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1.317 safe-buffer 5.2.1
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1.319 process-nextick-args 2.0.1
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1.320 spdx-expression-parse 3.0.1
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1.321 object-assign 4.1.1
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1.322 supports-color 5.5.0
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1.336 lcms 2.17

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1.339 cpp 12.3.0-1ubuntu1~22.04.2

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1.340 sanitized-anchor-name 1.0.0

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1.342 errors 0.9.1

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1.344 go-units 0.4.0

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1.345 glibc 2.35-0ubuntu3.11

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1.346 dpkg 1.21.1ubuntu2.6

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1.347 zulu11-ca 11.0.28-3

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1.348 jdk-zulu 11.82+19

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1.349 failureaccess 1.0.1

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1.353 e2fsprogs 1.44.1-1ubuntu1.3

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1.355 is-plain-obj 1.1.0

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1.356 swagger-jaxrs2 2.1.2

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1.357 @mapbox/polyline 1.1.1

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1.359 jersey-container-servlet-core 2.34

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1.365 py3-progress 1.5-r0

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1.366 scala 2.11.11

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1.373 trim-newlines 3.0.1
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1.374 musl 1.1.24-r10
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1.375 spdx-license-ids 3.0.10
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1.376 pam 1.1.8-3.6ubuntu2.18.04.2
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1.395 jersey-entity-filtering 2.34

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1.410 kubernetes-apimachinery 0.18.0

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1.461 libidn 2.3.2-2build1

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1.463 jersey-media-json-jackson 2.34

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1.471 decamelize-keys 1.1.0
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1.504 core-util-is 1.0.2

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1.505 x-text 0.3.2

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1.520 @types/normalize-package-data 2.4.1

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* /opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanContext.java
* /opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanBuilder.java
*
/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopScopeManager.java
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* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/AutoFinishScopeManager.java
* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScope.java
* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScopeManager.java
* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/GlobalTracer.java
*
/opentracing-util-0-31-0-sources-jar/io/opentracing/util/AutoFinishScope.java
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Found in path(s):
* /opentracing-util-0-31-0-sources-jar/META-INF/maven/io.opentracing/opentracing-util/pom.xml

1.3 bson4jackson 2.7.0

1.4 jtoml 1.0.0

1.5 jul-to-slf4j 1.7.26

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Found in path(s):
* /jul-to-slf4j-1-7-26-sources-jar/org/slf4j/bridge/SLF4JBridgeHandler.java

1.6 javax-ws-rs-api 2.0.1

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* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/FactoryFinder.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Request.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/GET.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/MatrixParam.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/OPTIONS.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/UriInfo.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/RuntimeDelegate.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/CookieParam.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/MessageBodyReader.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/HEAD.java

* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/NewCookie.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/UriBuilder.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/POST.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/DefaultValue.java
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* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/DELETE.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/package-info.java
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* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/PathParam.java
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* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Variant.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/Consumes.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/client/FactoryFinder.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/HttpHeaders.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/FormParam.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/EntityTag.java
* /javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/Produces.java

1.7 commons-lang3 3.2.1

1.8 j2objc-annotations 1.3

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* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java
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* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/RetainedWith.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ReflectionSupport.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/RetainedLocalRef.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/Property.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/LoopTranslation.java
*
/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ObjectiveCName.java

1.9 javassist 3.19.0-GA

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1.10 slf4j 1.7.7

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1.12 profiler 1.0.2

1.13 websocket-api 9.4.18.v20190429

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The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.14 jetty-xml 9.4.18.v20190429

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* javax.websocket:javax.websocket-api

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If ALPN is used to negotiate HTTP/2 connections, then the following
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* java.sun.security.ssl

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org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.16 jetty-webapp 9.4.18.v20190429

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

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org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.20 jetty-security 9.4.18.v20190429

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
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org.apache.tomcat:tomcat-jasper-el
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.28 websocket-server 9.4.18.v20190429

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.29 metrics-health-checks 4.1.0

1.30 websocket-servlet 9.4.18.v20190429

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 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
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1.31 metrics-jetty 4.1.0

1.32 commons-collections 4.4

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1.35 hk2-utils 2.6.1

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1.36 hk2-api 2.6.1

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1.39 mongo-jackson-codec 3.2.2__0.5

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1.40 amqp-client 5.8.0

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1.41 jakarta-inject 2.6.1

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1.42 java-jwt 3.9.0

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1.43 jaxb-api 2.4.0-b180830.0359

