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1.8 automapper 7.0.1--75344b28

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1.11 system-threading-tasks-extensions

4.6.24705.01.

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Martin Richards
23 February 2007

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  </PropertyGroup>
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    <Compile Include="../../ServerContracts/Server.Contracts.cs" />
    <Compile Include="../../ServerContracts/ServerGuids.cs" />
  </ItemGroup>
  <ItemGroup>
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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Martin Richards
23 February 2007
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By Sean Eron Anderson
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https://github.com/mikeal/aws-sign#readme

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bser 2.1.1 - Apache-2.0
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caseless 0.12.0 - Apache-2.0
https://github.com/mikeal/caseless#readme

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detect-libc 1.0.3 - Apache-2.0
https://github.com/lovell/detect-libc#readme

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oauth-sign 0.9.0 - Apache-2.0
https://github.com/mikeal/oauth-sign#readme

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request 2.88.2 - Apache-2.0
https://github.com/request/request#readme

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tunnel-agent 0.6.0 - Apache-2.0
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https://github.com/kemitchell/spdx-exceptions.json#readme

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@istanbuljs/load-nyc-config 1.1.0 - ISC
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abbrev 1.1.1 - ISC
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anymatch 2.0.0 - ISC
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aproba 1.2.0 - ISC
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console-control-strings 1.1.0 - ISC
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get-caller-file 2.0.5 - ISC
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har-schema 2.0.0 - ISC
https://github.com/ahmadnassri/har-schema

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has-unicode 2.0.1 - ISC
https://github.com/iarna/has-unicode

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hosted-git-info 2.8.8 - ISC
https://github.com/npm/hosted-git-info

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ignore-walk 3.0.3 - ISC
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inflight 1.0.6 - ISC
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inherits 2.0.4 - ISC
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ini 1.3.5 - ISC
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isexe 2.0.0 - ISC
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json-stringify-safe 5.0.1 - ISC
https://github.com/isaacs/json-stringify-safe

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make-error 1.3.6 - ISC
https://github.com/JsCommunity/make-error

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minimatch 3.0.4 - ISC
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minipass 2.9.0 - ISC
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nopt 4.0.3 - ISC
https://github.com/npm/nopt#readme

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npm-bundled 1.1.1 - ISC
https://github.com/npm/npm-bundled#readme

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npmlog 4.1.2 - ISC
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npm-normalize-package-bin 1.0.1 - ISC
https://github.com/npm/npm-normalize-package-bin#readme

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npm-packlist 1.4.8 - ISC
https://www.npmjs.com/package/npm-packlist

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once 1.4.0 - ISC
https://github.com/isaacs/once#readme

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osenv 0.1.5 - ISC
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remove-trailing-separator 1.1.0 - ISC
https://github.com/darsain/remove-trailing-separator#readme

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request-promise-core 1.1.3 - ISC
https://github.com/request/promise-core#readme

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request-promise-native 1.0.8 - ISC
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require-main-filename 2.0.0 - ISC
https://github.com/yargs/require-main-filename#readme

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rimraf 3.0.2 - ISC
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sax 1.2.4 - ISC
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semver 7.3.2 - ISC

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set-blocking 2.0.0 - ISC
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signal-exit 3.0.3 - ISC
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stealthy-require 1.1.1 - ISC
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test-exclude 6.0.0 - ISC
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v8-to-istanbul 4.1.4 - ISC
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which 2.0.2 - ISC
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yargs-parser 18.1.3 - ISC
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balanced-match 1.0.0 - MIT
https://github.com/juliangruber/balanced-match

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color-convert 1.9.3 - MIT
https://github.com/Qix-/color-convert#readme

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color-name 1.1.4 - MIT
https://github.com/colorjs/color-name

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color-name 1.1.3 - MIT
https://github.com/dfcreative/color-name

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combined-stream 1.0.8 - MIT
https://github.com/felixge/node-combined-stream

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component-emitter 1.3.0 - MIT
https://github.com/component/emitter#readme

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concat-map 0.0.1 - MIT
https://github.com/substack/node-concat-map

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convert-source-map 1.7.0 - MIT
https://github.com/thlorenz/convert-source-map

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copy-descriptor 0.1.1 - MIT
https://github.com/jonschlinkert/copy-descriptor

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core-util-is 1.0.2 - MIT
https://github.com/isaacs/core-util-is#readme

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cross-spawn 7.0.3 - MIT
https://github.com/moxystudio/node-cross-spawn
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cross-spawn 6.0.5 - MIT
https://github.com/moxystudio/node-cross-spawn

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cssom 0.3.8 - MIT
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cssom 0.4.4 - MIT
https://github.com/NV/CSSOM#readme

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cssstyle 2.3.0 - MIT
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dashdash 1.14.1 - MIT

https://github.com/trentm/node-dashdash#readme

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debug 4.1.1 - MIT
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decode-uri-component 0.2.0 - MIT
https://github.com/samverschueren/decode-uri-component#readme

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decompress-response 4.2.1 - MIT
https://github.com/sindresorhus/decompress-response#readme

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dee[extend 0.6.0 - MIT
https://github.com/unclechu/node-deep-extend

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deep-is 0.1.3 - MIT
https://github.com/thlorenz/deep-is

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deepmerge 4.2.2 - MIT
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delayed-stream 1.0.0 - MIT
https://github.com/felixge/node-delayed-stream

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https://github.com/visionmedia/node-delegates#readme

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detect-newline 3.1.0 - MIT
https://github.com/sindresorhus/detect-newline#readme

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escape-string-regexp 1.0.5 - MIT
https://github.com/sindresorhus/escape-string-regexp
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fill-range 7.0.1 - MIT
https://github.com/jonschlinkert/fill-range

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for-in 1.0.2 - MIT
https://github.com/jonschlinkert/for-in

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fragment-cache 0.2.1 - MIT
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gensync 1.0.0-beta.1 - MIT

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get-package-type 0.1.0 - MIT
https://github.com/cfware/get-package-type#readme

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getpass 0.1.7 - MIT
https://github.com/arekinath/node-getpass#readme

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get-stream 4.1.0 - MIT
https://github.com/sindresorhus/get-stream#readme

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har-validator 5.1.3 - MIT
https://github.com/ahmadnassri/node-har-validator

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iconv-lite 0.4.24 - MIT
https://github.com/ashtuchkin/iconv-lite

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import-local 3.0.2 - MIT
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imurmurhash 0.1.4 - MIT
https://github.com/jensyt/imurmurhash-js

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is-accessor-descriptor 0.1.6 - MIT
https://github.com/jonschlinkert/is-accessor-descriptor

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https://github.com/juliangruber/isarray

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https://github.com/feross/is-buffer#readme

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is-descriptor 1.0.2 - MIT
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jest-serializer 26.1.0 - MIT
https://github.com/facebook/jest#readme

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json-parse-better-errors 1.0.2 - MIT
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json-schema-traverse 0.4.1 - MIT
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js-tokens 4.0.0 - MIT
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js-yaml 3.14.0 - MIT
https://github.com/nodeca/js-yaml

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kind-of 4.0.0 - MIT
https://github.com/jonschlinkert/kind-of

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leven 3.1.0 - MIT
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map-cache 0.2.2 - MIT
https://github.com/jonschlinkert/map-cache

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map-visit 1.0.0 - MIT
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https://github.com/grncdr/merge-stream#readme

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 micromatch 3.1.10 - MIT
https://github.com/micromatch/micromatch

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https://github.com/sindresorhus/npm-run-path#readme

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object.pick 1.3.0 - MIT
https://github.com/jonschlinkert/object.pick

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object-assign 4.1.1 - MIT
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object-copy 0.1.0 - MIT
https://github.com/jonschlinkert/object-copy

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optionator 0.8.3 - MIT
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parse5 5.1.1 - MIT
https://github.com/inikulin/parse5

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pascalcase 0.1.1 - MIT
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performance-now 2.1.0 - MIT
https://github.com/braveg1rl/performance-now

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picomatch 2.2.2 - MIT
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posix-character-classes 0.1.1 - MIT
https://github.com/jonschlinkert/posix-character-classes

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prlude-ls 1.1.2 - MIT
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process-nextick-args 2.0.1 - MIT
https://github.com/calvinmetcalf/process-nextick-args

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psl 1.8.0 - MIT
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pump 3.0.0 - MIT
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react-is 16.13.1 - MIT
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readable-stream 2.3.7 - MIT
https://github.com/nodejs/readable-stream#readme

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read-pkg 5.2.0 - MIT  
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read-pkg-up 7.0.1 - MIT  
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regex-not 1.0.2 - MIT
https://github.com/jonschlinkert/regex-not

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repeat-element 1.1.3 - MIT
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repeat-string 1.6.1 - MIT
https://github.com/jonschlinkert/repeat-string

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require-directory 2.1.1 - MIT
https://github.com/troygoode/node-require-directory/

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resolve 1.17.0 - MIT
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resolve-cwd 3.0.0 - MIT
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resolve-from 5.0.0 - MIT
https://github.com/sindresorhus/resolve-from#readme

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ret 0.1.15 - MIT
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rsvp 4.8.5 - MIT
https://github.com/tildeio/rsvp.js

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safe-buffer 5.1.2 - MIT
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safer-buffer 2.1.2 - MIT
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safe-regex 1.1.0 - MIT
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snapdragon 0.8.2 - MIT
https://github.com/jonschlinkert/snapdragon

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snapdragon-node 2.1.1 - MIT
https://github.com/jonschlinkert/snapdragon-node

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source-map-resolve 0.5.3 - MIT
https://github.com/lydell/source-map-resolve#readme

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source-map-url 0.4.0 - MIT
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symbol-tree 3.2.4 - MIT
https://github.com/jsdom/js-symbol-tree#symbol-tree

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throat 5.0.0 - MIT
https://github.com/ForbesLindesay/throat#readme

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to-fast-properties 2.0.0 - MIT
https://github.com/sindresorhus/to-fast-properties#readme

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to-object-path 0.3.0 - MIT
https://github.com/jonschlinkert/to-object-path

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to-regex 3.0.2 - MIT
https://github.com/jonschlinkert/to-regex

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ts-jest 26.1.2 - MIT
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type-check 0.3.2 - MIT
https://github.com/gkz/type-check

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Martin Richards
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https://github.com/madler/zlib
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Martin Richards
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This code is based on FileZilla - a Windows ftp client

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the
Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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1.22 system-security-permissions 5.0.0

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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Martin Richards
23 February 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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By Sean Eron Anderson
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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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https://github.com/santoshsahoo/nbench (mirror of the same code)

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By Sean Eron Anderson
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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<td>Lee Coward (3)</td>
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# Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```
bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI] (#cli)
* [CoreCLR] (#coreclr)
* [CoreFX] (#corefx)
* [WCF] (#wcf)

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```
bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```

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* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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The following binaries are licensed with the [.NET Library License](https://dotnet.microsoft.com/en/dotnet_library_license.htm):

* WPF: PresentationNative_cor3.dll
* WPF: wpfgfx_cor3.dll

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* WPF: vcruntime140_cor3.dll
* SDK Tools: Microsoft.DiaSymReader.Native.{x86|amd64|arm|arm64}.dll

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git shortlog -sne --no-merges --since 2016-05-20 --until 2016-11-08
```
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# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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# Contributions to .NET Core 2.0 Preview 1
We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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## CoreFX

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Martin Richards
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Bit Twiddling Hacks

By Sean Eron Anderson
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23 February 2007

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Bit Twiddling Hacks

By Sean Eron Anderson
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h/SoDBench.cs#L738

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  <ItemGroup>
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    <Compile Include="../../ServerContracts/Server.Contracts.cs" />
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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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1.58 system-reflection-metadata 4.6.26515.06

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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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Martin Richards
23 February 2007

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lz4net

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Martin Richards
23 February 2007

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## Core Tools

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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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# Contributions to .NET Core 2.0
The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
``` When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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## Contributions to .NET 5.0

.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

**Thank you!!!**

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# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
```
```
```
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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## WCF

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# Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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## Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)
Open Source Used In IMI IMI-ENGAGE 1908

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## CoreCLR

```bash
# CoreCLR
```

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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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https://github.com/madler/zlib
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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</PropertyGroup>

<ItemGroup>
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  <Compile Include="..\..\ServerContracts\Server.CoClasses.cs" />
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  <Compile Include="..\..\ServerContracts\ServerGuids.cs" />
</ItemGroup>

<ItemGroup>
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  <ProjectReference Include="$(TestSourceDir)Common\CoreCLRTestLibrary\CoreCLRTestLibrary.csproj" />
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Use: https://github.com/mono/mono/blob/23e6f6f4b58d72800f4e27fa29a6b58806ff475f/mono/mini/bench.cs#L65

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1.70 html-agility-pack 1.4.0.0

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1.71 servicestack-text 5.10.4

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John R. Hauser
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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https://github.com/santoshsahoo/nbench (mirror of the same code)

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1. Mono (http://www.mono-project.com/docs/about-mono/)
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   Includes:mono/utils/freebsd-elf_common.h
   Includes:mono/utils/freebsd-elf64.h
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   Includes:mono/utils/bsearch.c
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5. Open Iconic (http://useiconic.com/open)

6. fast-text-encoding (https://github.com/samthor/fast-text-encoding)

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mono/utils/bsearch.c

* bsearch () implementation. Needed because some broken platforms
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# Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
```
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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# Contributions to .NET 5.0

.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing your contributions so please, let us know if something is incorrect or missing.

**Thank you!!!**

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</br>&lt;br&gt;[efcore]/#efcore
</br>&lt;br&gt;[installer]/#installer
</br>&lt;br&gt;[runtime]/#runtime
</br>&lt;br&gt;[sdk]/#sdk
</br>&lt;br&gt;[templating]/#templating
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## installer

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## runtime

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# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@ {2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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# Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```bash
bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

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## Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.94 system-collections-immutable

4.6.26515.06

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https://github.com/madler/zlib
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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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The punycode implementation is based on the sample code in RFC 3492

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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The punycode implementation is based on the sample code in RFC 3492

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Please feel free to re-implement this benchmark in any language you choose. I would be happy to incorporate such translations into this distribution together with their timing/size results.

Martin Richards
23 February 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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https://github.com/dotnet/coreclr/blob/a9074bce5e3814db67dbec1c56f477202164d162/tests/src/sizeondisk/sodbenc
h/SoDBench.cs#L738

<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="../ServerContracts/Server.CoClasses.cs" />
    <Compile Include="../ServerContracts/Server.Contracts.cs" />
    <Compile Include="../ServerContracts/ServerGuids.cs" />
  </ItemGroup>
</Project>

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1.110 imageresizer 3-1-5

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1.116 microsoft-owin-host-systemweb 4.0.1

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

1.121 microsoft-aspnet-webapi-client 5.2.6-60510

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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By Sean Eron Anderson
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Martin Richards
23 February 2007

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https://github.com/madler/zlib
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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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    <Compile Include="../ServerContracts/Server.Contracts.cs" />
    <Compile Include="../ServerContracts/ServerGuids.cs" />
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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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1.126 system-console 4.6.24705.01.

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1.129 system-diagnostics-performancecounter 5.0.0

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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/*. zlib.h -- interface of the 'zlib' general purpose compression library
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2018 January 20

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Martin Richards
23 February 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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    <IlrtTestKind>BuildOnly</IlrtTestKind>
    <!-- Test unsupported outside of windows -->
    <TestUnsupportedOutsideWindows>true</TestUnsupportedOutsideWindows>
    <DisableProjectBuild Condition="$(TargetsUnix) == 'true'">true</DisableProjectBuild>
    <!-- This test would require the runincontext.exe to include App.manifest describing the COM interfaces -->
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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.
* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

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## CoreCLR

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# Contributions to .NET 5.0

.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing the your contributions so please, let us know if something is incorrect or missing.

**Thank you!!!**
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## templating

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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is
generated with the following command listed below in an attempt to capture all contributions which have gone into
.NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were
aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are
listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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* [Pat Gavlin (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com)
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* [Swaroop Sridhar (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroopss@microsoft.com)
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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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- [Aditya Mandaleeka](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@microsoft.com)

## WCF

- [Stephen Bonikowsky (59)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com)
- [Ron Cain (48)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com)
- [Jason Pang (42)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpa@microsoft.com)
- [Matt Connew (23)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com)
- [hongdai (16)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=hongdai@microsoft.com)
- [Eric St. John (14)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=ericstj@microsoft.com)
- [Zhenlan Wang (5)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com)
- [Jason Pang (4)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=iamjasonp@users.noreply.github.com)
- [Eric Mellino (2)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=erme@microsoft.com)
- [Matt (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com)
- [Joel Hendrix (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com)
- [Barry Dorrans (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com)
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- [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com)

# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

- [Livar Cunha (78)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
- [jbeisner (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
- [Peter Huene (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com)
- [Nate McMaster (46)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com)
- [Livar (44)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
- [John Beisner (42)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
- [Nick Guerrera (36)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com)
- [William Lee (33)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
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* [Bruce Forstall (94)](https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com)
* [Steve MacLean (69)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com)
* [Fei Peng (66)](https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com)
* [Stephen Toub (56)](https://github.com/dotnet/coreclr/commits/release/2.1?author=stoub@microsoft.com)
* [Sergey Andreeko (52)](https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com)
* [Carol Eidt (50)](https://github.com/dotnet/coreclr/commits/release/2.1?author=carol.eidt@microsoft.com)
* [Ahson Khan (44)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ahkha@microsoft.com)
* [Brian Robbins (35)](https://github.com/dotnet/coreclr/commits/release/2.1?author=brianrob@microsoft.com)
* [Ben Adams (35)](https://github.com/dotnet/coreclr/commits/release/2.1?author=thundercat@illyriad.co.uk)
* [Brian Sullivan (33)](https://github.com/dotnet/coreclr/commits/release/2.1?author=briansul@microsoft.com)
* [Andy Ayers (32)](https://github.com/dotnet/coreclr/commits/release/2.1?author=andyas@microsoft.com)
* [Jacek Blaszczyński (30)](https://github.com/dotnet/coreclr/commits/release/2.1?author=biosciencenow@outlook.com)
* [Egor Chesakov (29)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Egor.Chesakov@microsoft.com)
* [Michal Strehovský (25)](https://github.com/dotnet/coreclr/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com)
* [Jan Vorlicek (24)](https://github.com/dotnet/coreclr/commits/release/2.1?author=janvorli@microsoft.com)
* [Anirudh Agnihotry (23)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anirudhagnihotry098@gmail.com)
* [Koundinya Veluri (22)](https://github.com/dotnet/coreclr/commits/release/2.1?author=kouvel@users.noreply.github.com)
* [Juan Carlos Aguilera Mendez (21)](https://github.com/dotnet/coreclr/commits/release/2.1?author=juanam@microsoft.com)
* [Michelle McDaniels (19)](https://github.com/dotnet/coreclr/commits/release/2.1?author=adiaaaida@gmail.com)
* [Sung Yoon Whang (19)](https://github.com/dotnet/coreclr/commits/release/2.1?author=suwhang@microsoft.com)
* [David Mason (17)](https://github.com/dotnet/coreclr/commits/release/2.1?author=davmason@microsoft.com)
* [Mike McLaughlin (17)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mikem@microsoft.com)
* [Petr Bred (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=bredpetr@gmail.com)
* [Davis Goodin (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=dagood@users.noreply.github.com)
* [Maoni Stephens (3)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Maoni0@users.noreply.github.com)
* [wtgodbe (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=wigodbe@microsoft.com)
* [Alex (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=cod7alex@gmail.com)
* [Alfred Myers (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=alfredmyers@users.noreply.github.com)
* [Andon Andonov (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anandono@microsoft.com)
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* [Bruno Tagliapietra (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=bruno.tagliapietra@gmail.com)
* [Cesar Soares Lucas (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com)
* [Igor Kulaychuk (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=igor.kulaychuk@gmail.com)
* [Jarret Shook (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com)
* [Levi Broderick (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com)
* [Mandar Sahasrabuddhe (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=WinCPP@users.noreply.github.com)
* [Matt Galbraith (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com)
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* [Ricardo Arenas (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=raiarenas@microsoft.com)
* [Russ Keldorph (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=russ.keldorph@microsoft.com)
* [Sergey Ignatov (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru)
* [Sven Boemer (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sbomer@gmail.com)
* [chcosta (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=g.balykov@samsung.com)
* [kasper3 (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com)
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* [Roman Artemev (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=rartemev@microsoft.com)
* [Ruben Ayrapetyan (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ruben-ayrapetyan@users.noreply.github.com)
* [Hyeongseok Oh (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=hseok82.oh@samsung.com)
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## CoreFX

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* [Ahson Khan (99)](https://github.com/dotnet/corefx/commits/release/2.1?author=akhha@microsoft.com)
* [Anirudh Agnihotry (74)](https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com)
* [Geoff Kizer (65)](https://github.com/dotnet/corefx/commits/release/2.1?author=geoffreki)
* [Wes Haggard (62)](https://github.com/dotnet/corefx/commits/release/2.1?author=Wes.Haggard@microsoft.com)
* [Jeremy Kuhne (58)](https://github.com/dotnet/corefx/commits/release/2.1?author=jeremy.kuhne@microsoft.com)
* [Jon Hanna (57)](https://github.com/dotnet/corefx/commits/release/2.1?author=jon@hackcraft.net)
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* [Atsushi Kanamori (34)](https://github.com/dotnet/corefx/commits/release/2.1?author=AtsushiKan@users.noreply.github.com)
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* [Pavel Krymets (22)](https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com)
* [Ian Hay (19)](https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com)
* [Saurabh Singh (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com)
* [Jose Perez Rodriguez (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=joperez@microsoft.com)
* [Brian Robbins (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com)
* [Alex Perovich (16)](https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com)
* [Eric Erhardt (16)](https://github.com/dotnet/corefx/commits/release/2.1?author=eric. erhardt@microsoft.com)
* [Matt Galbraith (15)](https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com)
* [Jan Vorlicek (15)](https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com)
* Michal Strehovsky (14)
* Huangli Wu (14)
* ahsokhan (13)
* Xing Mao (12)
* Karel Zikmund (12)
* Krzysztof Wicher (12)
* Justin Van Patten (12)
* Viktor Hofer (11)
* Steve MacLean (11)
* Matt Mitchell (11)
* Tanner Gooding (10)
* wtgodbe (10)
* Wes Haggard (10)
* David Shulman (10)
* Jiayi Yu (9)
* David Fowler (9)
* Tom Matouek (9)
* Koundinya Veluri (9)
* Levi Broderick (9)
* Gene Lee (9)
* Geoff Kizer (9)
* Tim Seaward (9)
* William Godbe (8)
* John Doe (8)
* Levi Broderick (8)
* Sung Yoon Whang (7)
* Konst Khurin (7)
* Omar Tawfik (7)
* kasper3 (7)
* Josh Free (6)
* Keerat Singh (6)
* Ayende Rahien (6)
* Eric StJohn (6)
* Shin Mao (6)
* Cory Rivera (5)
* Fei Peng (5)
* Gnther Foidl (5)
* Marek Safar (5)
* [Stefan Nikolei (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu)
* [Davis Goodin (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=dagood@users.noreply.github.com)
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* [Matt Galbraith (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=MattGal@users.noreply.github.com)
* [Tomas Matousek (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@microsoft.com)
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* [JC Aguilera (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=juanam@microsoft.com)
* [Eugene Rozenfeld (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=erozen@microsoft.com)
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* [Victor Zaytsev (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=allirudhagnihotry098@gmail.com)
* [Ahson Ahmed Khan (3)](https://github.com/dotnet/corefx/commits/release/2.1?author=ahsonkhan@users.noreply.github.com)
* [danmosemsft (3)](https://github.com/dotnet/corefx/commits/release/2.1?author=danmose@microsoft.com)
* [Joel Braun (3)](https://github.com/dotnet/corefx/commits/release/2.1?author=Joelbraun@outlook.com)
* [Pent Ploompuu (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be)
* [Adrian Godong (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=adrian.godong@gmail.com)
* [Andon Andonov (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=anandono@microsoft.com)
* [Andy Ayers (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=andya@microsoft.com)
* [Jon Fortescue (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=jofortes@microsoft.com)
* [Jonathan Dickinson (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=jcdickinson@users.noreply.github.com)
* [Jos Rivero (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=lmolkova@microsoft.com)
* [Mandar Sahasrabuddhe (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=WinCPP@users.noreply.github.com)
* [Martin Baulig (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=mabaui@microsoft.com)
* [Matt Connew (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=mconnew@microsoft.com)
* [Oswald Maskens (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=ozie@live.be)
* [Adam Sitnik (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=adam.sitnik@gmail.com)
* [Saurabh Singh (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=sausing@microsoft.com)
* [Stano Peko (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=stanopetko.eu)
* [Sbastien Ros (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=sebastienros@gmail.com)
* [Tomas Weinfurt (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=toweinfurt@microsoft.com)
* [Ubuntu (2)](https://github.com/dotnet/corefx/commits/release/2.1?author=boss@darkside.fs2pp1vdxskehmdivvjoouonlv4vg.ax.internal.cloudapp.net)
## WCF
We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (227)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puszkiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Eric Erhardt (136)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Jon Sequeira (74)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Mike Lorbetske (43)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsft.com)
* [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Livar Cunha (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
* [Livar (25)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
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1.138 servicestack-redis 5.10.4

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1.148 system-threading-channels 5.0.0

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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    </ItemGroup>
    <ItemGroup>
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1.154 microsoft-identitymodel-protocols-openidconnect 6.7.1.10630004657

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1.158 system-configuration-configurationmanager 5.0.0

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The punycode implementation is based on the sample code in RFC 3492

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Martin Richards
23 February 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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lz4net

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    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
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    <Compile Include="../../ServerContracts/Server.Contracts.cs" />
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  </ItemGroup>
  <ItemGroup>
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    <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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1.159 nito-asyncrex-context 1.1.0

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## Core Tools

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# Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