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1.44 swagger-core 2.1.2

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.core
Bnd-LastModified: 1585747900398
Build-Jdk: 1.8.0_151
Built-By: frantuma
Bundle-Description: Sonatype helps open source projects to set up Mave
n repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-core
Bundle-SymbolicName: io.swagger.core.v3.swagger-core
Bundle-Version: 2.1.2
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.v3.core.model;version="2.1.2",io.swagger.v3
.core.filter;version="2.1.2";uses:="io.swagger.v3.core.model,io.swagg
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url: https://github.com/swagger-api/swagger-core/modules/swagger-core

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1.45 swagger-annotations 2.1.2

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* /swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/servers/ServerVariable.java

1.46 swagger-integration 2.1.2

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1.47 swagger-models 2.1.2

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*/
/**
    * Returns an array containing all of the elements in this deque, in
    * proper sequence (from first to last element).

   *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this deque
    */
```

Found in path(s):
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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```
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```

*
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* https://github.com/marianobarrios/tls-channel
*/

Found in path(s):
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/tlschannel/util/TlsChannelCallbackException.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/ExtendedAsynchronousByteChannel.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/util/Util.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
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*

```
* Original Work: MIT License, Copyright (c) [2015-2018] all contributors
* https://github.com/marianobarrios/tls-channel
*/
/**
   * Writes a sequence of bytesProduced to this channel from a subsequence of the
   * given buffers.
   *
   * <p>
   * See {@link GatheringByteChannel#write(ByteBuffer[], int, int)} for
 more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different than the interface specification,
   * with respect to non-blocking responses, see {@link #write(ByteBuffer)}
   * for more details.
   *
   * @param srcs   The buffers from which bytesProduced are to be retrieved
   * @param offset The offset within the buffer array of the first buffer from
   *               which bytesProduced are to be retrieved; must be non-negative and no
   *               larger than <tt>srcs.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
   *               non-negative and no larger than <tt>srcs.length</tt>
   *                - <tt>offset</tt>
   * @return The number of bytesProduced written, contrary to the behavior specified
   * in {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If
 the preconditions on the <tt>offset</tt> and
   *                                   <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
   *                                   cannot be completed immediately
   * @throws NeedsTaskException        if the channel is not configured to run tasks automatically
   *                                   and a task needs to be executed to complete the operation
   * @throws SSLException              if the {@link SSLEngine} throws a SSLException
   * @throws IOException               if the underlying channel throws an IOException
   */
/**
   * Reads a sequence of bytesProduced from this channel into a subsequence of the
   * given buffers.
   *
   * <p>
   * See {@link ScatteringByteChannel#read(ByteBuffer[], int, int)} for more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different
```