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# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
```
```
```
```
```

When you navigate to a contributor's commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

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## CoreCLR

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## WCF
# Contributions to .NET 5.0

.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We're working to get better at recognizing the your contributions so please, let us know if something is incorrect or missing.

**Thank you!!**

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# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@ {2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (57)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
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# Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated.
with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## CLI

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The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## Contributions to .NET Core 2.1

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* [CLI](#cli)
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* [CoreFX](#corefx)
* [WCF](#wcf)
## CoreCLR

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We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

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https://github.com/madler/zlib
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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017 */
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Martin Richards
23 February 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Martin Richards
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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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1.172 microsoft-odata-core 7.7.1.0

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### 1.173 neon 0.30.2

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Version 2, June 1991

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<one line to give the program's name and a brief idea of what it does.>
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This option is useful when you wish to copy part of the code of
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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
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source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
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5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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Otherwise, if the work is a derivative of the Library, you may
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whether or not they are linked directly with the Library itself.

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Sections 1 and 2 above); and, if the work is an executable linked
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b) Accompany the work with a written offer, valid for at
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For an executable, the required form of the "work that uses the
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1.180 system-runtime-compilerservices-unsafe 4.0.0.0

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   version 1.2.11, January 15th, 2017

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1.183 system-threading-tasks-dataflow 5.0.0

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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1.184 system-identitymodel-tokens-jwt

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1.187 system-reflection-typeextensions
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   version 1.2.11, January 15th, 2017

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  </ItemGroup>
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    <ProjectReference Include="..\..\NativeServer\CMakeLists.txt" />
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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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https://github.com/santoshsahoo/nbench (mirror of the same code)

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1.188 system-identitymodel-tokens-jwt

5.5.0.60624193649

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1.193 swashbuckle-aspnetcore-swaggerui

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1.194 stackexchange-redis 2.2.4

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1.196 mongodb-driver 2.6.0.0

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* ismbalph.c - Test if character is alphabetic (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Test if character is alphabetic (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbalph.cpp
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/** *
* mbscpy_s_l.c - Copy one string to another (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Copy one string to another (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscpy_s_l.cpp
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/** *
* w perror.c - print system error message (wchar_t version)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*******************************************************************************/
*Purpose:
* defines _wperror() - print wide system error message
* System error message are indexed by errno.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/wperror.cpp
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///*
*mbccpy.c - Copy one character to another (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Copy one MBCS character to another (1 or 2 bytes)
*
*******************************************************************************/

Found in path(s):
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///*
*wcsicmp.cpp - contains case-insensitive wide string comp routine _wcsicmp
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* contains _wcsicmp()
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsicmp.cpp
No license file was found, but licenses were detected in source scan.

///*
*chdir.c - change directory
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* This file has the _chdir() function - change current directory.
*
*******************************************************************************/
/***
* safeint_internal.h - Internal details for SafeInt (see safeint.h)
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* *
* The constructs and functions in Microsoft::Utilities::details are not
* *
* meant to be used by external code and can change at any time.
* *
* *****/

/***
* mbsncat.c - concatenate string2 onto string1, max length n
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* *
* defines mbsncat() - concatenate maximum of n characters
* *
* *******************************************************

/***
* stricmp.cpp - contains case-insensitive string comp routine _stricmp
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* *
* contains _stricmp()
* *
* *******************************************************/
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strcmp.cpp
No license file was found, but licenses were detected in source scan.

/***
* mbsset_s_1.c - Sets first n bytes of string to given character (MBCS)
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Sets first n bytes of string to given character (MBCS)
* 
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbset_s_1.cpp
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/***
* ismblwr - Test if character is lower case (MBCS)
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Test if character is lower case (MBCS)
* 
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismblwr.cpp
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/***
* ismbalnm - Test if character is alpha numeric (MBCS)
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Test if character is alpha numeric (MBCS)
* 
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbalnm.cpp
No license file was found, but licenses were detected in source scan.
/** *
 * wcscoll.c - Collate wide-character locale strings
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *       Purpose:
 *       Compare two wchar_t strings using the locale LC_COLLATE information.
 * *
 *********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcscoll.cpp
No license file was found, but licenses were detected in source scan.

/** *
 * mbscoll.c - Collate MBCS strings
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *       Purpose:
 *       Collate MBCS strings
 * *
 *********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscoll.cpp
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/** *
 * mbsncat_s_l.c - concatenate string2 onto string1, max length n
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *       Purpose:
 *       defines mbsncat_s_l() - concatenate maximum of n characters
 * *
 *********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsncat_s_l.cpp
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/** *
 * splitpath.c - break down path name into components
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 */
* Purpose: 
* To provide support for accessing the individual components of an 
* arbitrary path name 
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/splitpath.cpp
No license file was found, but licenses were detected in source scan.

/***
* mbsnbcnt.c - Returns byte count of MBCS string 
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Returns byte count of MBCS string 
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbcnt.cpp
No license file was found, but licenses were detected in source scan.

/***
* mbtolwr.c - Convert character to lower case (MBCS).
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Convert character to lower case (MBCS).
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbtolwr.cpp
No license file was found, but licenses were detected in source scan.

/***
* w_map.c - W version of LCMapString.
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:

*******************************************************************************/
* Wrapper for LCMapStringW.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/locale/LCMapStringW.cpp
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/***
 * mbschr.c - Search MBCS string for character
 *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 *       Search MBCS string for a character
 *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbstring/mbschr.cpp
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/***
 *memicmp.cpp - compare memory, ignore case
 *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 *       defines _memicmp() - compare two blocks of memory for ordinal
 *       order. Case is ignored in the comparison.
 *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/memicmp.cpp
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/***
 *mbsnbcol.c - Collate n bytes of two MBCS strings
 *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 *       Collate n bytes of two MBCS strings
 *
*******************************************************************************/

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/**
 * wcsxfrm.c - Transform a wide-character string using locale information
 * 
 * Copyright (c) Microsoft Corporation. All rights reserved.
 * 
 * Purpose:
 * Transform a wide-character string using the locale information as set by
 * LC_COLLATE.
 * 
 *******************************/

/**
 * _getdrives
 * 
 * Copyright (c) Microsoft Corporation. All rights reserved.
 * 
 * Purpose:
 * defines _getdrives()
 * 
 *******************************/

/**
 * mbsicoll.c - Collate MBCS strings, ignoring case
 * 
 * Copyright (c) Microsoft Corporation. All rights reserved.
 * 
 * Purpose:
 * Collate MBCS strings, ignoring case
 * 
 *******************************/
No license file was found, but licenses were detected in source scan.

/***
*drivfree.c - Get the size of a disk
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  
*  This file has _getdiskfree()
*  
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/drivfree.cpp
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/***
*ismbslead.c - True _ismbslead function
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  
*  Contains the function _ismbslead, which is a true context-sensitive
*  
*MBCS lead-byte function. While much less efficient than _ismbblead,
*  it is also much more sophisticated, in that it determines whether a
*  given sub-string pointer points to a lead byte or not, taking into
*  account the context in the string.
*  
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbsle.cpp
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/***
*mbssnpn.c - Find first string char in charset, pointer return (MBCS)
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  
*  Returns maximum leading segment of string consisting solely
*  
*  of characters from charset. Handles MBCS characters correctly.
*  
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
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/***
 * abort.c - abort a program by raising SIGABRT
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 * Purpose:
 * defines abort() - print a message and raise SIGABRT.
 *
 **********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/startup/abort.cpp
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/***
 * getpath.c - extract a pathname from an environment variable
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 * Purpose:
 * Extract pathnames from a string of semicolon delimited pathnames
 * (generally the value of an environment variable such as PATH).
 *
 **********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/env/getpath.cpp
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/***
 * strxfrm.c - Transform a string using locale information
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 * Purpose:
 * Transform a string using the locale information as set by
 * LC_COLLATE.
 *
 **********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/strxfrm.cpp
No license file was found, but licenses were detected in source scan.

/***/
*mbsnbcpy_s_l.c - Copy one string to another, n bytes only (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* 
*Purpose:
*       Copy one string to another, n bytes only (MBCS)
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbsstring/mbsnbcpy_s_l.cpp
No license file was found, but licenses were detected in source scan.

/***
*strncpy.c - copy at most n characters of string
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* 
*Purpose:
*       defines strncpy() - copy at most n characters of string
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strncpy.c
No license file was found, but licenses were detected in source scan.

/***
*mbtohira.c - Convert character from katakana to hiragana (Japanese).
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* 
*Purpose:
*       defines _jtohira() - convert character to hiragana.
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbsstring/mbtohira.cpp
No license file was found, but licenses were detected in source scan.

/***
*a_str.c - A version of GetStringType.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* 
*******************************************************************************/
*Purpose:
* Use either GetStringTypeA or GetStringTypeW depending on which is
* unstubbed.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/GetStringTypeA.cpp
No license file was found, but licenses were detected in source scan.

/***
**getqloc_downlevel.c - get qualified locale for downlevel OS
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
**Purpose:
* defines __acrt_get_qualified_locale_downlevel - get complete locale information
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/getqloc_downlevel.cpp
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/***
**align.c - Aligned allocation, reallocation or freeing of memory in the heap
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
**Purpose:
* Defines the _aligned_malloc(),
* _aligned_realloc(),
* _aligned_realloc(),
* _aligned_offset_malloc(),
* _aligned_offset_realloc(),
* _aligned_offset_realloc(),
* _aligned_free(),
* _aligned_msize() functions.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/heap/align.cpp
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/***
*mbccpy_s.c - Copy one character to another (MBCS)
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  Copy one MBCS character to another (1 or 2 bytes)
*  
**************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbccpy_s.cpp
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/***
*tchar.h - definitions for generic international text functions
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  Definitions for generic international functions, mostly defines
*  which map string/formatted-io/ctype functions to char, wchar_t, or
*  MBCS versions. To be used for compatibility between single-byte,
*  multi-byte and Unicode text models.
*  
*  [Public]
*  
****/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/tchar.h
No license file was found, but licenses were detected in source scan.

/ ***
* wcrtomb.c - Convert wide character to multibyte character, with locale.
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*  Convert a wide character into the equivalent multibyte character.
*  
**************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/wcrtomb.cpp
No license file was found, but licenses were detected in source scan.
/** *
* strset.c - sets all characters of string to given character
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*       Purpose:
*       defines _strset() - sets all of the characters in a string (except
*       the '0') equal to a given character.
*       
*       ***********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strset.c
No license file was found, but licenses were detected in source scan.

/** *
* mbccpy_s_l.c - Copy one character to another (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*       Purpose:
*       Copy one MBCS character to another (1 or 2 bytes)
*       
*       ***********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbccpy_s_l.cpp
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/** *
* ismblgl.c - Tests to see if a given character is a legal MBCS char.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*       Purpose:
*       Tests to see if a given character is a legal MBCS character.
*       
*       ***********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismblgl.cpp
No license file was found, but licenses were detected in source scan.

/** *
* corecrt_internal_securecrt.h - contains declarations of internal routines and variables for securecrt
*       
*       ***********************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismblgl.cpp
No license file was found, but licenses were detected in source scan.
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Purpose:
Declares routines and variables used internally in the SecureCRT implementation.
In this include file we define the macros needed to implement the secure functions
inlined in the *.inl files like tcscpy_s.inl, etc.

[Internal]

****/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/inc/corecrt_internal_securecrt.h
No license file was found, but licenses were detected in source scan.

/***
*mbsrev.c - Reverse a string in place (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Reverse a string in place (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsrev.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsncpy_s_l.c - Copy one string to another, n chars only (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Copy one string to another, n chars only (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsncpy_s_l.cpp
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/***
*w_cmp.c - W versions of CompareString.
Open Source Used In IMI IMI-ENGAGE 4018

* * Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Wrapper for CompareStringW.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/CompareStringW.cpp
No license file was found, but licenses were detected in source scan.

/***
*strlen.c - contains strlen() routine
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* strlen returns the length of a null-terminated string,
* not including the null byte itself.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/arm/strlen.c
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/***
*ismbprn.c - Test character for display character (MBCS)
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Test character for display character (MBCS)
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbprn.cpp
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and

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**/**
*setlocal.c - Contains the setlocale function
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Contains the _wsetlocale() function.
* *
*****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/setlocale.cpp
No license file was found, but licenses were detected in source scan.

**/**
*ismbupr - Test if character is upper case (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Test if character is upper case (MBCS)
* *
*****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbupr.cpp
No license file was found, but licenses were detected in source scan.

//      Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/fgetwc.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcscat.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strdup.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsnset.cpp

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* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/env/getenv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/fgetpos.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/openfile.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/fgets.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/fwrite.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsdup.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdio/gets.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/GetLocaleInfoA.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/wcsncmp.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/wcsncpy.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/MakePath.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/local/MakePath.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/MakePath.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/local/MakePath.cpp

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

/****
*a_cmp.c - A version of CompareString.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Use either CompareStringA or CompareStringW depending on which is
*       available
*       
****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/CompareStringA.cpp

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

/****
*mbtoupr.c - Convert character to upper case (MBCS)
Copyright (c) Microsoft Corporation. All rights reserved.

Purpose:
  Convert character to upper case (MBCS)

******************************************************************************

Found in path(s):
  /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbtoupr.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsnset_s.c - Sets first n characters of string to given character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Sets first n characters of string to given character (MBCS)
*       ******************************************************************************

Found in path(s):
  /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnset_s.cpp
No license file was found, but licenses were detected in source scan.

/***
*assert.c - Display a message and abort
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       ******************************************************************************

Found in path(s):
  /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/assert.cpp
No license file was found, but licenses were detected in source scan.

/***
wctombs.c - Convert wide char string to multibyte char string.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Convert a wide char string into the equivalent multibyte char string.

******************************************************************************
*

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/wcstombs.cpp
No license file was found, but licenses were detected in source scan.

/***
*getqloc.c - get qualified locale
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       defines __acrt_get_qualified_locale - get complete locale information
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/get_qualified_locale.cpp
No license file was found, but licenses were detected in source scan.

/***
*initnum.c - contains __acrt_locale_initialize_numeric
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Contains the locale-category initialization function: __acrt_locale_initialize_numeric().
* *
*       Each initialization function sets up locale-specific information
*       for their category, for use by functions which are affected by
*       their locale category.
* *
*       *** For internal use by setlocale() only ***
* *
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/initnum.cpp
No license file was found, but licenses were detected in source scan.

//      Copyright (c) Microsoft Corporation.  All rights reserved.
/*
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* V5.03:0009 */
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Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/wctype.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/wctrans.cpp
No license file was found, but licenses were detected in source scan.

/***
*seterrm.c - Set mode for handling critical errors
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*  Purpose:
*  * Defines signal() and raise().
*  
*************************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/seterrm.cpp
No license file was found, but licenses were detected in source scan.

/***
*initmon.c - contains __acrt_locale_initialize_monetary
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*  Purpose:
*  * Contains the locale-category initialization function: __acrt_locale_initialize_monetary().
*  *  
*  * Each initialization function sets up locale-specific information
*  * for their category, for use by functions which are affected by
*  * their locale category.
*  *  
*  * *** For internal use by setlocale() only ***
*  *  
*****************************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/initmon.cpp
No license file was found, but licenses were detected in source scan.

/***
*strcoll.c - Collate locale strings
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*  Purpose:
*  * Compare two strings using the locale LC_COLLATE information.
*  

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strcoll.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsncol.c - Collate n characters of two MBCS strings
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Collate n characters of two MBCS strings
* 
**********************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsncoll.cpp
No license file was found, but licenses were detected in source scan.

/***
*ismbdgt.cpp - Test if character is a digit (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Test if character is a digit (MBCS)
* 
**********************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbdgt.cpp
No license file was found, but licenses were detected in source scan.

;***
;cruntime.inc - multi-model assembly macros for interfacing to HLLs
;
; Copyright (c) Microsoft Corporation. All rights reserved.
;
;Purpose:
; This file defines the current memory model being used.
;
;*******************************************************************************

;==============================================================================

Use the following defines to control processor/segment model

    default is -DI86 -Dmem_S

==============================================================================

The following variables are defined by this file:

    cpu     86, 286, or 386
    mmodel  English name of the memory model, i.e. "Medium"
    ISIZE, LSIZE, NSIZE   size of ints, longs, shorts
    FLTSIZE, DBLSIZE, LDBLSIZE  size of float, double, long double

The following macros allow easy writing of combined 16/32 bit code:

    16/32 bit registers:
    rax, rbx, rcx, rdx,      expand to native registers (rax = eax or ax)
    rsi, rdi, rsp, rbp
    CBI       convert byte to int (al to rax)

Numeric type instructions:

    IWORD, LWORD, SWORD   data type of int, long, short
    DFLOAT, DDOUBLE, DLDOUBLE  define float, double, long double

The following utility macros are provided:

    codeseg      define/declare code segment
    error <msg>  stop assembly with message
    display <msg> display a message, unless QUIET defined
    if cond <instruction> assemble instruction only if cond is TRUE
    ife cond <instruction> assemble instruction only if cond is FALSE
    ifd symbol <instruction> assemble instruction only if symbol defined
    ifnd symbol <instruction> assemble instruction only if symbol not defined
    lab  LabelName      assembles to "LabelName:" If DEBUG is defined
                       LabelName is made public

    JS* (ex. JSE,JSZ,JSB ...) assemble to "je short","jz short","jb short"

    Cmacro look alikes
    static* Name, InitialValue, Repeat   defines a static variable of type *
    global* Name, InitialValue, Repeat   defines a global variable of type *
    label*  Name, [PUBLIC,PASCAL,C]     defines a label of type *

==============================================================================

   error <msg>   -    Output message and generate error

error MACRO  msg
if2          ;; only on pass 2 can we generate errors
%out  ************************************************************
%out *** Error -- msg
%out **************************************************************
.err
endif

ENDM

; display msg  - Output message unless QUIET defined

display MACRO  msg
ifndef QUIET  ;; only when quiet flag not set
if1  ;; and on pass 1, then display message
  %out msg
endif
endif

ENDM

; One line conditionals:
; here we create the capability of writing code lines like
;
; _if sizeD  <push ds> as opposed to    if sizeD
;                                          push  ds
;                                           endif

_if   MACRO   cond,text
  if  cond
    text
  endif
  ENDM

_ife  MACRO   cond,text
  ife cond
    text
  endif
  ENDM

_ifd  MACRO   cond,text
  ifdef cond
    text
  endif
  ENDM

_ifnd MACRO   cond,text
  ifndef cond
    text
  endif
  ENDM

; Process processor arguments
; Set memory model
.model flat, C

; Define registers:
; Instead of using the "word" registers directly, we will use a set of
text equates. This will allow you to use the native word size instead of
hard coded to 16 bit words. We also have some instruction equates for
instruction with the register type hard coded in.

rax equ <eax>
rbx equ <ebx>cx equ <ecx>
rdx equ <edx>
rdi equ <edi>
rsi equ <esi>
rbp equ <ebp>
rsp equ <esp>

CBI   equ <movsx eax, al>  ; convert byte to int (al to rax)

; The next set of equates deals with the size of SHORTS, INTS, LONGS, and
; pointers.

; parameters and locals
IWORD   equ <dword>

; sizes for fixing SP, stepping through tables, etc.
ISIZE   equ 4

; Float/double definitions
; (currently the same for 16- and 32-bit segments)

FLTSIZE equ 4  ; float
DBLSIZE equ 8  ; double
LDBLSIZE equ 10 ; long double

DFLOAT   equ <dd>
DDOUBLE  equ <dq>
DLDOUBLE equ <dt>

; codeseg - Define/declare the standard code segment. Maps to the proper
; form of the .code directive.
;
; Input:
; Output:
; .code _TEXT ; for large code models
; .code ; for small code models
; assume cs:FLAT ; for 386
; assume ds:FLAT ; for 386
; assume es:FLAT ; for 386
; assume ss:FLAT ; for 386
;
codeseg MACRO

.code

assume ds:FLAT
assume es:FLAT
assume ss:FLAT

ENDM

; Define named constants for ISA levels.

__ISA_AVAILABLE_X86 equ 0
__ISA_AVAILABLE_SSE2 equ 1
__ISA_AVAILABLE_SSE42 equ 2
__ISA_AVAILABLE_AVX equ 3

; Define named constants for favor

__FAVOR_ATOM equ 0
__FAVOR_ENFSTRG equ 1

;****************************************************************************
;* Debug lab macro
;****************************************************************************

lab macro name
ifdef DEBUG
  public pascal name ;; define label public for Symdb
endif
name:
  endm

;****************************************************************************
/* Conditional jump short macros */

irp   x,<Z,NZ,E,NE,P,PE,AE,BE,G>
JS&x equ <j&x short>

endm

;***************************************************************
;* Global data definition macros
;* Usage:
;*  globalI   Name, InitialValue, Repeat
;***************************************************************

MakeGlobal  macro   suffix, DataType        ;; makes all of the global* macros

global&suffix macro   name, data, rep
public  name
ifb   <rep>
   _repeat = 1
else
   _repeat = (rep)
endif

name    &DataType  _repeat dup( data )

endm

MakeGlobal  T, dt                   ; globalT
MakeGlobal  Q, dq                   ; globalQ
MakeGlobal  D, dd                   ; globalD
MakeGlobal  W, dw                   ; globalW
MakeGlobal  B, db                   ; globalB

;***************************************************************
;* Static data definition macros
;* Usage:
;*  staticI   Name, InitialValue, Repeat
;***************************************************************
MakeStatic macro suffix, DataType ;; makes all of the static* macros

static&suffix macro name, data, rep

ifdef DEBUG
    public pascal name ;; make statics public if DEBUG
endif

ifb <rep>
    _repeat = 1
else
    _repeat = (rep)
endif

name &DataType _repeat dup( data )
endm
endm

MakeStatic T, dt ; staticT
MakeStatic Q, dq ; staticQ
MakeStatic D, dd ; staticD
MakeStatic W, dw ; staticW
MakeStatic B, db ; staticB

__MakePublic macro name, option ;; decides if a label should be
ifidni <option>, <PUBLIC> ;; made public
    public name
elseifidni <option>, <PASCAL>
    public pascal name
elseifidni <option>, <C>
    public C name
elseifb <option>
ifdef DEBUG
public pascal name ;; make public if DEBUG
endif
endif
endm

MakeLabel macro suffix, LabelType ;; makes all of the label* macros
%@CatStr(<label>,<suffix>) macro name, option
    __MakePublic <name>,<option>
name label &LabelType
endm

endm

MakeLabel T, tbyte ; make labelT
MakeLabel Q, qword ; make labelQ
MakeLabel D, dword ; make labelD
MakeLabel W, word ; make labelW
MakeLabel B, byte ; make labelB

MakeLabel NP, near ; make labelNP

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/inc/i386/cruntime.inc
No license file was found, but licenses were detected in source scan.

/***
*strncoll.c - Collate locale strings
*
*   Copyright (c) Microsoft Corporation. All rights reserved.
*   *
*   *Purpose:
*   *   Compare two strings using the locale LC_COLLATE information.
*   *   Compares at most n characters of two strings.
*   *
************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strncoll.cpp
No license file was found, but licenses were detected in source scan.

/***
*wild.c - wildcard expander
*
*   Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
* expands wildcards in argv
* handles '*' (none or more of any char) and '?' (exactly one char)
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/startup/argv_wildcards.cpp
No license file was found, but licenses were detected in source scan.

/***
*getcwd.cpp - get current working directory
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* *
* contains functions _getcwd, _getcwd and _getcwd for getting the 
* current working directory. getcwd gets the c.w.d. for the default disk 
* drive, whereas _getcwd allows one to get the c.w.d. for whatever disk 
* drive is specified. _getcwd gets the current drive.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/misc/getcwd.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbscmp.c - Compare MBCS strings
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Compare MBCS strings
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/mbstring/mbscmp.cpp
No license file was found, but licenses were detected in source scan.

/***
*initctype.cpp - contains __acrt_locale_initialize ctype
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Contains the locale-category initialization function: __acrt_locale_initialize_ctype().
*       Each initialization function sets up locale-specific information
*       for their category, for use by functions which are affected by
*       their locale category.
*       *** For internal use by setlocale() only ***
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/locale/initctype.cpp
No license file was found, but licenses were detected in source scan.

/****
*mbsrchr.c - Search for last occurrence of character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Search for last occurrence of character (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsrchr.cpp
No license file was found, but licenses were detected in source scan.

/****
*mbsset_s.c - Sets all characters of string to given character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Sets all characters of string to given character (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsset_s.cpp
No license file was found, but licenses were detected in source scan.

/***
* errmode.c - modify __error_mode and __acrt_app_type
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*   Defines _set_error_mode() and _set_app_type(), the routines used
*   to modify __error_mode and __acrt_app_type variables. Together, these
*   two variables determine how/where the C runtime writes error
*   messages.
*  
*********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/set_error_mode.cpp
No license file was found, but licenses were detected in source scan.

/***
* strcspn.c - Defines the strcspn function.
* 
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*   The function strcspn is mostly common code with strspn in strspn.c.
*  
*********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strcspn.c
No license file was found, but licenses were detected in source scan.

/***
* wculwr.c - routine to map upper-case characters in a wchar_t string
*   to lower-case
* 
*  
*  Copyright (c) Microsoft Corporation. All rights reserved.
*  
*Purpose:
*   Converts all the upper case characters in a wchar_t string
*   to lower case, in place.
*  
*********************************************************************/

Found in path(s):
No license file was found, but licenses were detected in source scan.

/** *
ismbcknj.c - contains the Kanji specific is* functions.
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 * Purpose:
 * Provide non-portable Kanji support for MBCS libs.
 *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbcknj.cpp
No license file was found, but licenses were detected in source scan.

/** *
*mbtokata.c - Converts character to katakana.
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
* Purpose:
* Converts a character from hiragana to katakana.
 *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbtokata.cpp
No license file was found, but licenses were detected in source scan.

/** *
*resetstk.c - Recover from Stack overflow.
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
* Purpose:
* Defines the _resetstkoflw() function.
 *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/resetstk.cpp
No license file was found, but licenses were detected in source scan.

/***/
*strnset.c - set first n characters to single character
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       defines _strnset() - sets at most the first n characters of a string
*       to a given character.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strnset.c
No license file was found, but licenses were detected in source scan.

/***
*fullpath.c -
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose: contains the function _fullpath which makes an absolute path out
*       of a relative path. i.e. ..\pop\..\main.c => c:\src\main.c if the
*       current directory is c:\src\src
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/fullpath.cpp
No license file was found, but licenses were detected in source scan.

/***
*strncmp.c - compare first n characters of two strings
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       defines strncmp() - compare first n characters of two strings
*       for ordinal order.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strncmp.c
No license file was found, but licenses were detected in source scan.

/***
*glstatus.c - sets the __globallocalestatus flag
*
*******************************************************************************/
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Sets the __globallocalestatus flag to disable per thread locale
* 
* *******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/glstatus.cpp
No license file was found, but licenses were detected in source scan.

/****
*mbsnbicmp.c - Compare n bytes of strings, ignoring case (MBCS)
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Compare n bytes of strings, ignoring case (MBCS)
* 
* *******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbicm.cpp
No license file was found, but licenses were detected in source scan.

/****
*loaddll.c - load or free a Dynamic Link Library
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* defines _loaddll() and _unloaddll() - load and unload DLL
* 
* *******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/exec/loaddll.cpp
No license file was found, but licenses were detected in source scan.

/****
*mbsupr.c - Convert string upper case (MBCS)
* 
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Convert string upper case (MBCS)
* 
* *******************************************************************************/

---

Open Source Used In IMI IMI-ENGAGE 4101
/****
*mbsnset.c - Sets first n characters of string to given character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Sets first n characters of string to given character (MBCS)
*
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/mbstring/mbsupr.cpp
No license file was found, but licenses were detected in source scan.

//   Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/mbstring/mbsnset.cpp
No license file was found, but licenses were detected in source scan.

* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/stdlib/llabs.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/include/mbstring.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/convert/mbrtoc32.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/stdlib/lsearch.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/convert/strtox.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/stdio/tmpfile.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/include/ctype.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/include/fenv.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/internal/new_mode.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0/misc/terminate.cpp

Open Source Used In IMI IMI-ENGAGE 4102
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/initializers/multibyte_initializer.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/locale_update.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/_ctype.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/initializers/timeset_initializer.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/time/timeset.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/_mbslen.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/conio/c32rtomb.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/wrmdir.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/heap/realloc.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/corecrt_wdirect.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/lowio/creat.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/initializers/fmode_initializer.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/wchar.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/wunlink.cpp
* /opt/ cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdlib/lfind_s.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdlib/lldiv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/env/searchenv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/exit.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/internal/CreateProcessA.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/swctype.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/conio/getwchar.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/onexit.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/internal/PerThreadData.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/corecrt_wstdio.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/atoldbl.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdlib/ldiv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/env/searchenv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/exit.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/internal/per_thread_data.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/time.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/initializers/locale_initializer.cpp
No license file was found, but licenses were detected in source scan.

---

// Copyright (c) Microsoft Corporation. All rights reserved.
/*
 * Copyright (c) 1992-2013 by P.J. Plauger. ALL RIGHTS RESERVED.
 * Consult your license regarding permissions and restrictions.
 * V6.40:0009 */

---

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/time/wcsftime.cpp
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---

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 * V5.30:0009 */

---

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/inttypes.h
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdlib/imaxdiv.cpp
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/stdlib/imaxabs.cpp
No license file was found, but licenses were detected in source scan.

---

/****
*mbsncat_s.inl - general implementation of _mbsncat_s and _mbsnbcat_s
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* This file contains the general algorithm for _mbsncat_s and _mbsnbcat_s.
*
*****/

errno_t __cdecl _FUNC_NAME(unsigned char * _Dst, size_t _SizeInBytes, const unsigned char * _Src, size_t _COUNT, _LOCALE_ARG_DECL)
{
    unsigned char *p;
    size_t available;
    BOOL fIsLeadPrefix;
    BOOL fFoundInvalidMBC;
    
    fFoundInvalidMBC = FALSE;
    
    if (_COUNT == 0 && _Dst == nullptr && _SizeInBytes == 0)
    {
        /* this case is allowed; nothing to do */
        _RETURN_NO_ERROR;
    }
/* validation section */
_VALIDATE_STRING(_Dst, _SizeInBytes);
if (_COUNT != 0)
{
_VALIDATE_POINTER_RESET_STRING(_Src, _Dst, _SizeInBytes);
}

_LOCALE_UPDATE;
if (_LOCALE_SHORTCUT_TEST)
{
return strncat_s((char *)_Dst, _SizeInBytes, (const char *)_Src, _COUNT);
}

p = _Dst;
available = _SizeInBytes;
while (available > 0 && *p != 0)
{

p++;
available--;
}

/*
* Ran out of room while looking for end of dst string.
* p points 1 past end of buffer. We can't look past
* end of buffer so can't tell if dst ended with an
* invalid mbc.
*/

if (available == 0)
{
_RESET_STRING(_Dst, _SizeInBytes);
_RETURN_DEST_NOT_NULL_TERMINATED(_Dst, _SizeInBytes);
}

if (available < _SizeInBytes)
{
/*
* Dst may have terminated with an invalid MBCS, in that case we clear
* the bogus lead byte.
*/
flsLeadPrefix = FALSE;
_IsMBBLEADPREFIX(flsLeadPrefix, _Dst, &p[-1]);
if (flsLeadPrefix) {
/* the original string ended with a lead byte: we remove it */
p--;
*p = 0;
available++;
fFoundInvalidMBC = TRUE;
}
}

if (_COUNT == _TRUNCATE)
{
    while ((*p++ = *Src++) != 0 && --available > 0)
    {
    }
}
else
{
#if _COUNT_IN_BYTES
    while (_COUNT > 0 && (*p++ = *Src++) != 0 && --available > 0)
    {
        _COUNT--;
    }
#else  /* _COUNT_IN_BYTES */
    while (_COUNT > 0)
    {
        if (_ISMBBLEAD(*Src))
        {
            if (_Src[1] == 0)
            {
                /* the source string ended with a lead byte; we remove it */
                *p = 0;
                fFoundInvalidMBC = TRUE;
                break;
            }
            if (available <= 2)
            {
                /* not enough space */
                available = 0;
                break;
            }
            *p++ = *Src++;
            *p++ = *Src++;
            available -= 2;
        }
        else
        {
            if ((*p++ = *Src++) == 0 || --available == 0)
            {
                break;
            }
        }
    }
#endif /* _COUNT_IN_BYTES */
}
    _COUNT--; 
    }
#endif /* _COUNT_IN_BYTES */

if (_COUNT == 0)
{
    *p++ = 0;
}
}

if (available == 0)
{
    #if _COUNT_IN_BYTES
    /*
    * defined(_COUNT_IN_BYTES) loop does not track mbc context,
    * so we must iterate backwards to discover character context.
    */
    if (*Src == 0 || _COUNT == 1)
    {
        _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-1]);
        if (fIsLeadPrefix)
        {
            /* the source string ended with a lead byte: we remove it */
            p[-1] = 0;
            _RETURN_MBCS_ERROR;
        }
    }
    #endif /* _COUNT_IN_BYTES */

    /*
    * _COUNT == _TRUNCATE loop terminated because available became 0.
    * This means that we copied at least one character, and it wasn't
    * a null. If this last character acted as a lead then overwrite
    * it with null. Do not set the mbcs error in this case, due that the
    * user cannot predict this case and he/she's only asking for truncation.
    */
    if (_COUNT == _TRUNCATE)
    {
        if (fFoundInvalidMBC)
        {
            _SET_MBCS_ERROR;
        }

        if (_SizeInBytes > 1)
        {
            flsLeadPrefix = FALSE;
            _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &_Dst[_SizeInBytes - 2]);
            if (fIsLeadPrefix)
            {
_Dst[SizeInBytes - 2] = 0;
_FILL_BYTE(_Dst[SizeInBytes - 1]);
_RETURN_TRUNCATE;
}

_Dst[SizeInBytes - 1] = 0;

_RETURN_TRUNCATE;
}
_RESET_STRING(_Dst, _SizeInBytes);
_RETURN_BUFFER_TOO_SMALL(_Dst, _SizeInBytes);
}
#if _COUNT_IN_BYTES
if (available < _SizeInBytes)
{
_ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-2]);
if (fIsLeadPrefix)
{
/* the source string ended with a lead byte: we remove it */
pl[-2] = 0;
available++;
fFoundInvalidMBC = TRUE;
}
}
#endif /* _COUNT_IN_BYTES */
_FILL_STRING(_Dst, _SizeInBytes, _SizeInBytes - available + 1);

if (fFoundInvalidMBC)
{
_RETURN_MBCS_ERROR;
}

_RETURN_NO_ERROR;
}

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar.gz/ucrt-10.0.19041.0/mbstring/mbsncat_s.inl
No license file was found, but licenses were detected in source scan.

/***
*ismbbyte.c - Function versions of MBCS ctype macros
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* This file provides function versions of the character

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classification a*d conversion macros in mbctype.h.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbbyte.cpp
No license file was found, but licenses were detected in source scan.

/***
*strbrk.c - Defines the strbrk function.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       The function strbrk is mostly common code with strspn in strspn.c.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strpbrk.c
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strpbrk.c
No license file was found, but licenses were detected in source scan.

/***
*ismbgrph - Test if character is graphical (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Test if character is graphical (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbgrph.cpp
No license file was found, but licenses were detected in source scan.

/***
*strspn.c - find length of initial substring of chars from a control string
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       defines strspn() - finds the length of the initial substring of
*       a string consisting entirely of characters from a control string.
*******************************************************************************/
* defines strcspn()- finds the length of the initial substring of
  a string consisting entirely of characters not in a control string.
* defines strpbrk()- finds the index of the first character in a string
  that is not in a control string
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/strspn.c
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/amd64/strspn.c
No license file was found, but licenses were detected in source scan.

/***
*mbsncmp.c - Compare n characters of two MBCS strings
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Compare n characters of two MBCS strings
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsncmp.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbtowc.c - Convert multibyte char to wide char.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Convert a multibyte character into the equivalent wide character.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/convert/mbtowc.cpp
No license file was found, but licenses were detected in source scan.

/***
*strncat.c - append n chars of string to new string
*
*       Copyright (c) Microsoft Corporation. All rights reserved.

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*Purpose:
* defines `strncat()` - appends n characters of string onto
*   end of other string
*
****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/strncat.c
No license file was found, but licenses were detected in source scan.

/***
* `strupr.c` - routine to map lower-case characters in a string to upper-case
* *
*  Copyright (c) Microsoft Corporation. All rights reserved.
* *
* `Purpose`:
*  Converts all the lower case characters in a string to upper case,
*  in place.
* *
****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/string/strupr.cpp
No license file was found, but licenses were detected in source scan.

/***
* `mbslwr.c` - Convert string lower case (MBCS)
* *
*  Copyright (c) Microsoft Corporation. All rights reserved.
* *
* `Purpose`:
*  Convert string lower case (MBCS)
* *
****************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbstring/mbslwr.cpp
No license file was found, but licenses were detected in source scan.

/***
* `iconv.c` - Contains the localeconv function
* *
*  Copyright (c) Microsoft Corporation. All rights reserved.
* *
* `Purpose`:
*  Contains the localeconv() function.
a_map.c - A version of LCMapString.

* Copyright (c) Microsoft Corporation. All rights reserved.

*Purpose:
* Use either LCMapStringA or LCMapStringW depending on which is available
*
*******************************************************************************/

mbsncat_s.c - concatenate string2 onto string1, max length n

* Copyright (c) Microsoft Corporation. All rights reserved.

*Purpose:
* defines mbsncat_s() - concatenate maximum of n characters
*
*******************************************************************************/

mbspbrk.c - Find first string char in charset, pointer return (MBCS)

* Copyright (c) Microsoft Corporation. All rights reserved.

*Purpose:
* Find first string char in charset, pointer return (MBCS)
* Shares common source file with mbscspn.c.
*
*******************************************************************************/
Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/mbstring/mbspbrk.cpp
No license file was found, but licenses were detected in source scan.

/***
*ismbpunc - Test if character is punctuation (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Test if character is punctuation (MBCS)
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/mbstring/ismbpunc.cpp
No license file was found, but licenses were detected in source scan.

/***
mbsnbcat_s.c - concatenate string2 onto string1, max length n bytes
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* defines mbsnbcat_s() - concatenate maximum of n bytes
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
  10.0.19041.0/mbstring/mbsnbcat_s.cpp
No license file was found, but licenses were detected in source scan.

/***
*perror.c - print system error message
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* defines perror() - print system error message
* System error message are indexed by errno; conforms to XENIX
* standard, with much compatability with 1983 uniforum draft standard.
* *
*******************************************************************************/
/***
*stricoll.c - Collate locale strings without regard to case
*       
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Compare two strings using the locale LC_COLLATE information.
*       
*******************************************************************************/

/***
*mbstowcs.c - Convert multibyte char string to wide char string.
*       
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Convert a multibyte char string into the equivalent wide char string.
*       
*******************************************************************************/

/***
*mbsnbico.c - Collate n bytes of strings, ignoring case (MBCS)
*       
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Collate n bytes of strings, ignoring case (MBCS)
*       
*******************************************************************************/
/***
* strcat.c - contains strcat() and strcpy()
*
*   Copyright (c) Microsoft Corporation. All rights reserved.
*   *
*   *Purpose:
*     * Strcpy() copies one string onto another.
*     *
*     * Strcat() concatenates (appends) a copy of the source string to the
*     *   end of the destination string, returning the destination string.
*     *
*   ***************************************************************/

Found in path(s):
  */opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strcat.c
No license file was found, but licenses were detected in source scan.

/***
* umask.c - set file permission mask
*
*   Copyright (c) Microsoft Corporation. All rights reserved.
*   *
*   *Purpose:
*     * defines _umask() - sets file permission mask of current process*
*     *   affecting files created by creat, open, or sopen.
*     *
*   ***************************************************************/

Found in path(s):
  */opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/lowio/umask.cpp
No license file was found, but licenses were detected in source scan.

/***
* towupper.cpp - convert wide character to upper case
*
*   Copyright (c) Microsoft Corporation. All rights reserved.
*   *
*   *Purpose:
*     * Defines towupper().
*     *
*   ***************************************************************/

Found in path(s):
  */opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/towupper.cpp
No license file was found, but licenses were detected in source scan.

/***/
*mbsspn.c - Search for init substring of chars from control string (MBCS).
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Search for init substring of chars from control string (MBCS).
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsspn.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsset.c - Sets all charcaters of string to given character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Sets all charcaters of string to given character (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsset.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsset_s_l.c - Sets all charcaters of string to given character (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Sets all charcaters of string to given character (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsset_s_l.cpp
No license file was found, but licenses were detected in source scan.

/***
*_strerr.c - routine for indexing into system error list
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*******************************************************************************/
*Purpose:
* Returns system error message index by errno; conforms to the
* XENIX standard, much compatibility with 1983 uniforum draft standard.
*
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/_strerr.cpp
No license file was found, but licenses were detected in source scan.

/ ***
* ismbspc.c - Test is character is whitespace (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Test is character is whitespace (MBCS)
*
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/ismbspc.cpp
No license file was found, but licenses were detected in source scan.

/ ***
* wcsncoll.c - Collate wide-character locale strings
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Compare two wchar_t strings using the locale LC_COLLATE information.
* Compares at most n characters of two strings.
*
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsncoll.cpp
No license file was found, but licenses were detected in source scan.

/ ***
* mbsncat.c - concatenate string2 onto string1, max length n bytes
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* defines mbsncat() - concatenate maximum of n bytes
*
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbslen_s.cpp
No license file was found, but licenses were detected in source scan.

/***
* strcmp.c - routine to compare two strings (for equal, less, or greater)
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Compares two string, determining their ordinal order.
* *
***************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strcmp.c
No license file was found, but licenses were detected in source scan.

/***
* syserr.c - system error list
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* Defines the System Error List, containing the full messages for
* all errno values set by the library routines.
* Defines sys_errlist, sys_nerr.
* *
***************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/syserr.cpp
No license file was found, but licenses were detected in source scan.

/***
* wait.c - wait for child process to terminate
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
* defines _wait() - wait for child process to terminate
* *
***************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/exec/wait.cpp
No license file was found, but licenses were detected in source scan.
/***
*tombbmbc.c - convert 1-byte code to and from 2-byte code
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* _mbbtombc() - converts 1-byte code to corresponding 2-byte code
* _mbctombb() - converts 2-byte code to corresponding 1-byte code
*
**********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/tombbmbc.cpp
No license file was found, but licenses were detected in source scan.

// Copyright (c) Microsoft Corporation. All rights reserved.
/*
* Copyright (c) 1992-2013 by P.J. Plauger. ALL RIGHTS RESERVED.
* Consult your license regarding permissions and restrictions.
* V6.40:0009 */

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/uchar.h
No license file was found, but licenses were detected in source scan.

/***
*strlwr.c - routine to map upper-case characters in a string to lower-case
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Converts all the upper case characters in a string to lower case,
* in place.
*
**********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strlwr.cpp
No license file was found, but licenses were detected in source scan.

/***
*wincmdln.c - process command line for WinMain
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Prepare command line to be passed to [w]WinMain.
*
Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/argv_winmain.cpp
No license file was found, but licenses were detected in source scan.

/***
 *mbsnbcat_s_l.c - concatenate string2 onto string1, max length n bytes
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *Purpose:
 *       defines mbsnbcat_s_l() - concatenate maximum of n bytes
 *
*******************************************************************************/

Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbcat_s_l.cpp
No license file was found, but licenses were detected in source scan.

/***
 *stdargv.c - standard & wildcard _setargv routine
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *Purpose:
 *       processes program command line, with or without wildcard expansion
 *
*******************************************************************************/

Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/startup/argv_parsing.cpp
No license file was found, but licenses were detected in source scan.

/***
 *findfile.c - C find file functions
 * *
 *       Copyright (c) Microsoft Corporation. All rights reserved.
 * *
 *Purpose:
 *       Defines _findfirst(), _findnext(), and _findclose().
 *
*******************************************************************************/
Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/findfile.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbscpy_s.c - Copy one string to another (MBCS)
*
*       Copyright (c) Microsoft Corporation.  All rights reserved.
*
*Purpose:
*       Copy one string to another (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscpy_s.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbbtype.c - Return type of byte based on previous byte (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Return type of byte based on previous byte (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbbtype.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbctype.c - MBCS table used by the functions that test for types of char
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       table used to determine the type of char
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbctype.cpp
No license file was found, but licenses were detected in source scan.

/** *
* mbsstr.c - Search for one MBCS string inside another
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose: *
* Search for one MBCS string inside another *
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsstr.cpp
No license file was found, but licenses were detected in source scan.

/** *
*mbstok_s.c - Break string into tokens (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose: *
* Break string into tokens (MBCS) *
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbstok_s.cpp
No license file was found, but licenses were detected in source scan.

/** *
*mbscat_s_l.c - Concatenate one string to another (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose: *
* Concatenate one string to another (MBCS) *
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscat_s_l.cpp
No license file was found, but licenses were detected in source scan.

/** *
*localref.c - Contains the __[add|remove]localeref() functions.
*/
Purpose: Contains the __[add|remove]localeref() functions.

******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/locale_refcounting.cpp
No license file was found, but licenses were detected in source scan.

/***
iswctype.c - support isw* wctype functions/macros for wide characters
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Defines iswctype - support isw* wctype functions/macros for wide characters (esp. > 255).
*
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/is_wctype.cpp
No license file was found, but licenses were detected in source scan.

// Copyright (c) Microsoft Corporation. All rights reserved.
// for more details.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcstok.cpp
No license file was found, but licenses were detected in source scan.

/***
mbsnbcpy_s.c - Copy one string to another, n bytes only (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Copy one string to another, n bytes only (MBCS)
*
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbcpy_s.cpp

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

/***
*mbscspn.c - Find first string char in charset (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*      
*Purpose:
*       Find first string char in charset (MBCS)
*      
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscspn.cpp
No license file was found, but licenses were detected in source scan.

/***
*strcspn.c - Defines the strcspn function.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       The function strcspn is mostly common code with strspn in strspn.c.
*       
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strcspn.c
No license file was found, but licenses were detected in source scan.

/***
*report_runtime_error.cpp - startup error messages
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*       
*Purpose:
*       Prints out banner for runtime error messages.
*       
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/internal/report_runtime_error.cpp
No license file was found, but licenses were detected in source scan.

/***
*tojisjms.c:  Converts JIS to JMS code, and JMS to JIS code.
*******************************************************************************/
**mbsnset_s_l.c - Sets first n characters of string to given character (MBCS)**

* * Copyright (c) Microsoft Corporation. All rights reserved.
* *
* **Purpose:**
* * Sets first n characters of string to given character (MBCS)
* *
*****************************************************************************

Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnset_s_l.cpp
  
No license file was found, but licenses were detected in source scan.

**strrev.c - reverse a string in place**

* * Copyright (c) Microsoft Corporation. All rights reserved.
* *
* **Purpose:**
* * defines _strrev() - reverse a string in place (not including \0 character)
* *
*****************************************************************************

Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/library/string/strrev.c
  
No license file was found, but licenses were detected in source scan.

**mbsdec.c - Move MBCS string pointer backward one character.**

* * Copyright (c) Microsoft Corporation. All rights reserved.
* *
* **Purpose:**
* * Move MBCS string pointer backward one character.
* *
*****************************************************************************

Found in path(s):
  * /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsdec.cpp
  
No license file was found, but licenses were detected in source scan.

**mbsninc.c - Increment MBCS string pointer by specified char count.**

* *
* Copyright (c) Microsoft Corporation. All rights reserved.
*
* Purpose:
* Increment MBCS string pointer by specified char count.
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnip.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsncpy_s.c - Copy one string to another, n chars only (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Copy one string to another, n chars only (MBCS)
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsncpy_s.cpp
No license file was found, but licenses were detected in source scan.

; Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strcspn.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strpbrk.asm
No license file was found, but licenses were detected in source scan.

/***
*mbsncnt.c - Return char count of MBCS string
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* 
* Purpose:
* Return char count of MBCS string
* 
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-
10.0.19041.0/mbstring/mbsncnt.cpp
No license file was found, but licenses were detected in source scan.

/***
* memccpy.c - copy bytes until a character is found
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
*    defines _memccpy() - copies bytes until a specified character
*    is found, or a maximum number of characters have been copied.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/memccpy.c
No license file was found, but licenses were detected in source scan.

/***
* towlower.cpp - convert wide character to lower case
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
*    Defines towlower().
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/convert/towlower.cpp
No license file was found, but licenses were detected in source scan.

/***
* wcsnicmp.cpp - compare n chars of wide-character strings, ignoring case
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
*    defines _wcsnicmp() - Compares at most n characters of two wchar_t
*    strings, without regard to case.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsnicmp.cpp
No license file was found, but licenses were detected in source scan.
/** *
wcsicoll.c - Collate wide-character locale strings without regard to case
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 * Compare two wchar_t strings using the locale LC_COLLATE information
 * without regard to case.
 *
***********************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsicoll.cpp
No license file was found, but licenses were detected in source scan.

/** *
mbclen.c - Find length of MBCS character
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 * Find length of MBCS character
 *
***********************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbclen.cpp
No license file was found, but licenses were detected in source scan.

/** *
mbsncpy_s.inl - general implementation of _mbsncpy_s and _mbsnbcpy_s
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 *Purpose:
 * This file contains the general algorithm for _mbsncpy_s and _mbsnbcpy_s.
 *
 * _COUNT_IN_BYTES defined to 1 implements _mbsnbcpy_s
 * _COUNT_IN_BYTES defined to 0 implements _mbsncpy_s
 *
*****/

errno_t __cdecl _FUNC_NAME(unsigned char * _Dst, size_t _SizeInBytes, const unsigned char * _Src, size_t _COUNT, _LOCALE_ARG_DECL)
{
    unsigned char *p;
    size_t available;

BOOL fFoundInvalidMBC;
BOOL fIsLeadPrefix;

fFoundInvalidMBC = FALSE;

if (_COUNT == 0 && _Dst == nullptr && _SizeInBytes == 0)
{
    /* this case is allowed; nothing to do */
    _RETURN_NO_ERROR;
}

/* validation section */
_VALIDATE_STRING(_Dst, _SizeInBytes);
if (_COUNT == 0)
{
    /* notice that the source string pointer can be NULL in this case */
#pragma prefast(suppress:__WARNING_POTENTIAL_BUFFER_OVERFLOW_HIGH_PRIORITY) /* 26015 */
    _RESET_STRING(_Dst, _SizeInBytes);
    _RETURN_NO_ERROR;
}
_VALIDATE_POINTER_RESET_STRING(_Src, _Dst, _SizeInBytes);

_LOCALE_UPDATE;
if (_LOCALE_SHORTCUT_TEST)
{
    return strncpy_s((char *)_Dst, _SizeInBytes, (const char *)_Src, _COUNT);
}

p = _Dst;
available = _SizeInBytes;
if (_COUNT == _TRUNCATE)
{
    while (((p++ = *_Src++) != 0 && --available > 0)
    {
    }
}
/*
 * loop terminates with either:
 * - src, p pointing 1 byte past null, avail includes the null
 * - available == 0, p points 1 past end of dst buffer
 */
}
else
{
#if _COUNT_IN_BYTES
    while (((p++ = *_Src++) != 0 && --available > 0 && --_COUNT > 0)
    {
    }
/*
 * loop terminates with either:
 * - p points 1 byte past null, avail includes null, count includes null
 * - available == 0, p points 1 past end of dst buffer (inaccessible)
 * - count == 0, p points 1 past last written byte, space available in dst buffer
 * - always p[-1] is written.
 * sometimes p[-1] is null.
 */
#endif /* _COUNT_IN_BYTES */

/* at this point, avail count be 1. */

/* Need to track lead-byte context in order to track character count. */
do{
    if (_ISMBBLEAD(_Src))
    {
        if (_Src[1] == 0)
        {
            /*
             * Invalid MBC, write null to dst string, we are finished
             * copying. We know that available is >= 1, so there is
             * room for the null termination. If we decrement available
             * then we will incorrectly report BUFFER_TOO_SMALL.
             */
            *p++ = 0;
            fFoundInvalidMBC = TRUE;
            break;
        }
        if (available <= 2)
        {
            /* not enough space for a dbc and null */
            available = 0;
            break;
        }
        *p++ = _Src++;
        *p++ = _Src++;
        available -= 2;
    }
    else
    {
        if ((*p++ = _Src++) == 0 || --available == 0)
        {
            break;
        }
    }
}
while (--_COUNT > 0);
#endif /* _COUNT_IN_BYTES */

/* If count == 0 then at least one byte was copied and available is still > 0 */
if (_COUNT == 0)
{
    *p++ = 0;
    /* Note that available is not decremented here. */
}

if (available == 0)
{
#if _COUNT_IN_BYTES
    /* For COUNT_IN_BYTES, the above loop copied at least one byte so src,p point
    * past a written byte.
    */
    if (*_Src == 0 || _COUNT == 1)
    {
        fIsLeadPrefix = FALSE;
        _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-1]);
        if (fIsLeadPrefix)
        {
            /* the source string ended with a lead byte: we remove it */
            p[-1] = 0;
            _RETURN_MBCS_ERROR;
        }
    }
#endif /* _COUNT_IN_BYTES */

    if (_COUNT == _TRUNCATE)
    {
        if (fFoundInvalidMBC)
        {
            _SET_MBCS_ERROR;
        }

        if (_SizeInBytes > 1)
        {
            fIsLeadPrefix = FALSE;
            /* Check if 2nd to last copied byte acted as a lead.
            * Do not set mbc error because we are truncating.
            */
            _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &_Dst[_SizeInBytes - 2]);
        }
    }
}
if (fIsLeadPrefix)
{
    _Dst[_SizeInBytes - 2] = 0;
    _FILL_BYTE(_Dst[_SizeInBytes - 1]);
    _RETURN_TRUNCATE;
}

_dst[_SizeInBytes - 1] = 0;
RETURN_TRUNCATE;

_RESET_STRING(_Dst, _SizeInBytes);
RETURN_BUFFER_TOO_SMALL(_Dst, _SizeInBytes);
}

#if _COUNT_IN_BYTES
/*
 * COUNT_IN_BYTES copy loop doesn’t track lead-byte context, so can’t detect
 * invalid mbc. Detect them here.

 * available < _SizeInBytes means that at least one byte was copied so p is >= &dstBuffer[1]
 */

if ((p - _Dst) >= 2)
{
    _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-2]);
    if (fIsLeadPrefix)
    {
        /* the source string ended with a lead byte: we remove it */
        p[-2] = 0;
        available++;
        fFoundInvalidMBC = TRUE;
    }
}
#endif /* _COUNT_IN_BYTES */

_FILL_STRING(_Dst, _SizeInBytes, _SizeInBytes - available + 1);

if (fFoundInvalidMBC)
{
    _RETURN_MBCS_ERROR;
}

#pragma warning(suppress:__WARNING_POSTCONDITION_NULLTERMINATION_VIOLATION) /* 26036
REVIEW TODO test _mbsnbcpy_s_l */
.Return_NO_ERROR;
; Copyright (c) Microsoft Corporation. All rights reserved.

/**/
*mbslen.c - Find length of MBCS string
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Find length of MBCS string
*
*******************************************************************************/

/**/
*mbstok.c - Break string into tokens (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Break string into tokens (MBCS)
*
*******************************************************************************/

/**/
*stat64.c - get file status
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
* defines _stat64() - get file status
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/filesystem/stat.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsnbset.c - Sets first n bytes of string to given character (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Sets first n bytes of string to given character (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbset.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsbtype.c - Return type of byte within a string (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Return type of byte within a string (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsbtype.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsnicol.c - Collate n characters of strings, ignoring case (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Collate n characters of strings, ignoring case (MBCS)
*
*******************************************************************************/
Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnicol.cpp
No license file was found, but licenses were detected in source scan.

/***
*mbsncpy.c - Copy one string to another, n chars only (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Copy one string to another, n chars only (MBCS)
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/wcsupr.cpp
No license file was found, but licenses were detected in source scan.

/***
*wcsupr.c - routine to map lower-case characters in a wchar_t string
to upper-case
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Converts all the lower case characters in a wchar_t string
to upper case, in place.
*
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsupr.cpp
No license file was found, but licenses were detected in source scan.

/***
*strnicoll.c - Collate locale strings without regard to case
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Compare two strings using the locale LC_COLLATE information.
*       Compares at most n characters of two strings.
*
*******************************************************************************/
Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strnicol.cpp
No license file was found, but licenses were detected in source scan.

/****
*wcsnicoll.c - Collate wide-character locale strings without regard to case
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Compare two wchar_t strings using the locale LC_COLLATE information
*       without regard to case.
*       Compares at most n characters of two strings.
*       
* *******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/wcsnicol.cpp
No license file was found, but licenses were detected in source scan.

/****
*mbclevel.c - Tests if char is hiragana, katakana, alphabet or digit.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Tests for the various industry defined levels of Microsoft Kanji
*       Code.
*       
* *******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbclevel.cpp
No license file was found, but licenses were detected in source scan.

/****
*crtmbox.c - CRT MessageBoxA wrapper.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*       Wrap MessageBoxA.
*       
* *******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/crtmbox.cpp
No license file was found, but licenses were detected in source scan.

/***
 * mbsnbcpy.c - Copy one string to another, n bytes only (MBCS)
 *
 * Copyright (c) Microsoft Corporation. All rights reserved.
 *
 * Purpose:
 * Copy one string to another, n bytes only (MBCS)
 *
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbcpy.cpp
No license file was found, but licenses were detected in source scan.

;       Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strcat.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strncmp.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strlen.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strset.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strset.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strexp.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/memccpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strncpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strnccpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/memccpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strncpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strncpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/memccpy.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/amd64/strrev.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/_memicmp.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/_strnicm.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strspn.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strncmp.asm
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/i386/strnset.asm

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

/***
* getproc.c - Get the address of a procedure in a DLL.
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* defines _getdllprocadd() - gets a procedure address by name or
* ordinal
* *
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/exec/getproc.cpp

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

/***
* slbeep.c - Sleep and beep
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* defines _sleep() and _beep()
*
******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/slbeep.cpp

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

/***
* mbtowc.c - Convert multibyte char to wide char.
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* Convert a multibyte character into the equivalent wide character.

******************************************************************************/
errno_t __cdecl _FUNC_NAME(unsigned char * _Dst, size_t _SizeInBytes, unsigned int _Value, size_t _COUNT, _LOCALE_ARG_DECL)
{
    int mbcs_error = 0;
    unsigned char *p;
    size_t available;
    unsigned char highval, lowval;
    int mblead = 0;

    /* validation section */
    if (_COUNT == 0 && _Dst == nullptr && _SizeInBytes == 0)
    {
        /* this case is allowed; nothing to do */
        _RETURN_NO_ERROR;
    }
    _VALIDATE_STRING(_Dst, _SizeInBytes);
    _LOCALE_UPDATE;
    if (_LOCALE_SHORTCUT_TEST)
    {
        return _strnset_s((char *) _Dst, _SizeInBytes, (int) _Value, _COUNT);
    }

    p = _Dst;
    available = _SizeInBytes;
    highval = (unsigned char)(_Value >> 8);
    lowval = (unsigned char)(_Value & 0x00ff);

    /* ensure _Value is a valid mbchar */
    if ((highval != 0 && (lowval == 0 || !_ISMBBLEAD(highval))) ||
(highval == 0 && _ISMBBLEAD(lowval))
{
    _RESET_STRING(_Dst, _SizeInBytes);
    _RETURN_MBCS_ERROR;
}

if (highval != 0)
{
    #if _COUNT_IN_BYTES
        /* if _COUNT is odd, make it even subtracting 1 */
        /* divide _COUNT by 2 to have a count in chars instead of bytes */
        if ((_COUNT & 1) == 1)
        {
            --_COUNT;
            mbcErr = 1;
        }
        _COUNT = _COUNT / 2;
    #endif  /* _COUNT_IN_BYTES */
    while (*p != 0 && _COUNT > 0 && --available > 0)
    {
        if (p[1] == 0)
        {
            /* do not orphan leadbyte */
            *p = 0;
            ++available;
            mbcErr = 1;
            break;
        }
        /* track the mblead status in the original string */
        mblead = mblead ? 0 : _ISMBBLEAD(*p);
        *p++ = highval;
        if (--available == 0)
        {
            break;
        }
        mblead = mblead ? 0 : _ISMBBLEAD(*p);
        *p++ = lowval;
        --_COUNT;
    }
    else
    {
        while (*p != 0 && _COUNT > 0 && --available > 0)
        {
            /* track the mblead status in the original string */
            mblead = mblead ? 0 : _ISMBBLEAD(*p);
            *p++ = lowval;
            --_COUNT;
        }
    }
}
/* if the last written byte overlaps a leadbyte,
 * copy a space over the corresponding trailbyte */
if (_COUNT == 0 && mblead && *p != 0 && --available > 0)
{
    mbc_error = 1;
    if (p[1] == 0)
    {
        /* special case: if the space would be followed by 0, just put a 0 */
        *p = 0;
        ++available;
    }
    else
    {
        *p++ = ' ';    
    }
}

if (_COUNT == 0)
{
    /* ensure the string is null-terminated */
    while (*p != 0 && --available > 0)
    {
        ++p;
    }
}

if (available == 0)
{
    _RESET_STRING(_Dst, _SizeInBytes);
    _RETURN_DEST_NOT_NULL_TERMINATED(_Dst, _SizeInBytes);
}

_FILL_STRING(_Dst, _SizeInBytes, _SizeInBytes - available + 1);
if (mbcs_error)
{
    _RETURN_MBCS_ERROR;
}
else
{
    _RETURN_NO_ERROR;
}

Found in path(s):
* /opt/cola/permis/1173880494_1627549269.64/0/ucrt-10.0.19041.0-tar-gz/ucrt-10.0.19041.0/mbsnset_s.inl
No license file was found, but licenses were detected in source scan.

/***
* strnicmp.cpp - compare n chars of strings, ignoring case
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* * defines _strnicmp() - Compares at most n characters of two strings,
* * without regard to case.
* *
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/string/strnicmp.cpp
No license file was found, but licenses were detected in source scan.

/***
* safeint.h - SafeInt class and free-standing functions used to prevent arithmetic overflows
* *
* Copyright (c) Microsoft Corporation. All rights reserved.
* *
* Purpose:
* *
* The SafeInt class is designed to have as low an overhead as possible
* * while still ensuring that all integer operations are conducted safely.
* * Nearly every operator has been overloaded, with a very few exceptions.
* *
* * A usability-safety trade-off has been made to help ensure safety. This
* * requires that every operation return either a SafeInt or a bool. If we
* * allowed an operator to return a base integer type T, then the following
* * can happen:
* *
* char i = SafeInt<char>(32) * 2 + SafeInt<char>(16) * 4;
* *
* The * operators take precedence, get overloaded, return a char, and then
* * you have:
* *
* char i = (char)64 + (char)64; //overflow!
* *
* This situation would mean that safety would depend on usage, which isn't
* * acceptable.
* *
* One key operator that is missing is an implicit cast to type T. The reason for
* this is that if there is an implicit cast operator, then we end up with
* an ambiguous compile-time precedence. Because of this ambiguity, there
* are two methods that are provided:
Casting operators for every native integer type

SafeInt::Ptr() - returns the address of the internal integer

The SafeInt class should be used in any circumstances where ensuring integrity of the calculations is more important than performance. See Performance Notes below for additional information.

Many of the conditionals will optimize out or be inlined for a release build (especially with /Ox), but it does have significantly more overhead, especially for signed numbers. If you do not _require_ negative numbers, use unsigned integer types - certain types of problems cannot occur, and this class performs most efficiently.

Here's an example of when the class should ideally be used -

```cpp
void* AllocateMemForStructs(int StructSize, int HowMany)
{
    SafeInt<unsigned long> s(StructSize);
    s *= HowMany;
    return malloc(s);
}
```

Here's when it should NOT be used:

```cpp
void foo()
{
    int i;
    for(i = 0; i < 0xffff; i++)
        ...
}
```

Error handling - a SafeInt class will throw exceptions if something objectionable happens. The exceptions are SafeIntException classes, which contain an enum as a code.

Typical usage might be:

```cpp
bool foo()
{
    SafeInt<unsigned long> s; //note that s == 0 unless set
    try{
        s *= 23;
    }
```
*   ....
*   }
*   catch(SafeIntException err)
*   {  
*         //handle errors here
*   }
*   }
*   }
*   SafeInt accepts an error policy as an optional template parameter.
*   We provide two error policy along with SafeInt: SafeIntErrorPolicy_SafeIntException, which
*   throws SafeIntException in case of error, and SafeIntErrorPolicy_InvalidParameter, which
*   calls _invalid_parameter to terminate the program.
*   
*   You can replace the error policy class with any class you like. This is accomplished by:
*   1) Create a class that has the following interface:
*   
*   struct YourSafeIntErrorPolicy
*   {  
*       static __declspec(noreturn) void __stdcall SafeIntOnOverflow()
*       {  
*           throw YourException( YourSafeIntArithmeticOverflowError );
*       // or do something else which will terminate the program
*       }
*       static __declspec(noreturn) void __stdcall SafeIntOnDivZero()
*       {  
*           throw YourException( YourSafeIntDivideByZeroError );
*       // or do something else which will terminate the program
*       }
*   }
*   
*   Note that you don't have to throw C++ exceptions, you can throw Win32 exceptions, or do
*   anything you like, just don't return from the call back into the code.
*   
*   2) Either explicitly declare SafeInts like so:
*   SafeInt< int, YourSafeIntErrorPolicy > si;
*   or, before including SafeInt:
*   #define _SAFEINT_DEFAULT_ERROR_POLICY ::YourSafeIntErrorPolicy
*   
*   Performance:
*   
*   Due to the highly nested nature of this class, you can expect relatively poor
*   performance in unoptimized code. In tests of optimized code vs. correct inline checks
*   in native code, this class has been found to take approximately 8% more CPU time (this varies),
*   most of which is due to exception handling.
*   
*   Binary Operators:
All of the binary operators have certain assumptions built into the class design. This is to ensure correctness. Notes on each class of operator follow:

Arithmetic Operators (*,+,−,%,)
There are three possible variants:
SafeInt< T, E > op SafeInt< T, E >
SafeInt< T, E > op U
U op SafeInt< T, E >

The SafeInt< T, E > op SafeInt< U, E > variant is explicitly not supported, and if you try to do this the compiler with throw the following error:

error C2593: 'operator *' is ambiguous

This is because the arithmetic operators are required to return a SafeInt of some type. The compiler cannot know whether you'd prefer to get a type T or a type U returned. If you need to do this, you need to extract the value contained within one of the two using the casting operator. For example:

SafeInt< T, E > t, result;
SafeInt< U, E > u;

result = t * (U)u;

Comparison Operators:

Because each of these operators return type bool, mixing SafeInts of differing types is allowed.

Shift Operators:

Shift operators always return the type on the left hand side of the operator. Mixed type operations are allowed because the return type is always known.

Boolean Operators:

Like comparison operators, these overloads always return type bool, and mixed-type SafeInts are allowed. Additionally, specific overloads exist for type bool on both sides of the operator.

Binary Operators:

Mixed-type operations are discouraged, however some provision has been made in order to enable things like:

SafeInt<char> c = 2;

if(c & 0x02)
The "0x02" is actually an int, and it needs to work.

In the case of binary operations on integers smaller than 32-bit, or of mixed type, corner cases do exist where you could get unexpected results. In any case where SafeInt returns a different result than the underlying operator, it will call _ASSERTE(). You should examine your code and cast things properly so that you are not programming with side effects.

Comparison Operators and ANSI Conversions:

The comparison operator behavior in this class varies from the ANSI definition.

As an example, consider the following:

unsigned int l = 0xffffffff;
char c = -1;

if(c == l)
  printf("Why is -1 equal to 4 billion??\n");

The problem here is that c gets cast to an int, now has a value of 0xffffffff, and then gets cast again to an unsigned int, losing the true value. This behavior is despite the fact that an __int64 exists, and the following code will yield a different (and intuitively correct) answer:

if((__int64)c == (__int64)l))
  printf("Why is -1 equal to 4 billion??\n");
else
  printf("Why doesn't the compiler upcast to 64-bits when needed?\n");

Note that combinations with smaller integers won't display the problem - if you changed "unsigned int" above to "unsigned short", you'd get the right answer.

If you prefer to retain the ANSI standard behavior insert, before including safeint.h:

#define _SAFEINT_ANSI_CONVERSIONS 1

into your source. Behavior differences occur in the following cases:

8, 16, and 32-bit signed int, unsigned 32-bit int
any signed int, unsigned 64-bit int
Note - the signed int must be negative to show the problem

****

Found in path(s):
*/opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/include/safeint.h

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*\texttt{wsetlocale.cpp} - Contains the \texttt{wsetlocale} function
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Contains the \texttt{wsetlocale()} function.
*
****/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/locale/wsetlocale.cpp
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/***
*\texttt{dbgrptt.c} - Debug CRT Reporting Functions
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*
***********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/misc/dbgrptt.cpp
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/***
*\texttt{mbsnicmp.c} - Compare n characters of strings, ignoring case (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Compare n characters of strings, ignoring case (MBCS)
*
***********************************************************************/

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnicmp.cpp
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/***
*\texttt{mbsnbset_s.c} - Sets first n bytes of string to given character (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
*
***********************************************************************/
Sets first n bytes of string to given character (MBCS)

******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbsnbset_s.cpp

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/***
*mbscat_s.c - Concatenate one string to another (MBCS)
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Concatenate one string to another (MBCS)
* *
******************************************************************************

Found in path(s):
* /opt/cola/permits/1173880494_1627549269.64/0/ucrt-10-0-19041-0-tar-gz/ucrt-10.0.19041.0/mbstring/mbscat_s.cpp

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/***
*mbsinc.c - Move MBCS string pointer ahead one charcter.
*
*       Copyright (c) Microsoft Corporation. All rights reserved.
* *
*Purpose:
*       Move MBCS string pointer ahead one character.
* *
******************************************************************************

Found in path(s):
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1.202 winscp 5.15.9.0
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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this
will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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1.203 microsoft-identitymodel-protocols

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1.204 dotnetzip 1.13.6.bbea98

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Martin Richards
23 February 2007

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Bit Twiddling Hacks

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1.212 angle-sharp 0.14.0

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1.213 awssdk-core 1.0.0

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1.214 microsoft-codeanalysis-csharp-scripting 2.9.0-beta8-63208-01

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https://github.com/madler/zlib
http://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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John R. Hauser
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https://github.com/santoshsahoo/nbench (mirror of the same code)

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1.221 microsoft-extensions-dependencymodel 2.1.0

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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Martin Richards
23 February 2007

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h/SoDBench.cs#L738
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<ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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John R. Hauser
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https://github.com/santoshsahoo/nbench (mirror of the same code)

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**1.226 autofacwebapi 4.1.0-CI-245**

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1.227 nlog 4.6.8
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1.228 system-valuetuple 4.6.26515.06

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1.229 swashbuckle-aspnetcore-swaggerui

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1.230 microsoft-extensions-logging-abstractions 3.1.2

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1.231 itextsharplgpl 4.1.6.0

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begincmap

/78-EUC-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
end def

/CMapName /78-EUC-V def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25355] def

/WMode 1 def

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% %EOF
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% %IncludeResource: ProcSet (CIDInit)
% %BeginResource: CMap (GBK-EUC-H)
% %Title: (GBK-EUC-H Adobe GB1 2)
% %Version: 11.001
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% %Copyright: Patents Pending
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/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 2 def
end def

/CMapName /GBK-EUC-H def
/CMapVersion 11.001 def
/CMapType 1 def

/XUID [1 10 25377] def

/WMode 0 def

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KPX Racute Odieresis -20
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KPX Tcaron ograve -80
KPX Tcaron ohungarumlaut -80
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KPX zcaron ecaron 10
KPX zcaron ecircumflex 10
KPX zcaron edieresis 10
KPX zcaron edotaccent 10
/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

/KSCms-UHC-HW-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

/CMapName /KSCms-UHC-HW-V def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25417] def

/WMode 1 def

16 begincidrange
<a1a2> <a1a3> 8056
<a1a5> <a1a5> 8058
<a1a6> <a1a6> 8320
<a1a9> <a1ab> 8059
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<a3fb> <a3fe> 8090
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Open Source Used In IMI IMI-ENGAGE 4952

---

% %EndResource
% %EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (HKgccs-B5-H)
%!Title: (HKgccs-B5-H Adobe CNS1 1)
%!Version: 1.001
%!Copyright: *-------------------------------------------------------------------
%!Copyright: Copyright 1990-200 Adobe Systems Incorporated.
%!Copyright: All Rights Reserved.
%!Copyright:
%!Copyright: Patents Pending
%!Copyright:
%!Copyright: NOTICE: All information contained herein is the property
/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKgccs-B5-H def
/CMapVersion 1.001 def
/CMapType 1 def

/XUID [1 10 25399] def

/WMode 0 def

2 begincodespacerange
<00> <80>
<8A40> <FEFE>
end codespacerange

1 beginnotdefrange
<00> <1F> 1
end notdefrange

100 begin cidrange
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<8AA1> <8ACE> 17223
<8B41> <8B42> 17292
<8B45> <8B45> 17294
<a340> <a37e> 413
<a3a1> <a3bb> 476
<a3bd> <a3bf> 503
<a440> <a47e> 595
<a4a1> <a4fe> 658
<a540> <a57e> 752
<a5a1> <a5fe> 815
<a640> <a67e> 909
<a6a1> <a6fe> 972
<a740> <a77e> 1066
<a7a1> <a7fe> 1129
<a840> <a87e> 1223
<a8a1> <a8fe> 1286
<endcidrange

100 begincidrange
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<aaa1> <aa7e> 1537
<aab1> <aafe> 1600
<aba1> <ab7e> 1694
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<b540> <b57e> 3264
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<b640> <b67e> 3421
<b6a1> <b6fe> 3484
<b740> <b77e> 3578
<b7a1> <b7fe> 3641
<0a5>  291
endcidrange
dendcmap
CMapName currentdict /CMap defineresource pop
derend

%%%EndResource
%%%EOF
%!PS-Adobe-3.0 Resource-CMap
%%%DocumentNeededResources: ProcSet (CIDInit)
%%%DocumentNeededResources: CMap (HKdlb-B5-H)
%%%IncludeResource: ProcSet (CIDInit)
%%%IncludeResource: CMap (HKdlb-B5-H)
%%%BeginResource: CMap (HKdlb-B5-V)
%%%Title: (HKdlb-B5-V Adobe CNS1 1)
%%%Version: 12.000
%%%Copyright: -------------------------------
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%%%Copyright: -------------------------------
%%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

descmap

/HKdlb-B5-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
Ascender 629

Descender -157

StdHW 51

StdVW 51

StartCharMetrics 315

C 32 ; WX 600 ; N space ; B 0 0 0 0 ;

C 33 ; WX 600 ; N exclaim ; B 236 -15 364 572 ;

C 34 ; WX 600 ; N quotedbl ; B 187 328 413 562 ;

C 35 ; WX 600 ; N numbersign ; B 93 -32 507 639 ;

C 36 ; WX 600 ; N dollar ; B 105 -126 496 662 ;

C 37 ; WX 600 ; N percent ; B 81 -15 518 622 ;

C 38 ; WX 600 ; N ampersand ; B 63 -15 538 543 ;

C 39 ; WX 600 ; N quoteright ; B 213 328 376 562 ;

C 40 ; WX 600 ; N parenleft ; B 269 -108 440 622 ;

C 41 ; WX 600 ; N parenright ; B 160 -108 331 622 ;

C 42 ; WX 600 ; N asterisk ; B 116 257 484 607 ;

C 43 ; WX 600 ; N plus ; B 80 44 520 470 ;

C 44 ; WX 600 ; N comma ; B 181 -112 344 122 ;

C 45 ; WX 600 ; N hyphen ; B 103 231 497 285 ;

C 46 ; WX 600 ; N period ; B 229 -15 371 109 ;

C 47 ; WX 600 ; N slash ; B 125 -80 475 629 ;

C 48 ; WX 600 ; N zero ; B 106 -15 494 622 ;

C 49 ; WX 600 ; N one ; B 96 0 505 622 ;

C 50 ; WX 600 ; N two ; B 70 0 471 622 ;
Open Source Used in IMI IMI-ENGAGE 4976
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%!IncludeResource: ProcSet (CIDInit)
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%!Title: (GBpc-EUC-V Adobe GB1 0)
%!Version: 9.001
%!Copyright: -----------------------------------------
%!Copyright: All Rights Reserved.
%!Copyright:
%!Copyright: Patents Pending
%!Copyright:
%!Copyright: NOTICE: All information contained herein is the property
%!Copyright: of Adobe Systems Incorporated.
%!Copyright:
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%!Copyright: certain jurisdictions.
%!Copyright: -----------------------------------------
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12 dict begin

beginmap

/GBpc-EUC-H usecmap
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%%Copyright: way from its original form.
%%Copyright: PostScript and Display PostScript are trademarks of
%%Copyright: Adobe Systems Incorporated which may be registered in
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/Ordering (CNS1) def
/Supplement 0 def
end def

/CMapName /CNS-EUC-H def
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Open Source Used in IMI IMI-ENGAGE 5762
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%!Title: (KSC-Johab-V Adobe Korea1 1)
%!Version: 10.001
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%!Copyright: All Rights Reserved.
%!Copyright: Patents Pending
%!Copyright: NOTICE: All information contained herein is the property
%!Copyright: of Adobe Systems Incorporated.
% % EndResource
% % EOF
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/WMode 1 def

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endcmap

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end
end

%%EndResource
%%EOF

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%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (KSCms-UHC-H)
%%Title: (KSCms-UHC-H Adobe Korea1 1)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
%%Copyright: All Rights Reserved.
%%Copyright:
%%Copyright: Patents Pending
%%Copyright:
%%Copyright: NOTICE: All information contained herein is the property
%%Copyright: of Adobe Systems Incorporated.
%%Copyright:
%%Copyright: Permission is granted for redistribution of this file
%%Copyright: provided this copyright notice is maintained intact and
%%Copyright: that the contents of this file are not altered in any
%%Copyright: way from its original form.
%%Copyright:
%%Copyright: PostScript and Display PostScript are trademarks of
%%Copyright: Adobe Systems Incorporated which may be registered in
%%Copyright: certain jurisdictions.
%%Copyright: -----------------------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

/CMapName /KSCms-UHC-H def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 430 def
/XUID [1 10 25409] def

/WMode 0 def

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CMapName currentdict /CMap defineresource pop
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%%EndResource
%%EOF
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%%DocumentNeededResources: ProcSet (CIDInit)
%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (GB-H)
%%Title: (GB-H Adobe GB1 0)
%%Version: 9.001
%%Copyright: ----------------------------------------
%%Copyright: All Rights Reserved.
12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 0 def
end def

/CMapName /GB-H def
/CMapVersion 9.001 def
/CMapType 1 def

/UIDOffset 200 def
/XUID [1 10 25362] def

/WMode 0 def

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88 begin cidrange
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% Copyright: -------------------------------
% EndComments

/CIDInit /ProcSet findresource begin
endcidrange
dendmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!DocumentNeededResources: CMap (UniJIS-UTF16-H)
%!IncludeResource: ProcSet (CIDInit)
%!IncludeResource: CMap (UniJIS-UTF16-H)
%!BeginResource: CMap (UniJIS-UTF16-V)
%!Title: (UniJIS-UTF16-V Adobe Japan1 5)
%!Version: 1.000
%!Copyright: -----------------------------------------------------------------
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%!Copyright: -----------------------------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/UniJIS-UTF16-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 5 def
end def

/CMapName /UniJIS-UTF16-V def
/CMapVersion 1.000 def
/CMapType 1 def

/XUID [1 10 25612] def

/WMode 1 def

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StdVW 84

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C 34 ; WX 408 ; N quotedbl ; B 77 431 331 676 ;

C 35 ; WX 500 ; N numbersign ; B 5 0 496 662 ;

C 36 ; WX 500 ; N dollar ; B 44 -87 457 727 ;

C 37 ; WX 833 ; N percent ; B 61 -13 772 676 ;

C 38 ; WX 778 ; N ampersand ; B 42 -13 750 676 ;

C 39 ; WX 333 ; N quoteright ; B 79 433 218 676 ;

C 40 ; WX 333 ; N parenleft ; B 48 -177 304 676 ;

C 41 ; WX 333 ; N parenright ; B 29 -177 285 676 ;

C 42 ; WX 500 ; N asterisk ; B 69 265 432 676 ;

C 43 ; WX 564 ; N plus ; B 30 0 534 506 ;

C 44 ; WX 250 ; N comma ; B 56 -141 195 102 ;

C 45 ; WX 333 ; N hyphen ; B 39 194 285 257 ;

C 46 ; WX 250 ; N period ; B 70 -11 181 100 ;

C 47 ; WX 278 ; N slash ; B -9 -14 287 676 ;

C 48 ; WX 500 ; N zero ; B 24 -14 476 676 ;

C 49 ; WX 500 ; N one ; B 111 0 394 676 ;

C 50 ; WX 500 ; N two ; B 30 0 475 676 ;

C 51 ; WX 500 ; N three ; B 43 -14 431 676 ;
Open Source Used In IMI IMI-ENGAGE 6240
Open Source Used In IMI IMI-ENGAGE 6242
C -1 ; WX 500 ; N gcommaaccent ; B 28 -218 470 749 ;
C -1 ; WX 500 ; N eth ; B 29 -10 471 686 ;
C -1 ; WX 444 ; N zcaron ; B 27 0 418 674 ;
C -1 ; WX 500 ; N ncommaaccent ; B 16 -218 485 460 ;
C -1 ; WX 300 ; N onebaseior ; B 57 270 248 676 ;
C -1 ; WX 278 ; N imacron ; B 6 0 271 601 ;
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EndCharMetrics

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StartKernPairs 2073

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% EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
end def

/CMapName /78-EUC-H def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25347] def

/WMode 0 def

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<A1A1> <FEFE>
end codespacerange

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endcidrange
endcidrange

100 begincidrange

endcidrange
Open Source Used In IMI IMI-ENGAGE 6341
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%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (UniCNS-UTF16-H)
%!Title: (UniCNS-UTF16-H Adobe CNS1 4)
%!Version: 1.003
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12 dict begin

beginmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 4 def
end def

/CMapName /UniCNS-UTF16-H def
/CMapVersion 1.003 def
/CMapType 1 def
/XUID [1 10 25591] def
/WMode 0 def

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begincmap
'/78-H usecmap
CIDInit /ProcSet findresource begin
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Open Source Used In IMI IMI-ENGAGE 7054
Descender -217

StdHW 42

StdVW 121

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end
end

%%%EndResource
%%%EOF
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Comment Creation Date: Mon Jun 23 16:28:46 1997

Comment UniqueID 43049

Comment VMusage 17529 79244

FontName Courier-BoldOblique

FullName Courier Bold Oblique

FamilyName Courier

Weight Bold

ItalicAngle -12

IsFixedPitch true

CharacterSet ExtendedRoman

FontBBox -57 -250 869 801

UnderlinePosition -100
UnderlineThickness 50

Version 003.000


EncodingScheme AdobeStandardEncoding

CapHeight 562

XHeight 439

Ascender 629

Descender -157

StdHW 84

StdVW 106

StartCharMetrics 315

C 32 ; WX 600 ; N space ; B 0 0 0 0 ;

C 33 ; WX 600 ; N exclamation ; B 215 -15 495 572 ;

C 34 ; WX 600 ; N doublequote ; B 211 277 585 562 ;

C 35 ; WX 600 ; N numbersign ; B 88 -45 641 651 ;

C 36 ; WX 600 ; N dollar ; B 87 -126 630 666 ;

C 37 ; WX 600 ; N percent ; B 101 -15 625 616 ;

C 38 ; WX 600 ; N ampersand ; B 61 -15 595 543 ;

C 39 ; WX 600 ; N singlequote ; B 229 277 543 562 ;

C 40 ; WX 600 ; N leftparen ; B 265 -102 592 616 ;

C 41 ; WX 600 ; N rightparen ; B 117 -102 444 616 ;

C 42 ; WX 600 ; N asterisk ; B 179 219 598 601 ;

C 43 ; WX 600 ; N plus ; B 114 39 596 478 ;

C 44 ; WX 600 ; N comma ; B 99 -111 430 174 ;
Open Source Used In IMI IMI-ENGAGE 7235
C -1 ; WX 600 ; N Zacute ; B 62 0 665 784 ;
C -1 ; WX 600 ; N Zcaron ; B 62 0 659 790 ;
C -1 ; WX 600 ; N greaterequal ; B 26 0 627 696 ;
C -1 ; WX 600 ; N Eth ; B 30 0 627 696 ;
C -1 ; WX 600 ; N Ccedilla ; B 74 -206 675 580 ;
C -1 ; WX 600 ; N lcommaaccent ; B 77 -250 546 626 ;
C -1 ; WX 600 ; N tcaron ; B 118 -15 627 703 ;
C -1 ; WX 600 ; N eogonek ; B 81 -199 605 454 ;
C -1 ; WX 600 ; N Uogonek ; B 101 -199 716 562 ;
C -1 ; WX 600 ; N Aacute ; B -9 0 655 784 ;
C -1 ; WX 600 ; N Adieresis ; B -9 0 632 761 ;
C -1 ; WX 600 ; N egrave ; B 81 -15 605 661 ;
C -1 ; WX 600 ; N zacute ; B 81 0 614 661 ;
C -1 ; WX 600 ; N iogonek ; B 77 -199 546 658 ;
C -1 ; WX 600 ; N Oacute ; B 74 -18 645 784 ;
C -1 ; WX 600 ; N oacute ; B 71 -15 649 661 ;
C -1 ; WX 600 ; N amacron ; B 61 -15 637 585 ;
C -1 ; WX 600 ; N sacute ; B 66 -17 609 661 ;
C -1 ; WX 600 ; N idieresis ; B 77 0 561 618 ;
C -1 ; WX 600 ; N ocircumflex ; B 74 -18 645 780 ;
C -1 ; WX 600 ; N Ugrave ; B 101 -18 716 784 ;
C -1 ; WX 600 ; N Delta ; B 6 0 594 688 ;
C -1 ; WX 600 ; N thorn ; B -32 -142 622 626 ;
C -1 ; WX 600 ; N twobaseior ; B 191 230 542 616 ;
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% EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/90msp-RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 2 def
end def

/CMapName /90msp-RKSJ-V def
/CMapVersion 11.001 def
/CMapType 1 def

/XUID [1 10 25446] def

/WMode 1 def

78 begin crid range
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Comment VMusage 30820 39997

FontName Symbol

FullName Symbol

FamilyName Symbol

Weight Medium

ItalicAngle 0

IsFixedPitch false

CharacterSet Special

FontBBox -180 -293 1090 1010

UnderlinePosition -100

UnderlineThickness 50

Version 001.008

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EncodingScheme FontSpecific

StdHW 92

StdVW 85

StartCharMetrics 190

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C 34 ; WX 713 ; N universal ; B 31 0 681 705 ;

C 35 ; WX 500 ; N numbersign ; B 20 -16 481 673 ;

C 36 ; WX 549 ; N existential ; B 25 0 478 707 ;

C 37 ; WX 833 ; N percent ; B 63 -36 771 655 ;
C 110 ; WX 521 ; N nu ; B -9 -16 475 507 ;
C 111 ; WX 549 ; N omicron ; B 35 -19 501 499 ;
C 112 ; WX 549 ; N pi ; B 10 -19 530 487 ;
C 113 ; WX 521 ; N theta ; B 43 -17 485 690 ;
C 114 ; WX 549 ; N rho ; B 50 -230 490 499 ;
C 115 ; WX 603 ; N sigma ; B 30 -21 588 500 ;
C 116 ; WX 439 ; N tau ; B 10 -19 418 500 ;
C 117 ; WX 576 ; N upsilon ; B 7 -18 535 507 ;
C 118 ; WX 713 ; N omega1 ; B 12 -18 671 583 ;
C 119 ; WX 686 ; N omega ; B 42 -17 684 500 ;
C 120 ; WX 493 ; N xi ; B 27 -224 469 766 ;
C 121 ; WX 686 ; N psi ; B 12 -228 701 500 ;
C 122 ; WX 494 ; N zeta ; B 60 -225 467 756 ;
C 123 ; WX 480 ; N bracelleft ; B 58 -183 397 673 ;
C 124 ; WX 200 ; N bar ; B 65 -293 135 707 ;
C 125 ; WX 480 ; N bracerright ; B 79 -183 418 673 ;
C 126 ; WX 549 ; N similar ; B 17 203 529 307 ;
C 160 ; WX 750 ; N Euro ; B 20 -12 714 685 ;
C 161 ; WX 620 ; N Upsilon1 ; B -2 0 610 685 ;
C 162 ; WX 247 ; N minute ; B 27 459 228 735 ;
C 163 ; WX 549 ; N lessequal ; B 29 0 526 639 ;
C 164 ; WX 167 ; N fraction ; B -180 -12 340 677 ;
C 165 ; WX 713 ; N infinity ; B 26 124 688 404 ;
C 166 ; WX 500 ; N florin ; B 2 -193 494 686 ;
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%
%IncludeResource: ProcSet (CIDInit)
%
%BeginResource: CMap (Hiragana)
%
%Title: (Hiragana Adobe Japan1 0)
%
%Version: 10.001
%
%Copyright: ----------------------------------------------------------------------
%
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%
%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

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/Ordering (Japan1) def
/Supplement 0 def
end def
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/Ordering (Japan1) def
/Supplement 2 def
end def

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%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/GBTpc-EUC-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 1 def
end def

/CMapName /GBTpc-EUC-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 680 def
/XUID [1 10 25375] def

/WMODE 1 def

20 begin incidrange
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<a1fe> <a1fe> 7706

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Open Source Used In IMI IMI-ENGAGE 7520
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%%DocumentNeededResources: ProcSet (CIDInit)
%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (NWP-H)
%%Title: (NWP-H Adobe Japan1 0)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
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%%Copyright: -----------------------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin
12 dict begin

begincmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
end def

/CMapName /NWP-H def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25336] def

/WMode 0 def

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C 59 ; WX 333 ; N semicolon ; B 82 -180 266 472 ;
C 60 ; WX 570 ; N less ; B 31 -8 539 514 ;
C 61 ; WX 570 ; N equal ; B 33 107 537 399 ;
C 62 ; WX 570 ; N greater ; B 31 -8 539 514 ;
C 63 ; WX 500 ; N question ; B 57 -13 445 689 ;
C 64 ; WX 930 ; N at ; B 108 -19 822 691 ;
C 65 ; WX 722 ; N A ; B 9 0 689 690 ;
C 66 ; WX 667 ; N B ; B 16 0 619 676 ;
C 67 ; WX 722 ; N C ; B 49 -19 687 691 ;
C 68 ; WX 722 ; N D ; B 14 0 690 676 ;
C 69 ; WX 667 ; N E ; B 16 0 641 676 ;
C 70 ; WX 611 ; N F ; B 16 0 583 676 ;
C 71 ; WX 778 ; N G ; B 37 -19 755 691 ;
C 72 ; WX 778 ; N H ; B 21 0 759 676 ;
C 73 ; WX 389 ; N I ; B 20 0 370 676 ;
C 74 ; WX 500 ; N J ; B 3 -96 479 676 ;
C 75 ; WX 778 ; N K ; B 30 0 769 676 ;
C 76 ; WX 667 ; N L ; B 19 0 638 676 ;
C 77 ; WX 944 ; N M ; B 14 0 921 676 ;
C 78 ; WX 722 ; N N ; B 16 -18 701 676 ;
C 79 ; WX 778 ; N O ; B 35 -19 743 691 ;
C 80 ; WX 611 ; N P ; B 16 0 600 676 ;
Open Source Used In IMI IMI-ENGAGE 7546
C -1 ; WX 278 ; N imacron ; B -8 0 272 637 ;
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StartKernPairs 2242

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EndKernData

EndFontMetrics
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C 37 ; WX 889 ; N percent ; B 147 -19 889 703 ;
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Open Source Used In IMI IMI-ENGAGE 7738
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EndKernData

EndFontMetrics
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%%DocumentNeededResources: CMap (UniJIS-UCS2-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (UniJIS-UCS2-H)
%%BeginResource: CMap (UniJISPro-UCS2-V)
%%Title: (UniJISPro-UCS2-V Adobe Japan1 4)
%%Version: 1.000
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%%Copyright: -----------------------------------------------------------
%%EndComments

/CIDInit/ProcSet findresource begin
12 dict begin

begin cmap

/UniJIS-UCS2-H use cmap

/CIDSystemInfo 3 dict dup begin
  /Registry (Adobe) def
  /Ordering (Japan1) def
  /Supplement 4 def
end def

/CMapName /UniJISPro-UCS2-V def
/CMapVersion 1.000 def
/CMapType 1 def

/XUID [1 10 25535] def

/WMode 1 def

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12 dict begin

begin cmap

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/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKm471-B5-H def
/CMapVersion 1.001 def
/CMapType 1 def

/XUID [1 10 25525] def

/WMode 0 def

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end
end

%%EndResource
%%EOF
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%%DocumentNeededResources: CMap (GBKp-EUC-H)
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Open Source Used In IMI IMI-ENGAGE 7806
/UniJIS-UTF32-H use cmap

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/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 5 def
def
end def

/CMapName /UniJIS-UTF32-V def
/CMapVersion 1.000 def
/CMapType 1 def

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/WMode 1 def

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Open Source Used In IMI IMI-ENGAGE 7825
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endcidrange
Open Source Used In IMI IMI-ENGAGE 7832

endcidrange

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Open Source Used In IMI IMI-ENGAGE 8270
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%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (Hankaku)
%%Title: (Hankaku Adobe Japan1 0)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
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%%Copyright: -----------------------------------------------------------
%%EndComments
# Name:          Adobe Glyph List  
# Table version: 2.0  
# Date:          September 20, 2002
#  
# See http://partners.adobe.com/asn/developer/typeforum/unicodegn.html
#  
# Format: Semicolon-delimited fields:
#     (1) glyph name
#     (2) Unicode scalar value
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AE;00C6
AEacute;01FC
AEmacron;01E2
AEmacron;01E2AE;00C6
AEsmall;F7E6
Aacute;00C1
Acutesmall;F7E1
A breve;0102
A breveacute;1EA8
Abrevecyrillic;04D0
Abreevedotbelow;1EB6
Abrehevgrave;1EB0
Abreevhookabove;1EB2
Abreveltild;1EB4
Acaron;01CD
Acircle;24B6
Acircumflex;00C2
Acircumflexacute;1EA4
Acircumflexdotbelow;1EAC
Acircumflexgrave;1EA6
Acircumflexhookabove;1EA8
Acircumflexsmall;F7E2
Acircumflextilde;1EAA
Acute;F6C9
Acutesmall;F7B4
Acyrillic;0410
Adblgrave;0200
Adieresis;00C4
Adieresisicyrillic;04D2
Adieresisimacron;01DE
Adieresisimacron;01DE
Adieresisimacron;01DE
Adotbelow;1EA0
Adotmacron;01E0
Agrave;00C0
Agravesmall;F7E0
Ahookabove;1EA2
Acyrillic;04D4
Ainvertedbreve;0202
Alpha;0391
Open Source Used In IMI IMI-ENGAGE 8622
Open Source Used in IMI IMI-ENGAGE 8642
elcyrillic:043B
element;2208
elevencircle;246A
elevenparen;247E
elevenperiod;2492
elevenroman;217A
ellipsis;2026
ellipsisvertical;22EE
emacron;0113
emacronacute;1E17
emacrongrave;1E15
emcyrillic:043C
emdash;2014
emdashvertical;FE31
emonospace;FF45
emphasismarkarmenian;055B
emptyset;2205
enbopomofo;3123
encyrillic;043D
endash;2013
endashvertical;FE32
endescendercyrillic;04A3
eng;014B
engbopomofo;3125
enghecyrillic;04A5
enhookcyrillic;04C8
enspace;2002
eogonek;0119
eokorean;3153
eopen;025B
eopenclosed;029A
openreversed;025C
openreversedclosed;025E
openreversedhook;025D
eparen;24A0
epsilon;03B5
epsilontonos;03AD
equal;003D
equalmonospace;FF1D
equalsmall;FE66
equalsuperior;207C
equivalence;2261
erbopomofo;3126
ercyrillic;0440
ereversed;0258
reversedcyrillic;044D
escyrillic;0441
esdescendercyrillic;04AB
fivehangzhou;3025
civeideo
graphic;3224
civeinferior;2085
civemonospace;FF15
civeoldstyle;F735
civeparen;2478
civeperiod;248C
civepersian;06F5
civeroman;2174
civesuperior;2075
civethai;0E55
fl;FB02
florin;0192
fmonospace;FF46
fmsquare;3399
fofanthai;0E1F
fofatthai;0E1D
fongmanthai;0E4F
forall;2200
four;0034
fourarabic;0664
fourbengali;09EA
foercircle;2463
foercircleinversesansserif;278D
fourdeva;096A
fourgujarati;0AEA
fourgurmukhi;0A6A
fourhackerabic;0664
fourhangzhou;3024
fourideographicparen;3223
fourinferior;2084
fourmonospace;FF14
fournumeratorbengali;09F7
fouroldstyle;F734
fourparen;2477
fourperiod;248B
fourpersian;06F4
fourroman;2173
foursuperior;2074
fourteen
circle;246D
fourteenparen;2481
fourteenperiod;2495
fourthai;0E54
fourthtonechinese;02CB
fparen;24A1
fraction;2044
franc;20A3
g;0067
Open Source Used In IMI IMI-ENGAGE 8648
Open Source Used In IMI IMI-ENGAGE 8650

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hatafqamatsnarrowhebrew;05B3
hatafqamatsquarterhebrew;05B3
hatafqamatswidehebrew;05B3
hatafsegol;05B1
hatafsegol17;05B1
hatafsegol24;05B1
hatafsegol30;05B1
hatafsegolhebrew;05B1
hatafsegolnarrowhebrew;05B1
hatafsegolquarterhebrew;05B1
hatafsegolwidehebrew;05B1
hbar;0127
hbopomofo;310F
hbrevebelow;1E2B
hcedilla;1E29
hcircle;24D7
hcircumflex;0125
hdieresis;1E27
hdotaccent;1E23
hdotbelow;1E25
he;05D4
heart;2665
heartsuitblack;2665
heartsuitwhite;2661
hedagesh;FB34
hedageshhebrew;FB34
hehaltonearabic;06C1
heharabic;0647
hehebrew;05D4
hefinalaltonearabic;FBA7
hefinalalttwoarabic;FEEA
hefinalarabic;FEEA
hehamzaabovefinalarabic;FBA5
hehamzaaboveisolatedarabic;FBA4
hehinitialaltonearabic;FBA8
hehinitialarabic;FEEB
hehiragana;3078
hehmedialaltonearabic;FBA9
hehmedialarabic;FEEC
heisierasquare;337B
hekatakana;30D8
hekatakanahalfwidth;FF8D
hekutaarusquare;3336
henghook;0267
herutusquare;3339
het;05D7
hethhebrew;05D7
iterationkatakana:30FD
itilde:0129
itildebelow:1E2D
iubopomofo:3129
iucyrillic:044E
ivowelsignbengali:09BF
ivowelsigndeva:093F
ivowelsigngujarati:0ABF
izhitsacyrillic:0475
izhitsadblgravecyrillic:0477
j;006A
jaarmenian:0571
jabengali:099C
jadeva:091C
jagujarati:0A9C
jagurmukhi:0A1C
jbopomofo:3110
jcaron;01F0
jcircumflex;0135
jcrossedtail:029D
jdotlessstroke;025F
jecyrillic:0458
jeemarabic:062C
jeemfinalarabic;FE9E
jeeminitalarabic;FE9F
jeemmediarabic;FEA0
jeharabic;0698
jehfimalarabic;FB8B
jhabengali:099D
jhadeva:091D
jhagujarati:0A9D
jhagurmukhi:0A1D
jheharmenian:057B
jis;3004
jmonospace;FF4A
jparen;24A5
jsuperior;02B2
k;006B
kabashkircyrillic:04A1
kabengali:0995
kacute;1E31
kacyrilia:043A
kadescendercyrillic:049B
kadeva:0915
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kafarabic;0643
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Open Source Used in IMI IMI-ENGAGE 8657
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nooninitialarabic;FEE7
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noonjeemisolatedarabic;FC4B
noonmedialarabic;FEE8
noonmeeminitialarabic;FCD5
noonmeemisolatedarabic;FC4E
noonnoonfinalarabic;FC8D
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notgreaterorless;2279
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notless;226E
notlesssmorequal;2270
notparallel;2226
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notsubset;2284
notsucceeds;2281
notsuperset;2285
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nuhiragana;306C
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Open Source Used In IMI IMI-ENGAGE 8690
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zhearmanian;056A
zhebrevecyrillic;04C2
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zikatakana;30B8
zinorhebrew;05AE
zlinebelow;1E95
zmonospace;FF5A
zohiragana;305E
zokatakana;30BE
zparen;24B5
zretroflexhook;0290
zstroke;01B6
zuhiragana;305A
zukatakana;30BA
#--end
#
# Name:    Adobe Glyph List
# Table version: 1.2
# Date:    22 Oct 1998
#
# Description:
#
# The Adobe Glyph List (AGL) list relates Unicode values (UVs) to glyph
# names, and should be used only as described in the document "Unicode and
# Glyph Names," at
#
# The glyph name to UV relation is one to many. 12 glyph names are mapped to
# two UVs each; each UV has a separate entry. All other glyph names are
# mapped to one UV each.
#
# The Unicode Standard version 2.1 is used for all UVs outside of the Private
# Use area, except for 4 entries (see Revision History for 1.2 below).
#
# There are 1051 entries in this list, 171 of which are in the Corporate Use
# subarea (CUS). Refer to the document "Unicode Corporate Use Subarea as used
# by Adobe Systems," at
# http://partners.adobe.com/asn/developer/typeforum/corporateuse.txt
# for compatibility decompositions for these characters, and to the document
# "Unicode and Glyph Names" for more information the CUS.
#
# Format: Semicolon-delimited fields:
#
# (1) Standard UV or CUS UV. (4 uppercase hexadecimal digits)
# (2) Glyph name. (upper- and lowercase letters, digits)
# (3) Character names: Unicode character names for standard UVs, and
#     descriptive names for CUS UVs. (uppercase letters, hyphen, space)
# (4) [optional] Comment. A comment of "Duplicate" indicates one of two
#     UVs of a double-mapping. It is the UV that may be given a uni<CODE>
#     override, or the UV that is in the CUS, as described in the document
# "Unicode and Glyph Names."
#
# The entries are sorted by glyph name in increasing ASCII order; entries
# with the same glyph name are sorted in decreasing priority order.
#
# Lines starting with "#" are comments; blank lines should be ignored.
#
# Revision History:
#
# 1.2  [22 Oct 1998]
#
# Some Central European glyph names were remapped and the glyph "dotlessj"
# was added. Some entries in the table below have not changed but are
# included to provide a complete context for other glyphs that have been
# remapped or double-mapped. "-" means that the entry for that UV does not
# exist in the AGL.
#
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<td>S/scommaaccent</td>
<td>S/scedilla</td>
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</table>

# The characters at U+1E9E/F in AGL 1.1, LATIN CAPITAL/SMALL LETTER S WITH
# COMMA BELOW, which are proposed new characters (see (b) in the notes for
# AGL 1.1 below), have since been reassigned by the Unicode Standard to new
# proposed values of U+0218/9. These characters, as well as U+021A/B, LATIN
# CAPITAL/SMALL LETTER T WITH COMMA BELOW, are not in the Unicode Standard
# 2.1.
#
# Entries with the same glyph name are now sorted in decreasing priority
# order instead of in increasing UV order.
# 1.1 [24 Nov 1997]
#
# a. The "Euro" glyph's UV assignment is changed from U+20A0 (EURO-CURRENCY SIGN) to U+20AC (EURO SIGN). While U+20AC is not defined in the Unicode Standard 2.0, it has been accepted by the Unicode Technical Committee for the next version of the Standard; it has not yet passed the ISO approval process as of 7 November '97.
#
# b. Glyphs "Scedilla" and "scedilla", which were assigned in the Corporate Use Subarea in AGL 1.0, are now additionally mapped to U+1E9E and U+1E9F respectively. These two UV's share the same Unicode approval status as the Euro glyph (see a. above).
#
# c. The "fraction" glyph is now additionally mapped to U+2215, to match Windows Glyph List 4.
#
# d. The descriptive name for glyph "onefitted", in the Corporate Use subarea, is changed from "TABULAR DIGIT ONE" to "PROPORTIONAL DIGIT ONE".
#
# 1.0 [17 Jul 1997] Original version
#
A:0041
AE:00C6
AEacute;:01FC
AEsmall;:F7E6
Aacute;:00C1
Aacutesmall;:F7E1
Abreve;:0102
Acircumflex;:00C2
Acircumflexsmall;:F7E2
Acute;:F6C9
Acutesmall;:F7B4
Adieresis;:00C4
Adieresissmall;:F7E4
Agrave;:00C0
Agravesmall;:F7E0
Alpha;:0391
Alphatonos;:0386
Amacron;:0100
Aogonek;:0104
Aring;:00C5
Aringacute;:01FA
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Atildesmall;:F7E3
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dendmap
CMapName currentdict /CMap defineresource pop
end

%%%EndResource
%%%EOF
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%%DocumentNeededResources: CMap (RKSJ-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (RKSJ-H)
%%BeginResource: CMap (RKSJ-V)
%%Title: (RKSJ-V Adobe Japan1 1)
%%Version: 12.000
%%Copyright: ---------------------------------------------------------------------
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%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
StdVW 76

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C 37 ; WX 833 ; N percent ; B 79 -13 790 676 ;

C 38 ; WX 778 ; N ampersand ; B 76 -18 723 666 ;

C 39 ; WX 333 ; N quoteright ; B 151 436 290 666 ;

C 40 ; WX 333 ; N parenleft ; B 42 -181 315 669 ;

C 41 ; WX 333 ; N parenright ; B 16 -180 289 669 ;

C 42 ; WX 500 ; N asterisk ; B 128 255 492 666 ;

C 43 ; WX 675 ; N plus ; B 86 0 590 506 ;

C 44 ; WX 250 ; N comma ; B -4 -129 135 101 ;

C 45 ; WX 333 ; N hyphen ; B 49 192 282 255 ;

C 46 ; WX 250 ; N period ; B 27 -11 138 100 ;

C 47 ; WX 278 ; N slash ; B -65 -18 386 666 ;

C 48 ; WX 500 ; N zero ; B 32 -7 497 676 ;

C 49 ; WX 500 ; N one ; B 49 0 409 676 ;

C 50 ; WX 500 ; N two ; B 12 0 452 676 ;

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EndKernData

EndFontMetrics

%!PS-Adobe-3.0 Resource-CMap
%DocumentNeededResources: ProcSet (CIDInit)
%DocumentNeededResources: CMap (HKm314-B5-H)
%IncludeResource: ProcSet (CIDInit)
%IncludeResource: CMap (HKm314-B5-H)
%BeginResource: CMap (HKm314-B5-V)
%Title: (HKm314-B5-V Adobe CNS1 1)
%Version: 12.000
%Copyright: ----------------------------------
%Copyright: Copyright 1990-2001 Adobe Systems Incorporated.
%Copyright: All Rights Reserved.
%Copyright:
%Copyright: Patents Pending
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%Copyright: ----------------------------------
%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/HKm314-B5-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def
12 dict begin

begin cmap

/90ms-RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
  /Registry (Adobe) def
  /Ordering (Japan1) def
  /Supplement 2 def
end def

/CMapName /90ms-RKSJ-V def
/CMapVersion 11.001 def
/CMapType 1 def

/UIDOffset 1020 def
/XUID [1 10 25344] def

/WMode 1 def

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endcidrange
decmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
{||}zxy~
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%%DocumentNeededResources: ProcSet (CIDInit)
%%DocumentNeededResources: CMap (UniKS-UTF32-H)
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%%BeginResource: CMap (UniKS-UTF32-V)
%%Title: (UniKS-UTF32-V Adobe Korea1 1)
%%Version: 1.000
%%Copyright: ------------------------------------------------------------------------
%%Copyright: All Rights Reserved.
%%Copyright:
%%Copyright: Patents Pending
%%Copyright:
%%Copyright: NOTICE: All information contained herein is the property
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%%Copyright: certain jurisdictions.
%%Copyright: ------------------------------------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin
begin cmap

/UniKS-UTF32-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

/CMapName /UniKS-UTF32-V def
/CMapVersion 1.000 def
/CMapType 1 def

/XUID [1 10 25543] def

/WMode 1 def

11 begin cid char
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<00003013> 8075
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end cid char

7 begin cid range
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<00003001> <00003002> 8056
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end cid range

end cmap
CMapName currentdict /CMap defineresource pop
end
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%%%EndResource
/WMode 1 def

11 begin cidchar
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end cidrange

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end
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%%EndResource
%%EOF
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%%DocumentNeededResources: ProcSet (CIDInit)
%%DocumentNeededResources: CMap (NWP-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (NWP-H)
%%BeginResource: CMap (NWP-V)
%%Title: (NWP-V Adobe Japan1 0)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
%%Copyright: All Rights Reserved.
%%Copyright: Patents Pending
%%Copyright:
iTetSharp is a port of the iText open source Java library for PDF generation written entirely in C# for the .NET platform. This repository contains the source code of the last version of the library released under the Mozilla Public License and the LGPL, before the project moved to the AGPL. You can use this version if you need a free PDF library for use in closed-source projects.

NuGet package
-------------

A compiled binary of iTextSharp 4.1.6 is provided by the `iTextSharp-LGPL` NuGet package. To install it, run the following command in the Package Manager Console:

    Install-Package iTextSharp-LGPL

Updates and bug fixes
---------------------

This repository is frozen to iTextSharp version 4.1.6 and will *not* be updated.

For more recent versions (available under AGPL and commercial licenses), please refer to:

- [Corporate homepage of iText](http://itextpdf.com/)
- [Official GitHub repository "itext/iTextSharp"](https://github.com/itext/itextsharp)
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%%Copyright: NOTICE: All information contained herein is the property
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Open Source Used In IMI IMI-ENGAGE 9972
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Open Source Used In IMI IMI-ENGAGE 10009

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%%Version: 11.001
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%%Copyright: NOTICE: All information contained herein is the property
%%Copyright: of Adobe Systems Incorporated.
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%!Copyright: Permission is granted for redistribution of this file
%!Copyright: provided this copyright notice is maintained intact and
%!Copyright: that the contents of this file are not altered in any
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%!Copyright:
%!Copyright: PostScript and Display PostScript are trademarks of
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Open Source Used In IMI IMI-ENGAGE 11086

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Open Source Used In IMI IMI-ENGAGE 11108
Open Source Used In IMI IMI-ENGAGE 11109

endcidrange

100 begincidrange

endcidrange
Open Source Used In IMI IMI-ENGAGE 11116
endcidrange 100 begincidrange

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endcidrange

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endcidrange

100 beginidrange

endcidrange
Open Source Used In IMI IMI-ENGAGE 11134
Open Source Used In IMI IMI-ENGAGE 11135
Open Source Used In IMI IMI-ENGAGE 11138
/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 0 def
end def

/CMapName /CNS-EUC-V def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25389] def

/WMode 1 def

5 begin codespacerange
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1 begin notdef range
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FontBBox -113 -250 749 801

UnderlinePosition -100

UnderlineThickness 50

Version 003.000


EncodingScheme AdobeStandardEncoding

CapHeight 562

XHeight 439

Ascender 629

Descender -157

StdHW 84

StdVW 106

StartCharMetrics 315

C 32 ; WX 600 ; N space ; B 0 0 0 0 ;

C 33 ; WX 600 ; N exclam ; B 202 -15 398 572 ;

C 34 ; WX 600 ; N quotedbl ; B 135 277 465 562 ;

C 35 ; WX 600 ; N numbersign ; B 56 -45 544 651 ;

C 36 ; WX 600 ; N dollar ; B 82 -126 519 666 ;

C 37 ; WX 600 ; N percent ; B 5 -15 595 616 ;

C 38 ; WX 600 ; N ampersand ; B 36 -15 546 543 ;

C 39 ; WX 600 ; N quoteright ; B 171 277 423 562 ;

C 40 ; WX 600 ; N parenleft ; B 219 -102 461 616 ;

C 41 ; WX 600 ; N parenright ; B 139 -102 381 616 ;
C -1 ; WX 600 ; N Eacute ; B 25 0 560 784 ;
C -1 ; WX 600 ; N emacron ; B 40 -15 563 585 ;
C -1 ; WX 600 ; N gbreve ; B 30 -146 580 661 ;
C -1 ; WX 600 ; N onequarter ; B -56 -60 656 661 ;
C -1 ; WX 600 ; N Scaron ; B 47 -22 553 790 ;
C -1 ; WX 600 ; N Scommaaccent ; B 47 -250 553 582 ;
C -1 ; WX 600 ; N Ohungarumlaut ; B 22 -18 628 784 ;
C -1 ; WX 600 ; N degree ; B 86 243 474 616 ;
C -1 ; WX 600 ; N ograve ; B 30 -15 570 661 ;
C -1 ; WX 600 ; N Ccaron ; B 22 -18 560 790 ;
C -1 ; WX 600 ; N ugrave ; B -1 -15 569 661 ;
C -1 ; WX 600 ; N radical ; B -19 -104 473 778 ;
C -1 ; WX 600 ; N Dcaron ; B 30 0 594 790 ;
C -1 ; WX 600 ; N rcommaaccent ; B 24 -250 599 562 ;
C -1 ; WX 600 ; N Lcommaaccent ; B 39 -250 578 562 ;
C -1 ; WX 600 ; N Atilde ; B -9 0 609 759 ;
C -1 ; WX 600 ; N Aogonek ; B -9 -199 625 562 ;
C -1 ; WX 600 ; N Aring ; B -9 0 609 801 ;
C -1 ; WX 600 ; N otilde ; B 30 -15 570 636 ;
C -1 ; WX 600 ; N Rcommaaccent ; B 24 -250 599 562 ;
C -1 ; WX 600 ; N Ntilde ; B 8 -12 610 759 ;
C -1 ; WX 600 ; N otilde ; B 30 -15 570 636 ;
C -1 ; WX 600 ; N Lcommaaccent ; B 39 -250 578 562 ;
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C -1 ; WX 600 ; N Aring ; B -9 0 609 801 ;
C -1 ; WX 600 ; N Otilde ; B 22 -18 578 759 ;
C -1 ; WX 600 ; N zdotaccent ; B 81 0 520 638 ;
C -1 ; WX 600 ; N Ecaron ; B 25 0 560 790 ;
Open Source Used In IMI IMI-ENGAGE 11168
Open Source Used In IMI IMI-ENGAGE 11170
C 251 ; WX 611 ; N germanbls ; B 67 -15 571 728 ;

C -1 ; WX 278 ; N Idieresis ; B 13 0 266 901 ;

C -1 ; WX 556 ; N ecircumflex ; B 40 -15 516 734 ;

C -1 ; WX 556 ; N abreve ; B 36 -15 530 731 ;

C -1 ; WX 556 ; N uhungarumlaut ; B 68 -15 521 734 ;

C -1 ; WX 556 ; N ecaron ; B 40 -15 516 734 ;

C -1 ; WX 667 ; N Ydieresis ; B 14 0 653 901 ;

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KPX Umacron comma -40
KPX Umacron period -40
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KPX V Adieresis -80
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KPX V amacron -70
KPX V aogonek -70
KPX V aring -70
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KPX V edieresis -80
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KPX Yacute Amacron -110
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KPX Yacute Oacute -85
KPX Yacute Ocircumflex -85
KPX Yacute Odieresis -85
KPX Yacute Ograve -85
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KPX Yacute agrave -140
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KPX Ydieresis Ocircumflex -85
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KPX cacute kcommaaccent -20
KPX ccaron comma -15
KPX ccaron k -20
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KPX ccedilla k -20
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KPX comma quotertight -100
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KPX oacute y -30
KPX oacute yacute -30
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KPX ð i -55

KPX ð iacute -55

KPX ð icircumflex -55

KPX ð idieresis -55

KPX ð igrave -55

KPX ð imacron -55

KPX ð iogonek -55

KPX ð j -55

KPX ð k -55

KPX ð kcommaaccent -55

KPX ð l -55

KPX ð lacute -55

KPX ð lcommaaccent -55

KPX ð lslash -55

KPX ð m -55

KPX ð n -55

KPX ð nacute -55

KPX ð ncaron -55

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KPX r agrave -10
KPX r amacron -10
KPX r aogonek -10
KPX r aring -10
KPX r atilde -10
KPX r colon 30
KPX r comma -50
KPX r i 15
KPX r iacute 15
KPX r icircumflex 15
KPX r idieresis 15
KPX r igrave 15
KPX r imacron 15
KPX r iogonek 15
KPX r k 15
KPX r kcommaaccent 15
KPX r l 15
KPX r lacute 15
KPX r lcommaaccent 15
KPX r lslash 15
KPX r m 25

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 KPX racute iacute 15
 KPX racute icircumflex 15
 KPX racute idieresis 15
 KPX racute igrave 15
 KPX racute imacron 15
 KPX racute iogonek 15
 KPX racute k 15
 KPX racute kcommaaccent 15
 KPX racute l 15
 KPX racute lacute 15
 KPX racute lcommaaccent 15
 KPX racute lslash 15
KPX racute m 25
KPX racute n 25
KPX racute racute 25
KPX racute ncaron 25
KPX racute ncommaaccent 25
KPX racute ntilde 25
KPX racute p 30
KPX racute period -50
KPX racute semicolon 30
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KPX racute tcommaaccent 40
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KPX racute uacute 15
KPX racute ucircumflex 15
KPX racute udieresis 15
KPX racute ugrave 15
KPX racute uhungarumlaut 15
KPX racute umacron 15
KPX racute uogonek 15
KPX racute uring 15
KPX racute v 30
KPX racute y 30
KPX racute yacute 30
KPX racute ydieresis 30
KPX v o -25
KPX v oacute -25
KPX v ocircumflex -25
KPX v odieresis -25
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KPX x odieresis -10
KPX x ograve -10
KPX x ohungarumlaut -10
KPX x omacron -10
KPX x oslash -10
KPX x otilde -10
KPX x period -60
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KPX x eacute -30
KPX x ecaron -30
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KPX y eogonek -20
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KPX y ocircumflex -20
KPX y odieresis -20
KPX y ograve -20
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KPX ydieresis egrave -20
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KPX ydieresis oacute -20
KPX ydieresis ocircumflex -20
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KPX ydieresis ograve -20
KPX ydieresis ohungarumlaut -20
KPX ydieresis omacron -20
KPX ydieresis oslash -20
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KPX z e -15
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KPX z ecaron -15
KPX z ecircumflex -15
KPX z edieresis -15
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KPX zacute odieresis -15
KPX zacute ograve -15
KPX zacute ohungarumlaut -15
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KPX zcaron eacute -15
KPX zcaron ecaron -15
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KPX zcaron omacron -15
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KPX zcaron otilde -15

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KPX zdotaccent eacute -15

KPX zdotaccent ecaron -15

KPX zdotaccent ecircumflex -15

KPX zdotaccent edieresis -15

KPX zdotaccent edotaccent -15

KPX zdotaccent egrave -15

KPX zdotaccent emacron -15

KPX zdotaccent eogonek -15

KPX zdotaccent o -15

KPX zdotaccent oacute -15

KPX zdotaccent ocircumflex -15

KPX zdotaccent odieresis -15

KPX zdotaccent ograve -15

KPX zdotaccent ohungarumlaut -15

KPX zdotaccent omacron -15

KPX zdotaccent oslash -15

KPX zdotaccent otilde -15

EndKernPairs

EndKernData

EndFontMetrics

%!PS-Adobe-3.0 Resource-CMap

%!DocumentNeededResources: ProcSet (CIDInit)

%!DocumentNeededResources: CMap (GBK-EUC-H)

%!IncludeResource: ProcSet (CIDInit)
12 dict begin

begincmap

/GBK-EUC-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 2 def
end def

/CMapName /GBK-EUC-V def
/CMapVersion 12.000 def
/CMapType 1 def

/XUID [1 10 25378] def

/WMode 1 def

20 beginincidrange
<0102> <0102>  575
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (GBTpc-EUC-H)
%!Title: (GBTpc-EUC-H Adobe GB1 1)
%!Version: 10.001
%!Copyright: -----------------------------------------------------------
%!Copyright: All Rights Reserved.
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%!Copyright: certain jurisdictions.
%!Copyright: -----------------------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin
12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 1 def
end def

/CMapName /GBTpc-EUC-H def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 380 def
/XUID [1 10 25374] def

/WMode 0 def

3 begin codespacerange
<00> <80>
<A1A1> <FCFE>
<PD> <FF>
endcode spacerange

1 begin notdef range
<00> <1F> 1
endcode notdef range

100 begin incid range
<20> <7E> 1
<80> <80> 7712
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<a2b1> <a2e2> 190
<a2e5> <a2ee> 240
<a2f1> <a2fc> 250
<a3a1> <a3fe> 262
<a4a1> <a4f3> 356
<a5a1> <a5f6> 439
<a6a1> <a6b8> 525
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endcmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
1.232 system-data-sqlclient 1.0.19269.1

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https://github.com/madler/zlib
http://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Bit Twiddling Hacks

By Sean Eron Anderson
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John R. Hauser
2018 January 20

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http://www.cl.cam.ac.uk/~mr10/Bench/README

Please feel free to re-implement this benchmark in any language you choose. I would be happy to incorporate such translations into this distribution together with their timing/size results.

Martin Richards
23 February 2007

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1.234 system-xml-xpath-xdocument

4.6.24705.01.

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The punycode implementation is based on the sample code in RFC 3492

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Martin Richards
23 February 2007

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  <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
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1.242 microsoft-identitymodel-jsonwebtokens
5.5.0.60624193649

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1.243 microsoft-entityframeworkcore 3.1.9.0

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1.244 microsoft-identitymodel-protocols

6.7.1.10630004657

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2.9.0beta
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1.246 microsoft-aspnet-mvc 5.2.7-61128

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1.247 microsoft-odata-edm 7.7.1.0

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3.1.2

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```
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## Contributions to .NET Core SDK 1.0

---

`bash`

```
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
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The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributor's commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [CoreCLR](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [CoreFX](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [WCF](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)

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* [Eric Erhardt (159)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
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## Contributions to .NET 5.0

.NET 5 is an amazing milestone enabled, in part, by a wonderfully engaged community. This page is an attempt to acknowledge the efforts of many folks across the breadth of the ecosystem. We’re working to get better at...
recognizing your contributions so please, let us know if something is incorrect or missing.

**Thank you!!**

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## runtime

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- **Gennadii Altukhov**
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# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

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* [Rainer Sigwald (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
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```bash
git shortlog -sne --no-merges --since \{2016-05-20\} --until \{2016-11-08\}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

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git shortlog -sne --no-merges --since \{2016-05-20\} --until \{2016-11-08\}
```

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# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```bash
  git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

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* [CoreCLR](https://github.com/dotnet/coreclr/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
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# Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)  
* [CoreCLR](#coreclr)  
* [CoreFX](#corefx)  
* [WCF](#wcf)

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https://github.com/Microsoft/RoslynClrHeapAllocationAnalyzer

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1.272 microsoft-entityframeworkcore-relational 3.1.9.0

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4.0.20710.0

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5.5.0.60624193649

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1.275 automappper 10.1.0

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1.276 microsoft-extensions-configuration-binder 3.1.2

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1.277 Microsoft-Web-Infrastructure

1.0.20105.407

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1.278 MassTransit.AmazonSqs 7.1.5

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1.279 microsoft-identitymodel-clients-activedirectory 5.3.0.51005192532

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endcidrange

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Comment Creation Date: Thu May 1 17:37:52 1997

Comment UniqueID 43051

Comment VMusage 16248 75829

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fullName Courier Oblique

familyName Courier

Weight Medium

ItalicAngle -12

IsFixedPitch true

CharacterSet ExtendedRoman

Fontbbox -27 -250 849 805

UnderlinePosition -100

UnderlineThickness 50

Version 003.000

EncodingScheme AdobeStandardEncoding

CapHeight 562

XHeight 426

Ascender 629

Descender -157

StdHW 51

StdVW 51

StartCharMetrics 315

C 32 ; WX 600 ; N space ; B 0 0 0 0 ;

C 33 ; WX 600 ; N exclamation ; B 243 -15 464 572 ;

C 34 ; WX 600 ; N quotedbl ; B 273 328 532 562 ;

C 35 ; WX 600 ; N numbersign ; B 133 -32 596 639 ;

C 36 ; WX 600 ; N dollar ; B 108 -126 596 662 ;

C 37 ; WX 600 ; N percent ; B 134 -15 599 622 ;

C 38 ; WX 600 ; N ampersand ; B 87 -15 580 543 ;

C 39 ; WX 600 ; N quoteright ; B 283 328 495 562 ;

C 40 ; WX 600 ; N parenleft ; B 313 -108 572 622 ;

C 41 ; WX 600 ; N parenright ; B 137 -108 396 622 ;

C 42 ; WX 600 ; N asterisk ; B 212 257 580 607 ;

C 43 ; WX 600 ; N plus ; B 129 44 580 470 ;

C 44 ; WX 600 ; N comma ; B 157 -112 370 122 ;

C 45 ; WX 600 ; N hyphen ; B 152 231 558 285 ;

C 46 ; WX 600 ; N period ; B 238 -15 382 109 ;
Open Source Used In IMI IMI-ENGAGE 12116
C -1 ; WX 600 ; N tcomaaccent ; B 165 -250 561 561 ;
C -1 ; WX 600 ; N logicalnot ; B 155 108 591 369 ;
C -1 ; WX 600 ; N odieresis ; B 102 -15 588 620 ;
C -1 ; WX 600 ; N udieresis ; B 101 -15 575 620 ;
C -1 ; WX 600 ; N notequal ; B 43 -16 621 529 ;
C -1 ; WX 600 ; N gcommaaccent ; B 61 -157 657 708 ;
C -1 ; WX 600 ; N eth ; B 102 -15 639 629 ;
C -1 ; WX 600 ; N zcaron ; B 99 0 624 669 ;
C -1 ; WX 600 ; N ncommaaccent ; B 26 -250 585 441 ;
C -1 ; WX 600 ; N onebaseior ; B 231 249 491 622 ;
C -1 ; WX 600 ; N imacron ; B 95 0 543 565 ;
C -1 ; WX 600 ; N Euro ; B 0 0 0 0 ;

EndCharMetrics

EndFontMetrics

%!PS-Adobe-3.0 Resource-CMap
%%DocumentNeededResources: ProcSet (CIDInit)
%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (KSC-H)
%%Title: (KSC-H Adobe Korea1 0)
%%Version: 9.001
%%Copyright: -------------------------------------------
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%%Copyright: that the contents of this file are not altered in any
%%Copyright: way from its original form.
%%Copyright:
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endcidrange

100 begincidrange

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Open Source Used in IMI IMI-ENGAGE 12132
Open Source Used In IMI IMI-ENGAGE 12134

/CIDInit /ProcSet findresource begin
12 dict begin

begin cmap

/Ext-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 2 def
end def

/CMapName /Ext-V def
/CMapVersion 12.000 def
/CMapType 1 def

/UIDOffset 820 def
/XUID [1 10 25334] def

/WMode 1 def

39 begin cid range
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<212c> <212c> 8271
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% % Copyright: Copyright 1990-1998 Adobe Systems Incorporated.
% % Copyright: All Rights Reserved.
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% % Copyright: Patents Pending
% % Copyright:
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% % Copyright: -----------------------------------------------
% % EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
end def

/CMapName /Roman def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 866 def
/XUID [1 10 25351] def

/WMode 0 def

1 begin codespacerange
<00> <FF>
endcode spacerange

1 begin cidrange
<20> <7e> 231
endcode range
end cmap
Descender -207

StdHW 118

StdVW 140

StartCharMetrics 315

C 32 ; WX 278 ; N space ; B 0 0 0 0 ;

C 33 ; WX 333 ; N exclam ; B 94 0 397 718 ;

C 34 ; WX 474 ; N quotedbl ; B 193 447 529 718 ;

C 35 ; WX 556 ; N numbersign ; B 60 0 644 698 ;

C 36 ; WX 556 ; N dollar ; B 67 -115 622 775 ;

C 37 ; WX 889 ; N percent ; B 136 -19 901 710 ;

C 38 ; WX 722 ; N ampersand ; B 89 -19 732 718 ;

C 39 ; WX 278 ; N quoteright ; B 167 445 362 718 ;

C 40 ; WX 333 ; N parenleft ; B 76 -208 470 734 ;

C 41 ; WX 333 ; N parenright ; B -25 -208 369 734 ;

C 42 ; WX 389 ; N asterisk ; B 146 387 481 718 ;

C 43 ; WX 584 ; N plus ; B 82 0 610 506 ;

C 44 ; WX 278 ; N comma ; B 28 -168 245 146 ;

C 45 ; WX 333 ; N hyphen ; B 73 215 379 345 ;

C 46 ; WX 278 ; N period ; B 64 0 245 146 ;

C 47 ; WX 278 ; N slash ; B -37 -19 468 737 ;

C 48 ; WX 556 ; N zero ; B 86 -19 617 710 ;

C 49 ; WX 556 ; N one ; B 173 0 529 710 ;

C 50 ; WX 556 ; N two ; B 26 0 619 710 ;

C 51 ; WX 556 ; N three ; B 65 -19 608 710 ;
Open Source Used In IMI IMI-ENGAGE 12149
C -1 ; WX 611 ; N gcommaaccent ; B 38 -217 666 850 ;

C -1 ; WX 611 ; N eth ; B 82 -14 670 737 ;

C -1 ; WX 500 ; N zcaron ; B 20 0 586 750 ;

C -1 ; WX 611 ; N ncommaaccent ; B 65 -228 629 546 ;

C -1 ; WX 333 ; N onebaseior ; B 148 283 388 710 ;

C -1 ; WX 278 ; N imacron ; B 69 0 429 678 ;

C -1 ; WX 556 ; N Euro ; B 0 0 0 0 ;

EndCharMetrics

StartKernData

StartKernPairs 2481

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KPX A O -40
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KPX Aacute Udieresis -50
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KPX Aacute Uogonek -50
KPX Aacute Uring -50
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/CIDInit /ProcSet findresource begin

12 dict begin

beginmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKdla-B5-H def
/CMapVersion 1.001 def
/CMapType 1 def

/XUID [1 10 25521] def

/WMode 0 def

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Open Source Used In IMI IMI-ENGAGE 12267
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100 begincidrange

endcidrange
endcidrange
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CMapName currentdict /CMap defineresource pop
end
d

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%%DocumentNeededResources: ProcSet (CIDInit)
%%DocumentNeededResources: CMap (UniGB-UCS2-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (UniGB-UCS2-H)
%%BeginResource: CMap (UniGB-UCS2-V)
%%Title: (UniGB-UCS2-V Adobe GB1 4)
%%Version: 12.000
%%Copyright: -----------------------------------------------------------
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%%Copyright: -----------------------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin
beginixmap

/UniGB-UCS2-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 4 def
CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/HKgccs-B5-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKgccs-B5-V def
/CMapVersion 12.000 def
/CMapType 1 def

/XUID [1 10 25520] def

/WMode 1 def

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endcidrange
dendmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%%DocumentNeededResources: ProcSet (CIDInit)
%%DocumentNeededResources: CMap (GBT-EUC-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (GBT-EUC-H)
%%BeginResource: CMap (GBT-EUC-V)
%%Title: (GBT-EUC-V Adobe GB1 1)
%%Version: 10.001
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%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/GBT-EUC-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 1 def
Open Source Used in IMI IMI-ENGAGE 12291
Open Source Used In IMI IMI-ENGAGE 12300
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Comment Creation Date: Thu May 1 12:43:52 1997

Comment UniqueID 43052

Comment VMusage 37169 48194

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FullName Helvetica Bold

FamilyName Helvetica

Weight Bold

ItalicAngle 0

IsFixedPitch false

CharacterSet ExtendedRoman

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UnderlinePosition -100

UnderlineThickness 50
Version 002.000


EncodingScheme AdobeStandardEncoding

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XHeight 532

Ascender 718

Descender -207

StdHW 118

StdVW 140

StartCharMetrics 315

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C 37 ; WX 889 ; N percent ; B 28 -19 861 710 ;

C 38 ; WX 722 ; N ampersand ; B 54 -19 701 718 ;

C 39 ; WX 278 ; N quoteright ; B 69 445 209 718 ;

C 40 ; WX 333 ; N parenleft ; B 35 -208 314 734 ;

C 41 ; WX 333 ; N parenright ; B 19 -208 298 734 ;

C 42 ; WX 389 ; N asterisk ; B 27 387 362 718 ;

C 43 ; WX 584 ; N plus ; B 40 0 544 506 ;

C 44 ; WX 278 ; N comma ; B 64 -168 214 146 ;

C 45 ; WX 333 ; N hyphen ; B 27 215 306 345 ;
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KPX rcaron e -20
KPX rcaron cacute -20
KPX rcaron ccaron -20
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KPX rcaron g -15
KPX rcommaaccent sacute -15
KPX rcommaaccent scaron -15
KPX rcommaaccent scedilla -15
KPX rcommaaccent scommaaccent -15
KPX t 20
KPX tcommaaccent 20
KPX v 10
KPX y 10
KPX yacute 10
KPX ydieresis 10
KPX s w -15
KPX sacute w -15
KPX scaron w -15
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KPX semicolon space -40
KPX space T -100
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KPX space Tcommaaccent -100
KPX space V -80
KPX space W -80
KPX space Y -120
KPX space Yacute -120
KPX space Ydieresis -120
KPX ydieresis egrave -10
KPX ydieresis emacron -10
KPX ydieresis eogonek -10
KPX ydieresis o -25
KPX ydieresis oacute -25
KPX ydieresis ocircumflex -25
KPX ydieresis odieresis -25
KPX ydieresis ograve -25
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KPX z emacron 10
KPX z eogonek 10
KPX zacute e 10
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KPX zdotaaccent eogonek 10

EndKernPairs

EndKernData

EndFontMetrics

%!PS-Adobe-3.0 Resource-CMap
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%%DocumentNeededResources: CMap (KSCms-UHC-HW-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (KSCms-UHC-HW-H)
%%BeginResource: CMap (KSCms-UHC-HW-V)
%%Title: (KSCms-UHC-HW-V Adobe Korea1 1)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
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%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/KSCms-UHC-HW-H use cmap

/CIDSysInfo 3 dict dup begin
/Register (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
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% % EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

beginmap

/UniJIS-UCS2-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 4 def
end def

/CMapName /UniJISPro-UCS2-HW-V def
/CMapVersion 1.000 def
/CMapType 1 def

/XUID [1 10 25538] def

/WMode 1 def

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<201c> <201d> 7956
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\[ bc_{\text{PNY,LKS241,}*6.8-@.0,^{[*]}^*YQ:99RRVVV[H[G]}\]aekjkjkcpdpIPhpIPepFr...uvjwy-yly/T[Si]~{~~~M0^\#\&.!)%)

$+$jmknykxZ[^[ EFDE*:6]=09*7.15dxP9=FDBA?:R+.()$z1nedNvYVYQ{k[Li]}\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\)\}
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% % EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

beginmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKgccs-B5-H def
/CMapVersion 1.001 def
/CMapType 1 def

/XUID [1 10 25399] def

/WMode 0 def

2 begincodespacerange
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<8A40> <FEFE>
endcode spacerange

1 begin not def range
<00> <1F> 1
endcode not def range

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| aa40 | aa7e | 1537 |
| aaa1 | aafe | 1600 |
| ab40 | ab7e | 1694 |
| aba1 | abfe | 1757 |
| ac40 | ac7e | 1851 |
| aca1 | acfd | 1914 |
| acfe | acfe | 2431 |
| ad40 | ad7e | 2007 |
| ada1 | adfe | 2070 |
| ae40 | ae7e | 2164 |
| aea1 | aefe | 2227 |
| af40 | af7e | 2321 |
| afa1 | afcf | 2384 |
| afd0 | affe | 2432 |
| b040 | b07e | 2479 |
| b0a1 | b0fe | 2542 |
| b140 | b17e | 2636 |
| b1a1 | b1fe | 2699 |
| b240 | b27e | 2793 |
| b2a1 | b2fe | 2856 |
| b340 | b37e | 2950 |
| b3a1 | b3fe | 3013 |
| b440 | b47e | 3107 |
| b4a1 | b4fe | 3170 |
| b540 | b57e | 3264 |
| b5a1 | b5fe | 3327 |
| b640 | b67e | 3421 |
| b6a1 | b6fe | 3484 |
| b740 | b77e | 3578 |
| b7a1 | b7fe | 3641 |
| b840 | b87e | 3735 |
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<da40> <da7e> 7094
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<da40> <da7e> 8789
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<da1> <dafe> 8883
<da40> <da7e> 8890
endcidrange
dendmap
CMapName currentdict /CMap defineresource pop
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!DocumentNeededResources: CMap (UniJIS-UCS2-H)
%!IncludeResource: ProcSet (CIDInit)
%!IncludeResource: CMap (UniJIS-UCS2-H)
%!BeginResource: CMap (UniJIS-UCS2-HW-H)
%!Title: (UniJIS-UCS2-HW-H Adobe Japan1 4)
%!Version: 12.000
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%!Copyright: -------------------------------------------------------------------
%!EndComments
<<A175> <A176> 154
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<A1e3> <A1e3> 13647
endcidrange
endcmap
CMapName currentdict /CMap defineresource pop
end
end

/%EndResource
/%EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!DocumentNeededResources: CMap (Add-H)
%!IncludeResource: ProcSet (CIDInit)
%!IncludeResource: CMap (Add-H)
%!BeginResource: CMap (Add-V)
%!Title: (Add-V Adobe Japan1 1)
%!Version: 10.001
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%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

/Add-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

/CMapName /Add-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 790 def
/XUID [1 10 25328] def

/WMode 1 def

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/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/Add-RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

/CMapName /Add-RKSJ-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 780 def
/XUID [1 10 25327] def

/WMode 1 def

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endcidrange endcmap
CMapName currentdict /CMap defineresource pop end end

%%%EndResource
%%%EOF
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  /Ordering (CNS1) def
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dend
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% EOF
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%!DocumentNeededResources: CMap (KSC-Johab-H)
%!IncludeResource: ProcSet (CIDInit)
%!IncludeResource: CMap (KSC-Johab-H)
%!BeginResource: CMap (KSC-Johab-V)
%!Title: (KSC-Johab-V Adobe Korea1 1)
%!Version: 10.001
%!Copyright: ----------------------------------------
%!Copyright: All Rights Reserved.
%!Copyright:
%!Copyright: Patents Pending
%!Copyright:
%!Copyright: NOTICE: All information contained herein is the property
%!Copyright: of Adobe Systems Incorporated.
%!Copyright:
%!Copyright: Permission is granted for redistribution of this file
%!Copyright: provided this copyright notice is maintained intact and
%!Copyright: that the contents of this file are not altered in any
%!Copyright: way from its original form.
%!Copyright:
%!Copyright: PostScript and Display PostScript are trademarks of
%!Copyright: Adobe Systems Incorporated which may be registered in
%!Copyright: certain jurisdictions.
%!Copyright: ----------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

/KSC-Johab-H usecmap
/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

/CMapName /KSC-Johab-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 690 def
/XUID [1 10 25412] def

/WMode 1 def

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CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
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%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (78-RKSJ-H)
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/Ordering (Japan1) def
/Supplement 1 def
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/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 870 def
/XUID [1 10 25341] def

/WMode 0 def

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/Ordering (Japan1) def
/Supplement 1 def
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/Ordering (GB1) def
/Supplement 4 def
end def
/CMapName /UniGB-UTF8-V def
/CMapVersion 13.000 def
/CMapType 1 def
/XUID [1 10 25450] def
/WMode 1 def
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/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 4 def
end def

/CMapName /UniJISPro-UTF8-V def
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/XUID [1 10 25536] def

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Open Source Used In IMI IMI-ENGAGE 13383
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beginmap

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/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 4 def
end def

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%!Copyright: Patents Pending
%!Copyright: NOTICE: All information contained herein is the property
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%!Copyright: Permission is granted for redistribution of this file
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Open Source Used In IMI IMI-ENGAGE 14311

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%%Copyright: NOTICE: All information contained herein is the property
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dend

%%EndResource
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%%DocumentNeededResources: ProcSet (CIDInit)
%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (Add-H)
%%Title: (Add-H Adobe Japan1 1)
%%Version: 10.001
%%Copyright: -----------------------------------------------------------
%%Copyright: All Rights Reserved.
%%Copyright: Patents Pending
%%Copyright: NOTICE: All information contained herein is the property
%%Copyright: of Adobe Systems Incorporated.
%%Copyright: Permission is granted for redistribution of this file
%%Copyright: provided this copyright notice is maintained intact and
%%Copyright: that the contents of this file are not altered in any
%%Copyright: way from its original form.
%%Copyright:
%%Copyright: PostScript and Display PostScript are trademarks of
%%Copyright: Adobe Systems Incorporated which may be registered in
%%Copyright: certain jurisdictions.
%%Copyright: -----------------------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

/CMapName /Add-H def
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    SchemaVersion = "2.0"
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    AssemblyName = "iTextAsian"
    AssemblyOriginatorKeyFile = ""
    DefaultClientScript = "JScript"
    DefaultHTMLPageLayout = "Grid"
    DefaultTargetSchema = "IE50"
    DelaySign = "false"
    OutputType = "Library"
    PreBuildEvent = ""
    PostBuildEvent = ""
    RootNamespace = "iTextSharp.text.pdf.fonts"
    RunPostBuildEvent = "OnBuildSuccess"
    StartupObject = ""
  
  </Settings>
  <Config>
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<Config Name = "Release"
AllowUnsafeBlocks = "false"
BaseAddress = "285212672"
CheckForOverflowUnderflow = "false"
ConfigurationOverrideFile = ""
DefineConstants = "TRACE"
DocumentationFile = ""
DebugSymbols = "false"
FileAlignment = "4096"
IncrementalBuild = "false"
NoStdLib = "false"
NoWarn = ""
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RegisterForComInterop = "false"
RemoveIntegerChecks = "false"
TreatWarningsAsErrors = "false"
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C 34 ; WX 600 ; N double quote ; B 211 277 585 562 ;

C 35 ; WX 600 ; N numbers ; B 88 -45 641 651 ;

C 36 ; WX 600 ; N dollar ; B 87 -126 630 666 ;

C 37 ; WX 600 ; N percent ; B 101 -15 625 616 ;

C 38 ; WX 600 ; N ampersand ; B 61 -15 595 543 ;

C 39 ; WX 600 ; N right quote ; B 229 277 543 562 ;

C 40 ; WX 600 ; N left paren ; B 265 -102 592 616 ;

C 41 ; WX 600 ; N right paren ; B 117 -102 444 616 ;

C 42 ; WX 600 ; N asterisk ; B 179 219 598 601 ;

C 43 ; WX 600 ; N plus ; B 114 39 596 478 ;

C 44 ; WX 600 ; N comma ; B 99 -111 430 174 ;

C 45 ; WX 600 ; N hyphen ; B 143 203 567 313 ;

C 46 ; WX 600 ; N period ; B 206 -15 427 171 ;

C 47 ; WX 600 ; N slash ; B 90 -77 626 626 ;

C 48 ; WX 600 ; N zero ; B 135 -15 593 616 ;

C 49 ; WX 600 ; N one ; B 93 0 562 616 ;

C 50 ; WX 600 ; N two ; B 61 0 594 616 ;

C 51 ; WX 600 ; N three ; B 71 -15 571 616 ;

C 52 ; WX 600 ; N four ; B 81 0 559 616 ;

C 53 ; WX 600 ; N five ; B 77 -15 621 601 ;

C 54 ; WX 600 ; N six ; B 135 -15 652 616 ;
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C 55 ; WX 600 ; N seven ; B 147 0 622 601 ;
C 56 ; WX 600 ; N eight ; B 115 -15 604 616 ;
C 57 ; WX 600 ; N nine ; B 75 -15 592 616 ;
C 58 ; WX 600 ; N colon ; B 205 -15 480 425 ;
C 59 ; WX 600 ; N semicolon ; B 99 -111 481 425 ;
C 60 ; WX 600 ; N less ; B 120 15 613 501 ;
C 61 ; WX 600 ; N equal ; B 96 118 614 398 ;
C 62 ; WX 600 ; N greater ; B 97 15 589 501 ;
C 63 ; WX 600 ; N question ; B 183 -14 592 580 ;
C 64 ; WX 600 ; N at ; B 65 -15 642 616 ;
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C 66 ; WX 600 ; N B ; B 30 0 630 562 ;
C 67 ; WX 600 ; N C ; B 74 -18 675 580 ;
C 68 ; WX 600 ; N D ; B 30 0 664 562 ;
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C 71 ; WX 600 ; N G ; B 74 -18 675 580 ;
C 72 ; WX 600 ; N H ; B 20 0 700 562 ;
C 73 ; WX 600 ; N I ; B 77 0 643 562 ;
C 74 ; WX 600 ; N J ; B 58 -18 721 562 ;
C 75 ; WX 600 ; N K ; B 21 0 692 562 ;
C 76 ; WX 600 ; N L ; B 39 0 636 562 ;
C 77 ; WX 600 ; N M ; B -2 0 722 562 ;
C 78 ; WX 600 ; N N ; B 8 -12 730 562 ;
Open Source Used In IMI IMI-ENGAGE 14794
/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 2 def
end def

/CMapName /90msp-RKSJ-V def
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/CMapType 1 def
/XUID [1 10 25446] def
/WMode 1 def

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% % EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/90pv-RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

/CMapName /90pv-RKSJ-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 940 def
/XUID [1 10 25342] def

/WMode 1 def

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Open Source Used In IMI IMI-ENGAGE 15056

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%!IncludeResource: CMap (UniJIS-UTF8-H)
%!BeginResource: CMap (UniJIS-UTF8-V)
%!Title: (UniJIS-UTF8-V Adobe Japan1 5)
%!Version: 13.000
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/CIDInit /ProcSet findresource begin
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/UniJIS-UTF8-H usecmap
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/Ordering (Japan1) def
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end def
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/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 1 def
end def

/CMapName /GBTpc-EUC-V def
/CMapVersion 10.001 def
/CMapType 1 def

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/XUID [1 10 25375] def

/WMode 1 def

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KPX Lacute y -55

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KPX Lacute ydieresis -55

KPX Lcommaaccent T -92

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KPX Lcommaaccent Tcommaaccent -92

KPX Lcommaaccent V -92

KPX Lcommaaccent W -92

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KPX Lcommaaccent Ydieresis -92

KPX Lcommaaccent quotedblright -20

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Open Source Used In IMI IMI-ENGAGE 15143
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C -1 ; WX 778 ; N Omacron ; B 105 -19 826 879 ;
C -1 ; WX 722 ; N Racute ; B 88 0 773 929 ;
C -1 ; WX 667 ; N Sacute ; B 90 -19 713 929 ;
C -1 ; WX 643 ; N dcaron ; B 84 -15 808 718 ;
C -1 ; WX 722 ; N Umacron ; B 123 -19 797 879 ;
C -1 ; WX 556 ; N uing ; B 94 -15 600 756 ;
C -1 ; WX 333 ; N threebaseior ; B 90 270 436 703 ;
C -1 ; WX 778 ; N Ograve ; B 105 -19 826 929 ;
C -1 ; WX 667 ; N Agrave ; B 14 0 654 929 ;
C -1 ; WX 667 ; N Abreve ; B 14 0 685 926 ;
C -1 ; WX 584 ; N multiply ; B 50 0 642 506 ;
C -1 ; WX 556 ; N uacute ; B 94 -15 600 734 ;
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C -1 ; WX 476 ; N partialdiff ; B 41 -38 550 714 ;
C -1 ; WX 500 ; N ydieresis ; B 15 -214 600 706 ;
C -1 ; WX 722 ; N Nacute ; B 76 0 799 929 ;
C -1 ; WX 278 ; N icircumflex ; B 95 0 411 734 ;
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C -1 ; WX 556 ; N adieresis ; B 61 -15 559 706 ;
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C -1 ; WX 556 ; N nacute ; B 65 0 587 734 ;
C -1 ; WX 556 ; N umacron ; B 94 -15 600 684 ;
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StartKernData

StartKernPairs 2705

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/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKm471-B5-H def
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/WMode 0 def

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der lingerie pop end
end

%%EndResource
%%EOF
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%%DocumentNeededResources: CMap (CNS2-H)
%%IncludeResource: ProcSet (CIDInit)
%%IncludeResource: CMap (CNS2-H)
%%BeginResource: CMap (CNS2-V)
%%Title: (CNS2-V Adobe CNS1 0)
%%Version: 10.001
%%Copyright: -----------------------------------------------
%%Copyright: All Rights Reserved.
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%%Copyright: -----------------------------------------------
%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CNS2-H use cmap

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/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 0 def
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begin cmap

/EUC-H use cmap

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/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

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/WMode 1 def

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end CID range

100 begin

cdrange

end CID range
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CMapName currentdict /CMap defineresource pop
end
end

%%%%EndResource
%%%%EOF
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%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (78-H)
%!Title: (78-H Adobe Japan1 0)
%!Version: 10.001
%!Copyright: -----------------------------------------------
%!Copyright: All Rights Reserved.
%!Copyright:
%!Copyright: NOTICE: All information contained herein is the property
%!Copyright: of Adobe Systems Incorporated.
%!Copyright:
%!Copyright: Permission is granted for redistribution of this file
%!Copyright: provided this copyright notice is maintained intact and
%!Copyright: that the contents of this file are not altered in any
%!Copyright: way from its original form.
%!Copyright:
%!Copyright: PostScript and Display PostScript are trademarks of
%!Copyright: Adobe Systems Incorporated which may be registered in
%!Copyright: certain jurisdictions.
%!Copyright: -----------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
end def

/CMapName /78-H def
/CMapVersion 10.001 def
/CMapType 1 def
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12 dict begin

begin cmap

/KSCms-UHC-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

/CMapName /KSCms-UHC-V def
/CMapVersion 10.001 def
/CMapType 1 def

/XUID [1 10 25410] def

/WMode 1 def

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endcmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
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%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (Ext-RKSJ-H)
%!Title: (Ext-RKSJ-H Adobe Japan1 2)
%!Version: 11.001
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%!Copyright: All Rights Reserved.
%!Copyright:
%!Copyright: Patents Pending
%!Copyright:
%!Copyright: NOTICE: All information contained herein is the property
%!Copyright: of Adobe Systems Incorporated.
%!Copyright:
%!Copyright: Permission is granted for redistribution of this file
%!Copyright: provided this copyright notice is maintained intact and
%!Copyright: that the contents of this file are not altered in any
%!Copyright: way from its original form.
%!Copyright:
%!Copyright: PostScript and Display PostScript are trademarks of
%!Copyright: Adobe Systems Incorporated which may be registered in
%!Copyright: certain jurisdictions.
%!Copyright: ------------------------------------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
Open Source Used In IMI IMI-ENGAGE
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end
end

%%%EndResource
%%%EOF
/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

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/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 4 def
end def

/CMapName /UniGB-UTF32-H def
/CMapVersion 1.001 def
/CMapType 1 def

/XUID [1 10 25603] def

/WMode 0 def

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<00007d23> <00007d26> 17128
<00007d28> <00007d2a> 17132
<00007d2c> <00007d2e> 17135
<00007d34> <00007d38> 17138
<00007d3d> <00007d3e> 17144
<00007d47> <00007d4d> 17149
<00007d51> <00007d55> 17157
<00007d5f> <00007d60> 17169
<00007d63> <00007d65> 17171
<00007d69> <00007d6d> 17175
<00007d6f> <00007d70> 17180
<00007d74> <00007d75> 17182
<00007d7a> <00007d80> 17185
<00007d84> <00007d85> 17193
<00007d8a> <00007d8e> 17196
<00007d90> <00007d92> 17201
<00007d94> <00007d9b> 17204
<00007d9f> <00007da1> 17213
<00007da4> <00007da5> 17216
<00007da7> <00007daa> 17218
<00007db5> <00007db7> 17223
endcidrange

100 begincidrange

endcidrange
Open Source Used In IMI IMI-ENGAGE 16135
endcidrange

CMapName currentdict /CMap defineresource pop
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (HKdlb-B5-H)
%!Title: (HKdlb-B5-H Adobe CNS1 1)
%!Version: 1.001
%!Copyright: ------------------------------------------------------------------
%!Copyright: All Rights Reserved.
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%!Copyright: certain jurisdictions.
%!Copyright: ------------------------------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/CIDSysInfoInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
Open Source Used In IMI IMI-ENGAGE 16143
endcidrange

100 begincidrange

endcidrange
<cca1> <ccfe> 6529
<cd40> <cd7e> 6623
<da1> <dade> 6686
<ce40> <ce7e> 6780
<ca1> <cafe> 6843
<cf40> <cf7e> 6937
<cf1> <ccfe> 7000
<d040> <d07e> 7094
<d0a1> <d0fe> 7157
<d140> <d17e> 7251
<d1a1> <d1fe> 7314
<d2a1> <d27e> 7408
<d2a1> <d2fe> 7471
<d3a1> <d37e> 7565
<d3a1> <d3fe> 7628
<d4a1> <d47e> 7722
<d4a1> <d4fe> 7785
<d5a1> <d57e> 7879
<d5a1> <d5fe> 7942
<d6a1> <d67e> 8036
<d6a1> <d6cb> 8099
<d6cc> <d6cc> 8788
<d6cd> <d6fe> 8143
<d740> <d779> 8193
<d77a> <d77a> 8889
<d77b> <d77e> 8251
endcidrange

100 begincidrange
<d7a1> <d7fe> 8255
<d840> <d87e> 8349
<d8a1> <d8fe> 8412
<d940> <d9fe> 8506
<d9a1> <d9fe> 8569
<da40> <d7e> 8663
<dada> <dade> 8726
<dadf> <dafa> 8789
<db40> <dbfe> 8820
<da1> <da6> 8883
<dba7> <dbfa> 8900
<dc40> <d7e> 8978
<dc40> <dce> 9041
<de40> <dd7e> 9135
<da40> <da7> 9198
<ddfe> <ddfe> 9089
<ddfe> <ddfe> 9289
<de40> <de7e> 9291
# Adobe Glyph List

## Format:
Semicolon-delimited fields:

1. glyph name
2. Unicode scalar value

### Glyphs:

- A;0041
- AE;00C6
- AEacute;01FC
- AEmacron;01E2
- AEsmall;F7E6
- Aacute;00C1
- Acircumflex;00C2
- Acircumflexacute;1EA4
- Acircumflexdotbelow;1EAC
- Acircumflexgrave;1EA6
- Acircumflexhookabove;1EA8
- Acircumflexsmall;F7E2
- Acircumflextilde;1EAA
- Acute;F6C9
- Acutesmall;F7B4
- Acuteleft;0101
- Ablgrave;0200
- Acedil;00C4
- Adieresis;00C5
- Adieresiscyrillic;04D3
- Adieresiscedilla;01DE
- Adieresiscedilla;F7E4
- Adotbelow;1EA0
- Adotaccent;01E0
- Aacute;00C1
- Afred;01E2
- Afredsmall;F7E6
- Afree;01D0
- Aped;01D1
- Atilde;01E0
- Atilde;F7E0
- Atildeacute;1EAF
- Atildegrave;1EB0
- Atildehookabove;1EB2
- Atildetilde;1EB4
- Atildeumlaut;1EB6
- Auml;00C2
- Aumlnue;0236
- Aumlnue;F7E2
- Atilde;F7E0
- Atildeacute;1EAF
- Atildegrave;1EB0
- Atildehookabove;1EB2
- Atildetilde;1EB4
Gravesmall:F760
Gsmall:F767
Gsmallhook:029B
Gstroke:01E4
H:0048
H18533:25CF
H18543:25AA
H18551:25AB
H22073:25A1
HPsquare:33CB
Haabkhasiancyrillic:04A8
Hadescendercyrillic:04B2
Hardsigncyrillic:042A
Hbar:0126
Hbrevebelow:1E2A
Heedilla:1E28
Hcircle:24BD
Hcircumflex:0124
Hdieresis:1E26
Hdotaccent:1E22
Hdotbelow:1E24
Hmonospace:FF28
Hoarmenian:0540
Horicoptic:03E8
Hsmall:F768
Hungarumlaut:F6CF
Hungarumlautsmall:F6F8
Hzsquare:3390
I:0049
IAcyrillic:042F
II:0132
IUcyrillic:042E
Iacute:00CD
Iacutesmall:F7ED
Ibreve:012C
Icaron:01CF
Icircle:24BE
Icircumflex:00CE
Icircumflexsmall:F7EE
Icyrillic:0406
Idblgrave:0208
Idieresis:00CF
Idieresisacute:1E2E
Idieresisiscyrillic:04E4
Idieresisismall:F7EF
Idot:0130
Idotaccent:0130
Idotbelow:1ECA
Open Source Used In IMI IMI-ENGAGE 16196
Open Source Used In IMI IMI-ENGAGE 16199
Open Source Used In IMI IMI-ENGAGE 16228
#--end
#
# Name: Adobe Glyph List
# Table version: 1.2
# Date: 22 Oct 1998
#
# Description:
#
# The Adobe Glyph List (AGL) list relates Unicode values (UVs) to glyph
# names, and should be used only as described in the document "Unicode and
# Glyph Names," at
#
# The glyph name to UV relation is one to many. 12 glyph names are mapped to
# two UVs each; each UV has a separate entry. All other glyph names are
# mapped to one UV each.
#
# The Unicode Standard version 2.1 is used for all UVs outside of the Private
# Use area, except for 4 entries (see Revision History for 1.2 below).
#
# There are 1051 entries in this list, 171 of which are in the Corporate Use
# subarea (CUS). Refer to the document "Unicode Corporate Use Subarea as used
# by Adobe Systems," at
# http://partners.adobe.com/asn/developer/typeforum/corporateuse.txt
# for compatibility decompositions for these characters, and to the document
# "Unicode and Glyph Names" for more information the CUS.
#

# Format: Semicolon-delimited fields:
# 1. Standard UV or CUS UV. (4 uppercase hexadecimal digits)
# 2. Glyph name. (upper- and lowercase letters, digits)
# 3. Character names: Unicode character names for standard UVs, and
descriptive names for CUS UVs. (uppercase letters, hyphen, space)
# 4. [optional] Comment. A comment of "Duplicate" indicates one of two
UVs of a double-mapping. It is the UV that may be given a uni<CODE>
override, or the UV that is in the CUS, as described in the document
"Unicode and Glyph Names."
# The entries are sorted by glyph name in increasing ASCII order; entries
with the same glyph name are sorted in decreasing priority order.
# Lines starting with "#" are comments; blank lines should be ignored.
# Revision History:
# 1.2 [22 Oct 1998]
# Some Central European glyph names were remapped and the glyph "dotlessj"
was added. Some entries in the table below have not changed but are
included to provide a complete context for other glyphs that have been
remapped or double-mapped. "-" means that the entry for that UV does not
exist in the AGL.
#
# -------- ---------------------- ---------------- --------------
# UV   Character name         AGL 1.1          AGL 1.2
#                (shortened)            glyph name       glyph name
# -------- ---------------------- ---------------- --------------
# 015E/F   S/s with cedilla       S/scommaaccent   S/scedilla
# 0162/3   T/t with cedilla       T/tcommaaccent   T/tcommaaccent
# 0218/9   S/s with comma below   -                S/scommaaccent
# 021A/B   T/t with comma below   -                T/tcommaaccent
# 1E9E/F   S/s with comma below   S/scedilla       -
# F6C1/2   S/s with cedilla       S/scedilla       S/scedilla
# F6BE    dotless j              -                dotlessj
# -------- ---------------------- ---------------- --------------
#
# The characters at U+1E9E/F in AGL 1.1, LATIN CAPITAL/SMALL LETTER S WITH
COMMA BELOW, which are proposed new characters (see (b) in the notes for
AGL 1.1 below), have since been reassigned by the Unicode Standard to new
proposed values of U+0218/9. These characters, as well as U+021A/B, LATIN
CAPITAL/SMALL LETTER T WITH COMMA BELOW, are not in the Unicode Standard
2.1.
Entries with the same glyph name are now sorted in decreasing priority order instead of in increasing UV order.

1.1 [24 Nov 1997]

a. The "Euro" glyph’s UV assignment is changed from U+20A0 (EURO-CURRENCY SIGN) to U+20AC (EURO SIGN). While U+20AC is not defined in the Unicode Standard 2.0, it has been accepted by the Unicode Technical Committee for the next version of the Standard; it has not yet passed the ISO approval process as of 7 November ‘97.

b. Glyphs "Scedilla" and "scedilla", which were assigned in the Corporate Use Subarea in AGL 1.0, are now additionally mapped to U+1E9E and U+1E9F respectively. These two UVs share the same Unicode approval status as the Euro glyph (see a. above).

c. The “fraction” glyph is now additionally mapped to U+2215, to match Windows Glyph List 4.

d. The descriptive name for glyph "onefitted", in the Corporate Use subarea, is changed from "TABULAR DIGIT ONE" to "PROPORTIONAL DIGIT ONE".

1.0 [17 Jul 1997] Original version

A;0041
AE;00C6
AEacute;01FC
AEmil;F7E6
Acute;00C1
Acutesmall;F7E1
Abreve;0102
Acircumflex;00C2
Acircumflexsmall;F7E2
Acute;F6C9
Acutesmall;F7B4
Adieresis;00C4
Adieressmall;F7E4
Agrave;00C0
Agravesmall;F7E0
Alpha;0391
Alphatonos;0386
Amacron;0100
Aogonek;0104
Aring;00C5
Aringacute;01FA
Aringsmall;F7E5
endcidrange
cendmap
CMapName currentdict /CMap defineresource pop
end
end

%%EndResource
%%EOF
%!PS-Adobe-3.0 Resource-CMap
%%DocumentNeededResources: ProcSet (CIDInit)
%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (ETHK-B5-H)
%%Title: (ETHK-B5-H Adobe CNS1 4)
%%Version: 2.002
%%Copyright: ---------------------------------------------------------------
%%Copyright: All Rights Reserved.
%%Copyright:
%%Copyright: Patents Pending
%%Copyright:
%%Copyright: NOTICE: All information contained herein is the property
%%Copyright: of Adobe Systems Incorporated.
<fc75> 18769
<fb99> 4447
<fecc> 18772
<fee2> 3193
<fee3> 18773
<feee> 18774
<fcf1> 1219
<fd49> 18775
<fd6a> 18776
<fdbe> 6333
<fd88> 3261
<fdbe> 3237
<fdbe> 18777
<df1f> 3278
<df2e> 18778
<fe52> 15728
<fe6d> 18779
<fe6e> 17055
<fe6f> 3716
<fe78> 18780
<feaa> 288
<fecc> 7080
endcidchar

100 begincidrange
<20> <7e> 1
<8940> <8955> 17609
<8956> <897e> 18785
<89a1> <89a8> 18826
<89a9> <89aa> 18844
<8940> <8941> 17716
<8946> <8949> 17719
<894e> <8950> 17724
<8952> <897e> 17727
<89a1> <89a5> 17772
<89b0> <89b2> 17779
<89b5> <89bf> 17782
<90c1> <90c3> 17793
<90c5> <90ce> 17796
<90d0> <90d8> 17806
<90de> <90e0> 17817
<90e4> <90e9> 17821
<90ea> <90eb> 17317
<90ec> <90f9> 17827
<90fb> <90fe> 17841
<8a43> <8a4e> 17163
<8a4e> <8a59> 17174
<8a5b> <8a5d> 17187
<8e6d> <8e6e> 14166
<8e70> <8e75> 14169
<8e77> <8e7a> 14175
<8e7c> <8e7d> 14180
<8ea1> <8ea5> 14182
<8ea7> <8eaa> 14187
<8eac> <8eb3> 14192
<8eb5> <8eb7> 14201
<8eb9> <8ec8> 14205
<8eca> <8ecf> 14221
<8ed1> <8ed3> 14228
<8ed6> <8ee> 14248
<8ef0> <8ef5> 14257
<8ef7> <8efe> 14264
<8f40> <8f56> 14272
<8f5a> <8f5e> 14297
<8f60> <8f66> 14302
<8f6a> <8f6d> 14311
<8f6f> <8f78> 14316
<8f7a> <8f7e> 14327
<8fa1> <8fab> 14332
<8fbc> <8fe4> 14348
<8fc8> <8fe9> 14369
<8fcd> <8fd9> 14374
<8fdb> <8fe2> 14387
<8fe4> <8ff> 14396
<9040> <9054> 14422
<9056> <905b> 14444
endcidrange

100 beginidrange
<905c> <905e> 18095
<905f> <906c> 14451
<9070> <9079> 14467
<907b> <907e> 14477
<90a1> <90a5> 14481
<90a7> <90b7> 14486
<90b9> <90db> 14503
<90dd> <90f0> 14539
<90f2> <90fe> 14560
<9140> <9164> 14573
<9166> <916d> 14610
<916f> <917d> 14618
<91a3> <91be> 14634
<91c0> <91c7> 14663
<91c9> <91fe> 14672
<9240> <9243> 14726
<ceal> <cefe> 6843
<cf40> <cf7e> 6937
<cfal> <cffe> 7000
<d040> <d07e> 7094
<d0al> <d0fe> 7157
<d140> <d17e> 7251
<d1al> <d1fe> 7314
<d240> <d27e> 7408
<d2al> <d2fe> 7471
endcidrange

100 begincidrange
<d340> <d37e> 7565
<d3al> <d3fe> 7628
<d440> <d47e> 7722
<d4al> <d4fe> 7785
<d540> <d57e> 7879
<d5al> <d5fe> 7942
<d640> <d67e> 8036
<d6al> <d6fe> 8099
<d6cd> <d6fe> 8143
<d740> <d77e> 8193
<d77b> <d77e> 8251
<d7al> <d7fe> 8255
<d840> <d87e> 8349
<d8al> <d8fe> 8412
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<d9al> <d9fe> 8569
<da40> <da7e> 8663
<daal> <dafe> 8726
<dae0> <dafe> 8789
<db40> <db7e> 8820
<dba1> <dba6> 8883
<dba7> <dbfe> 8890
<dc40> <dc7e> 8978
<dcal> <dcfe> 9041
<dd40> <dd7e> 9135
<dda1> <ddfb> 9198
<ddf0> <ddf6> 9289
<de40> <de7e> 9291
<dea1> <defe> 9354
<df40> <df7e> 9448
<dfa1> <dffe> 9511
<eo40> <e07e> 9605
<eoal> <e0fe> 9668
<e140> <e17e> 9762
<e1a1> <e1fe> 9825
<e240> <e27e> 9919
endcidrange
cmap
CMapName currentdict /CMap defineresource pop
end
end

% EndResource
% EOF
%!PS-Adobe-3.0 Resource-CMap
% DocumentNeededResources: ProcSet (CIDInit)
% DocumentNeededResources: CMap (RKSJ-H)
% IncludeResource: ProcSet (CIDInit)
% IncludeResource: CMap (RKSJ-H)
% BeginResource: CMap (RKSJ-V)
% Title: (RKSJ-V Adobe Japan1 1)
% Version: 12.000
% Copyright: -------------------------------
% Copyright: Copyright 1990-2001 Adobe Systems Incorporated.
/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

/RKSJ-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 1 def
end def

/CMapName /RKSJ-V def
/CMapVersion 12.000 def
/CMapType 1 def

/UIDOffset 840 def
/XUID [1 10 25339] def

/WMode 1 def

27 begincidrange
<8141> <8142> 7887
<8150> <8151> 7889
<815b> <815d> 7891
<8160> <8164> 7894
<8169> <817a> 7899
<8181> <8181> 7917
IsFixedPitch false

CharacterSet ExtendedRoman

FontBBox -169 -217 1010 883

UnderlinePosition -100

UnderlineThickness 50

Version 002.000


EncodingScheme AdobeStandardEncoding

CapHeight 653

XHeight 441

Ascender 683

Descender -217

StdHW 32

StdVW 76

StartCharMetrics 315

C 32 ; WX 250 ; N space ; B 0 0 0 0 ;

C 33 ; WX 333 ; N exclamation ; B 39 -11 302 667 ;

C 34 ; WX 420 ; N quotedbl ; B 144 421 432 666 ;

C 35 ; WX 500 ; N numbersign ; B 2 0 540 676 ;

C 36 ; WX 500 ; N dollar ; B 31 -89 497 731 ;

C 37 ; WX 833 ; N percent ; B 79 -13 790 676 ;

C 38 ; WX 778 ; N ampersand ; B 76 -18 723 666 ;

C 39 ; WX 333 ; N quoterright ; B 151 436 290 666 ;
C 112 ; WX 500 ; N p ; B -75 -205 469 441 ;
C 113 ; WX 500 ; N q ; B 25 -209 483 441 ;
C 114 ; WX 389 ; N r ; B 45 0 412 441 ;
C 115 ; WX 389 ; N s ; B 16 -13 366 442 ;
C 116 ; WX 278 ; N t ; B 37 -11 296 546 ;
C 117 ; WX 500 ; N u ; B 42 -11 475 441 ;
C 118 ; WX 444 ; N v ; B 21 -18 426 441 ;
C 119 ; WX 667 ; N w ; B 16 -18 648 441 ;
C 120 ; WX 444 ; N x ; B -27 -11 447 441 ;
C 121 ; WX 444 ; N y ; B -24 -206 426 441 ;
C 122 ; WX 389 ; N z ; B -2 -81 380 428 ;
C 123 ; WX 400 ; N braceleft ; B 51 -177 407 687 ;
C 124 ; WX 275 ; N bar ; B 105 -217 171 783 ;
C 125 ; WX 400 ; N braceright ; B -7 -177 349 687 ;
C 126 ; WX 541 ; N asciitilde ; B 40 183 502 323 ;
C 161 ; WX 389 ; N exclamdown ; B 59 -205 322 473 ;
C 162 ; WX 500 ; N cent ; B 77 -143 472 560 ;
C 163 ; WX 500 ; N sterling ; B 10 -6 517 670 ;
C 164 ; WX 167 ; N fraction ; B -169 -10 337 676 ;
C 165 ; WX 500 ; N yen ; B 27 0 603 653 ;
C 166 ; WX 500 ; N florin ; B 25 -182 507 682 ;
C 167 ; WX 500 ; N section ; B 53 -162 461 666 ;
C 168 ; WX 500 ; N currency ; B -22 53 522 597 ;
C 169 ; WX 214 ; N quotesingle ; B 132 421 241 666 ;
KPX A Umacron -50
KPX A Uogonek -50
KPX A Uring -50
KPX A V -105
KPX A W -95
KPX A Y -55
KPX A Yacute -55
KPX A Ydieresis -55
KPX A quoteright -37
KPX A u -20
KPX A uacute -20
KPX A ucircumflex -20
KPX A udieresis -20
KPX A ugrave -20
KPX A uhungarumlaut -20
KPX A umacron -20
KPX A uogonek -20
KPX A uring -20
KPX A v -55
KPX A w -55
KPX A y -55
KPX A yacute -55
KPX A ydieresis -55
KPX Aacute C -30
KPX Abreve C -30
KPX Abreve Cacute -30
KPX Abreve Ccaron -30
KPX Abreve Ccedilla -30
KPX Abreve G -35
KPX Abreve Gbreve -35
KPX Abreve Gcommaaccent -35
KPX Abreve O -40
KPX Abreve Oacute -40
KPX Abreve Ocircumflex -40
KPX Abreve Odieresis -40
KPX Abreve Ograve -40
KPX Abreve Ohungarumlaut -40
KPX Abreve Omacron -40
KPX Abreve Oslash -40
KPX Abreve Otilde -40
KPX Abreve Q -40
KPX Abreve T -37
KPX Abreve Tcaron -37
KPX Abreve Tcommaaccent -37
KPX Abreve U -50
KPX Abreve Uacute -50
KPX Abreve Ucircumflex -50
KPX Abreve Udieresis -50
KPX Acircumflex yacute -55
KPX Acircumflex ydieresis -55
KPX Adieresis C -30
KPX Adieresis Cacute -30
KPX Adieresis Ccaron -30
KPX Adieresis Ccedilla -30
KPX Adieresis G -35
KPX Adieresis Gbreve -35
KPX Adieresis Gcommaaccent -35
KPX Adieresis O -40
KPX Adieresis Oacute -40
KPX Adieresis Ocircumflex -40
KPX Adieresis Odieresis -40
KPX Adieresis Ograve -40
KPX Adieresis Ohungarumlaut -40
KPX Adieresis Omacron -40
KPX Adieresis Oslash -40
KPX Adieresis Otilde -40
KPX Adieresis Q -40
KPX Adieresis T -37
KPX Adieresis Tcaron -37
KPX Adieresis Tcommaaccent -37
KPX Adieresis U -50
KPX Adieresis Uacute -50
KPX Adieresis y-55
KPX Adieresis yacute-55
KPX Adieresis ydieresis-55
KPX Agrave C-30
KPX Agrave Cacute-30
KPX Agrave Ccaron-30
KPX Agrave Ccedilla-30
KPX Agrave G-35
KPX Agrave Gbreve-35
KPX Agrave Gcommaaccent-35
KPX Agrave O-40
KPX Agrave Oacute-40
KPX Agrave Ocircumflex-40
KPX Agrave Odieresis-40
KPX Agrave Ograve-40
KPX Agrave Ohungarumlaut-40
KPX Agrave Omacron-40
KPX Agrave Oslash-40
KPX Agrave Otilde-40
KPX Agrave Q-40
KPX Agrave T-37
KPX Agrave Tcaron-37
KPX Agrave Tcommaaccent-37
KPX Agrave U-50
KPX Agrave Uacute -50
KPX Agrave Ucircumflex -50
KPX Agrave Udieresis -50
KPX Agrave Ugrave -50
KPX Agrave Uhungarumlaut -50
KPX Agrave Umacron -50
KPX Agrave Uogonek -50
KPX Agrave Uring -50
KPX Agrave V -105
KPX Agrave W -95
KPX Agrave Y -55
KPX Agrave Yacute -55
KPX Agrave Ydieresis -55
KPX Agrave quoterright -37
KPX Agrave u -20
KPX Agrave uacute -20
KPX Agrave ucircumflex -20
KPX Agrave udieresis -20
KPX Agrave ugrave -20
KPX Agrave uhungarumlaut -20
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%%EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

/HKm314-B5-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (CNS1) def
/Supplement 1 def
end def

/CMapName /HKm314-B5-V def
/CMapVersion 12.000 def
/CMapType 1 def

/XUID [1 10 25528] def

/WMode [1 10 25528] def

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<a1e3> <a1e3> 13647
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dendmap
CMapName currentdict /CMap defineresource pop
end

%%EndResource
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%%DocumentNeededResources: CMap (90ms-RKSJ-H)
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%%IncludeResource: CMap (90ms-RKSJ-H)
%%BeginResource: CMap (90ms-RKSJ-V)
%%Title: (90ms-RKSJ-V Adobe Japan1 2)
%%Version: 11.001
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/CIDInit /ProcSet findresource begin

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/90ms-RKSJ-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
Open Source Used In IMI IMI-ENGAGE 16422
12 dict begin

beginmap

/UniKS-UTF32-H usecmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Korea1) def
/Supplement 1 def
end def

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/CMapType 1 def
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%!IncludeResource: ProcSet (CIDInit)
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%!BeginResource: CMap (NWP-V)
%!Title: (NWP-V Adobe Japan1 0)
%!Version: 10.001
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%!EndComments

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12 dict begin

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/NWP-H usecmap

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/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 0 def
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iTextSharp is a port of the iText open source Java library for PDF generation written entirely in C# for the .NET platform. This repository contains the source code of the last version of the library released under the Mozilla Public License and the LGPL, before the project moved to the AGPL. You can use this version if you need a free PDF library for use in closed-source projects.

NuGet package
-------------

A compiled binary of iTextSharp 4.1.6 is provided by the `iTextSharp-LGPL` NuGet package. To install it, run the following command in the Package Manager Console:

    Install-Package iTextSharp-LGPL

Updates and bug fixes
---------------------

This repository is frozen to iTextSharp version 4.1.6 and will *not* be updated.

For more recent versions (available under AGPL and commercial licenses), please refer to:
- [Corporate homepage of iText](http://itextpdf.com/)
- [Official GitHub repository "itext/iTextSharp"](https://github.com/itext/itextsharp)

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%%Version: 13.001
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%%Copyright: -----------------------------------------------
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/CIDInit /ProcSet findresource begin

12 dict begin

begin cmap

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/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 5 def
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Open Source Used In IMI IMI-ENGAGE 17162
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Open Source Used In IMI IMI-ENGAGE 17169
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%%IncludeResource: ProcSet (CIDInit)
%%BeginResource: CMap (UniJIS-UTF32-H)
%%Title: (UniJIS-UTF32-H Adobe Japan1 5)
%%Version: 1.001
%%Copyright: -----------------------------------------------------------
%%Copyright: All Rights Reserved.
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%%Copyright: PostScript and Display PostScript are trademarks of
%%Copyright: Adobe Systems Incorporated which may be registered in
%%Copyright: certain jurisdictions.
%%Copyright: -----------------------------------------------------------
%%EndComments

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12 dict begin
begin cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (Japan1) def
/Supplement 5 def
end def

/CMapName /UniJIS-UTF32-H def
/CMapVersion 1.001 def
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%%Copyright: All Rights Reserved.
%%Copyright:
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%Version: 10.001
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KPX otilde x -30
KPX otilde y -30
KPX otilde yacute -30
KPX otilde ydieresis -30
KPX p comma -35
KPX p period -35
KPX p y -30
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KPX p ydieresis -30
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KPX period quoteright -100
KPX period space -60
KPX quotedblright space -40
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KPX quoteright d -50
KPX quoteright dcroat -50
KPX quoteright quoteright -57
KPX quoteright r -50
KPX quoteright racute -50
KPX quoteright rcaron -50
KPX quoteright rcommaaccent -50
KPX racute imacron 15
KPX racute iogonek 15
KPX racute k 15
KPX racute kcommaaccent 15
KPX racute l 15
KPX racute lacute 15
KPX racute lcommaaccent 15
KPX racute lslash 15
KPX racute m 25
KPX racute n 25
KPX racute nacute 25
KPX racute ncaron 25
KPX racute ncommaaccent 25
KPX racute ntilde 25
KPX racute p 30
KPX racute period -50
KPX racute semicolon 30
KPX racute t 40
KPX racute tcommaaccent 40
KPX racute u 15
KPX racute uacute 15
KPX racute uacute 15
KPX racute ucircumflex 15
KPX racute udieresis 15
KPX racute ugrave 15
KPX racute uhungarumlaut 15
KPX racute umacron 15
KPX racute uogonek 15
KPX racute uring 15
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KPX racute y 30
KPX racute yacute 30
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KPX rcaron agrave -10
KPX rcaron amacron -10
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KPX rcaron aring -10
KPX rcaron atilde -10
KPX rcaron colon 30
KPX rcaron comma -50
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KPX rcaron iacute 15
KPX rcaron icircumflex 15
KPX rcaron idieresis 15
KPX rcommaaccent idiersis 15
KPX rcommaaccent igrave 15
KPX rcommaaccent imacron 15
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KPX rcommaaccent k 15
KPX rcommaaccent kcommaaccent 15
KPX rcommaaccent l 15
KPX rcommaaccent lacute 15
KPX rcommaaccent lcommaaccent 15
KPX rcommaaccent lslash 15
KPX rcommaaccent m 25
KPX rcommaaccent n 25
KPX rcommaaccent nacute 25
KPX rcommaaccent ncaron 25
KPX rcommaaccent ncommaaccent 25
KPX rcommaaccent ntilde 25
KPX rcommaaccent p 30
KPX rcommaaccent period -50
KPX rcommaaccent semicolon 30
KPX rcommaaccent t 40
KPX rcommaaccent tcommaaccent 40
KPX rcommaaccent u 15
KPX rcommaaccent uacute 15
KPX rcommaaccent ucircumflex 15
Open Source Used In IMI IMI-ENGAGE  18826
KPX v eacute -25
KPX v ecaron -25
KPX v ucircumflex -25
KPX v edieresis -25
KPX v edotaccent -25
KPX v egrave -25
KPX v emacron -25
KPX v eogonek -25
KPX v o -25
KPX v oacute -25
KPX v ocircumflex -25
KPX v odieresis -25
KPX v ograve -25
KPX v ohungarumlaut -25
KPX v omacron -25
KPX v oslash -25
KPX v otilde -25
KPX v period -80
KPX w a -15
KPX w aacute -15
KPX w abreve -15
KPX w acircumflex -15
KPX w adieresis -15
KPX w agrave -15
KPX w amacron -15
KPX w aogonek -15
KPX w aring -15
KPX w atilde -15
KPX w comma -60
KPX w e -10
KPX w eacute -10
KPX w ecaron -10
KPX w ecircumflex -10
KPX w edieresis -10
KPX w edotaccent -10
KPX w egrave -10
KPX w emacron -10
KPX w eogonek -10
KPX w o -10
KPX w oacute -10
KPX w ocircumflex -10
KPX w odieresis -10
KPX w ograve -10
KPX w ohungarumlaut -10
KPX w omacron -10
KPX w oslash -10
KPX w otilde -10
KPX w period -60
KPX yacute atilde -20
KPX yacute comma -100
KPX yacute e -20
KPX yacute eacute -20
KPX yacute ecaron -20
KPX yacute ecircumflex -20
KPX yacute edieresis -20
KPX yacute edotaccent -20
KPX yacute egrave -20
KPX yacute emacron -20
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KPX yacute oacute -20
KPX yacute ocircumflex -20
KPX yacute odieresis -20
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KPX ydieresis abreve -20
KPX ydieresis acircumflex -20
KPX ydieresis adieresis -20
KPX ydieresis agrave -20
KPX ydieresis amacron -20
KPX ydieresis aogonek -20
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KPX ydieresis atilde -20
KPX ydieresis comma -100
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KPX ydieresis eacute -20
KPX ydieresis ecaron -20
KPX ydieresis ecircumflex -20
KPX ydieresis edieresis -20
KPX ydieresis edotaccent -20
KPX ydieresis egrave -20
KPX ydieresis emacron -20
KPX ydieresis eogonek -20
KPX ydieresis o -20
KPX ydieresis oacute -20
KPX ydieresis ocircumflex -20
KPX ydieresis odieresis -20
KPX ydieresis ograve -20
KPX ydieresis ohungarumlaut -20
KPX ydieresis omacron -20
KPX ydieresis oslash -20
KPX ydieresis otilde -20
KPX ydieresis period -100
KPX z e -15
KPX z eacute -15
KPX z ecaron -15
KPX z ecircumflex -15
KPX z edieresis -15
KPX z edotaccent -15
KPX z egrave -15
KPX z emacron -15
KPX z eogonek -15
KPX z o -15
KPX z oacute -15
KPX z ocircumflex -15
KPX z odieresis -15
KPX z ograve -15
KPX z ohungarumlaut -15
KPX z omacron -15
KPX z oslash -15
KPX z otilde -15
KPX zacute e -15
KPX zacute eacute -15
KPX zacute ecaron -15
CapHeight 562
XHeight 439
Ascender 629
Descender -157
StdHW 84
StdVW 106
StartCharMetrics 315

C 32 ; WX 600 ; N space ; B 0 0 0 0 ;
C 33 ; WX 600 ; N exclam ; B 202 -15 398 572 ;
C 34 ; WX 600 ; N quotedbl ; B 135 277 465 562 ;
C 35 ; WX 600 ; N numbersign ; B 56 -45 544 651 ;
C 36 ; WX 600 ; N dollar ; B 82 -126 519 666 ;
C 37 ; WX 600 ; N percent ; B 5 -15 595 616 ;
C 38 ; WX 600 ; N ampersand ; B 36 -15 546 543 ;
C 39 ; WX 600 ; N quoteright ; B 171 277 423 562 ;
C 40 ; WX 600 ; N parenleft ; B 219 -102 461 616 ;
C 41 ; WX 600 ; N parenright ; B 139 -102 381 616 ;
C 42 ; WX 600 ; N asterisk ; B 91 219 509 601 ;
C 43 ; WX 600 ; N plus ; B 71 39 529 478 ;
C 44 ; WX 600 ; N comma ; B 123 -111 393 174 ;
C 45 ; WX 600 ; N hyphen ; B 100 203 500 313 ;
C 46 ; WX 600 ; N period ; B 192 -15 408 171 ;
C 47 ; WX 600 ; N slash ; B 98 -77 502 626 ;
C 48 ; WX 600 ; N zero ; B 87 -15 513 616 ;
<00> <80>
<A1A1> <FCFE>
<FD> <FF>
endcodespacerange

1 beginnotdefrange
<00> <1f> 1
endnotdefrange

100 begincidrange
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<a2b1> <a2e2> 190
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<a2f1> <a2fe> 250
<a3a1> <a3fe> 262
<a4a1> <a4f3> 356
<a5a1> <a5f6> 439
<a6a1> <a6b8> 525
<a6c1> <a6f5> 549
<a7a1> <a7c1> 602
<a7d1> <a7f1> 635
<a8a1> <a8c0> 668
<a8e5> <a8ea> 700
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<aaa1> <aafe> 814
<aba1> <abc0> 908
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<b0a9> <b0a9> 948
<b0aa> <b0aa> 7718
<b0ab> <b0ac> 950
<b0ad> <b0ae> 7719
<b0af> <b0b8> 954
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<b0ba> <b0bf> 965
<b0c0> <b0c0> 7722
<b0c1> <b0d2> 972
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<b0d5> <b0d5> 7724
<b0d6> <b0d9> 993
<b0da> <b0da> 7725
<b0db> <b0db> 998
<b0dc> <b0dc> 7726
<b0dd> <b0e3> 1000
<b0e4> <b0e4> 7727

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endcidrange

100 begincidrange

endcidrange
<b4cd> <b4ed> 7839
<b4ce> <b4ce> 1361
<b4cf> <b4cf> 7840
<b4d0> <b4d2> 1363
<b4d3> <b4d4> 7841
<b4d5> <b4d9> 1368
<b4da> <b4da> 7843
<b4db> <b4dc> 1374
<b4dc> <b4dc> 7844
<b4dd> <b4dc> 1376
<b4ed> <b4ed> 7845
<b4ee> <b4ee> 1393
<b4ef> <b4ef> 7846
<b4f0> <b4f7> 1395
<b4f8> <b4f8> 7847
<b4f9> <b4fa> 1404
<b4fb> <b4fb> 7848
<b4fc> <b4fe> 1407
<b5a1> <b5a2> 1410
<b5a3> <b5a3> 7849
<b5a4> <b5a4> 1413
endcidrange

100 begincidrange
<b5a5> <b5a8> 7850
<b5a9> <b5ab> 1418
<b5ac> <b5ac> 7854
<b5ad> <b5ad> 1422
<b5ae> <b5af> 7855
<b5b0> <b5b0> 1425
<b5b1> <b5b5> 7857
<b5b6> <b5b6> 1431
<b5b7> <b5b7> 7862
<b5b8> <b5b9> 1433
<b5ba> <b5bc> 7863
<b5bd> <b5c5> 1438
<b5c6> <b5c6> 7866
<b5c7> <b5ca> 1448
<b5cb> <b5cb> 7867
<b5cc> <b5cf> 1453
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<b5d3> <b5d3> 7869
<b5d4> <b5dc> 1461
<b5dd> <b5df> 7870
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<b5e4> <b5e5> 1477
Open Source Used In IMI IMI-ENGAGE 18863

endcidrange

100 begincidrange

endcidrange
Open Source Used In IMI IMI-ENGAGE 18867

endcidrange

100 begincidrange

<bcea> <bcec> 8073
<bced> <bcee> 2144
<bcef> <bcf3> 8076
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endcidrange

100 beginincidrange
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<bfbc> <bfbc> 8165
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<bfbe> <bfbe> 2480
<bfbe> <bfbe> 8194
<bfbe> <bfbe> 2489
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<bfbe> <bfbe> 2496
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<bfbe> <bfbe> 2498
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100 begincidrange
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<2ef> <2ef> 2710
<2f0> <2f0> 8303
<2f1> <2f1> 2712
<2f2> <2f5> 8304
<2f6> <2f6> 2717
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<2fb> <2fe> 2722
<3a1> <3a1> 8312
<3a2> <3a9> 2727
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<3bf> <3c4> 2756
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<3ce> <3ce> 8321
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endcidrange

100 begincidrange
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100 begin incidrange
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end incidrange

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endcidrange 100 begincidrange

<4221 8733>
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<d8d3> <d8d3> 8903
endcidrange

100 begincidrange
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<9f6> <9fe> 4874
<aa1> <aa4> 4883
<aa5> <adfq> 8927
<ae0> <ae9> 4946
<aed> <aee> 8986
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endcidrange

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<e0e1> <e0ef> 5511
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<e0fe> <e0fe> 9093
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<e1ac> <e1ac> 5552
<e1ad> <e1ad> 9097
<e1ae> <e1af> 5554
100 begincidrange
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<eeced> <eebe> 6791
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<ec0> <eeec> 6794
<ee4> <eefe> 9459
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<f0a4> <f0a5> 6954
<f0af> <f0df> 9600
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<f0ed> <f0ee> 7027
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<f0f0> <f0f6> 7030
<f0f7> <f0f7> 9649
begin cmap

/GBT-H use cmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 1 def
end def

/CMapName /GBT-V def
/CMapVersion 10.001 def
/CMapType 1 def

/UIDOffset 700 def
/XUID [1 10 25373] def

/WMode 1 def

20 begincidrange
  <2122> <2122>  575
  <2123> <2123>  574
  <212a> <212a>  598
  <212b> <212c>  7704
  <212d> <212d>  599
  <2132> <213f>  582
  <217e> <217e>  7706
  <2321> <2321>  578
  <2328> <2329>  580
  <232e> <232e>  7707
  <233a> <233b>  576
  <233d> <233d>  7708
  <233f> <233f>  579
  <235b> <235b>  7709
  <235d> <235d>  7710
  <235f> <235f>  600
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%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (GBpc-EUC-H)
%!Title: (GBpc-EUC-H Adobe GB1 0)
%!Version: 9.001
%!Copyright: -----------------------------------------------
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%!Copyright: -----------------------------------------------
%!EndComments

/CIDInit /ProcSet findresource begin

12 dict begin

begincmap

/CIDSystemInfo 3 dict dup begin
/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 0 def
end def
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dendmap
CMapName currentdict /CMap defineresource pop
end

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%!DocumentNeededResources: ProcSet (CIDInit)
%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (83pv-RKSJ-H)
%!Title: (83pv-RKSJ-H Adobe Japan1 1)
%!Version: 10.001
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% %EndComments

/CIDInit /ProcSet findresource begin

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begin cmap

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/Registry (Adobe) def
/Ordering (GB1) def
/Supplement 4 def
end def

/CMapName /GBK2K-H def
/CMapVersion 1.002 def
/CMapType 1 def

/XUID [1 10 25459] def

/WMode 0 def

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%Ordering (Korea1) def
%Supplement 0 def
end def

%CMapName /KSC-EUC-H def
%CMapVersion 9.001 def
%CMapType 1 def

%UIDOffset 100 def
%XUID [1 10 25400] def

%WMode 0 def

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12 dict begin

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/Supplement 2 def
end def

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/CMapType 1 def

/XUID [1 10 25445] def

/WMode 0 def

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open source used in IMI IMI-ENGAGE 19059

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begincmap

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/Supplement 0 def
end def

/CMapName /CNS1-V def
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/WMode 1 def

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endcmap
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end

%%EndResource
%%EOF
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%!IncludeResource: ProcSet (CIDInit)
%!BeginResource: CMap (UniKS-UTF8-H)
%!Title: (UniKS-UTF8-H Adobe Korea1 1)
%!Version: 11.000
%!Copyright: ---------------------------------------------------------------------
%!Copyright: All Rights Reserved.
/CIDInit /ProcSet findresource begin

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1.284 system-identitymodel-tokens-jwt

6.7.1.10630004657

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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Martin Richards
23 February 2007

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  </PropertyGroup>
  <ItemGroup>
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    <Compile Include="..\..\ServerContracts\Server.CoClasses.cs" />
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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

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1.291 masstransit-automatonymous 7.1.5.0
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