```
than the interface specification,
   * with respect to non-blocking responses, see {@link #read(ByteBuffer)} for
   * more details.
   *
   * @param dsts   The buffers into which bytesProduced are to be transferred
   * @param offset The offset within the buffer array of the first buffer into
   *               which bytesProduced are to be transferred; must be non-negative and no
   *               larger than <tt>dsts.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
   *               non-negative and no larger than <tt>dsts.length</tt>
   *               &amp;nbsp;-&amp;nbsp;<tt>offset</tt>
   * @return The number of bytesProduced read, or <tt>-1</tt> if the channel has
   * reached end-of-stream; contrary to the behavior specified in
   * {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
    *                                  <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
   *                                   cannot be completed immediately
   * @throws NeedsTaskException        if the channel is not configured to run tasks automatically
   *                                   and a task needs to be executed to complete the operation
   * @throws SSLException              if the {@link SSLEngine} throws a SSLException
   * @throws IOException               if the underlying channel throws an IOException
   */
```

Found in path(s):
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
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Found in path(s):
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/ServerVersionHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncClientSessionImpl.java

* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/TransactionOptions.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/lang/Nullable.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/lang/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ReadConcernHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncClientSession.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/lang/NonNull.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/lang/NonNullApi.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/WriteConcernHelper.java
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* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/annotations/NotThreadSafe.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/annotations/Immutable.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/annotations/ThreadSafe.java

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* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/annotations/Beta.java
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* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncMongoClientImpl.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ConcurrentPool.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/DnsSrvRecordInitializer.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/LoggingCommandEventSender.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/CursorHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoWriteException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/WriteProtocol.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/IndexModel.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/CreateCollectionOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/RenameCollectionOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/ConnectionPoolCreatedEvent.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/CursorType.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/ConnectionAddedEvent.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/client/model/geojson/CoordinateReferenceSystemType.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ResponseCallback.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/ClusterListenerAdapter.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/CommandMessage.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/MultiServerCluster.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/ChangeStreamBatchCursorHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/binding/AsyncClusterBinding.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/DBObject.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ByteBufBsonDocument.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/BaseQueryMessage.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/CountOptions.java
*
 /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/codecs/LineStringCodec.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ServerMonitorFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/ConnectionPoolClosedEvent.java

* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/SimpleExpression.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/TagSet.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ServerAddressHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncListDatabasesIterable.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/AbortTransactionOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoSocketReadTimeoutException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/UpdateProtocol.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/SocketStreamFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoSocketReadException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/Block.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/WriteConcern.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/BsonArrayWrapper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoCredential.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/binding/ClusterBinding.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncMapReduceIterableImpl.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/AutoEncryptionSettings.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/DeleteProtocol.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/bulk/UpdateRequest.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncFindIterableImpl.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/ReadConcernLevel.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ZstdCompressor.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/CommandFailedEvent.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/DnsSrvRecordMonitorFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/selector/WritableServerSelector.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/KillCursorsMessage.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/event/ConnectionCheckOutStartedEvent.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoSocketOpenException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/FindAndReplaceOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/ClientEncryptionSettings.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSUploadStreamImpl.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/DistinctOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/ChangeStreamOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/ClusterConnectionMode.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoIncompatibleDriverException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoInterruptedException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/Accumulators.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/ListDatabasesOperation.java
*
 /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/KillCursorProtocol.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/session/ServerSessionPool.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/OperationReadConcernHelper.java

* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/DBRefCodec.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/Connection.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/CommandProtocol.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/DescriptionHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/Point.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/diagnostics/logging/Loggers.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/DBObjectCodecProvider.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/BsonField.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/SocketSettings.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/AsyncBatchCursor.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/WriteError.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/selector/LatencyMinimizingServerSelector.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/RenameCollectionOptions.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/ChangeStreamBatchCursor.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/UpdateOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/FutureAsyncCompletionHandler.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/DefaultDnsSrvRecordMonitor.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/ReadConcern.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactoryFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/capi/MongoCryptHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/CommandResultCodecProvider.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/CreateCollectionOptions.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/ClientSessionBinding.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/AbstractByteBufBsonDocument.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/AsyncMongoClient.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/binding/ReadBinding.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/selector/CompositeServerSelector.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/AsyncOperations.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/Polygon.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/DeleteOperation.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/ClientSessionOptions.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/InternalStreamConnectionFactory.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/ServerType.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/AuthenticationMechanism.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/binding/WriteBinding.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/changestream/package-info.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/event/ServerListenerMulticaster.java
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* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoClientException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/CommandResultBaseCallback.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/geojson/Geometry.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/binding/ConnectionSource.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/ServerId.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/BucketAutoOptions.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/SocketStream.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/netty/NettyStream.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/MongoException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/CommandOperationHelper.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/event/ClusterListenerMulticaster.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/result/InsertManyResult.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/DuplicateKeyException.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/Authenticator.java

* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/operation/MapReduceStatistics.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/netty/package-info.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/client/OperationExecutor.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/async/ErrorHandlingResultCallback.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/ClusterClock.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/Sorts.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/connection/UsageTrackingInternalConnection.java
*
/mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/OpCode.java
* /mongodb-driver-core-4-0-5-sources-
jar/com/mongodb/internal/validator/CollectibleDocumentFieldNameValidator.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/connection/CompressedHeader.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/client/model/changestream/FullDocument.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/internal/dns/DnsResolver.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/connection/ClusterId.java
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/diagnostics/logging/Logger.java
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Found in path(s):
* /mongodb-driver-core-4-0-5-sources-jar/com/mongodb/assertions/Assertions.java

1.49 websocket-client 9.4.18.v20190429

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.51 scala-java8-compat_2.12 0.7.0

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1.52 jetty-server 9.4.18.v20190429

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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*
 /validation-api-1-1-0-final-sources-6-jar/javax/validation/ElementKind.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/executable/ExecutableType.java
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*
/validation-api-1-1-0-final-sources-6-jar/javax/validation/UnexpectedTypeException.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/spi/ValidationProvider.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/ConstraintValidator.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Digits.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/ConstraintDeclarationException.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/GroupDefinitionException.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/AssertFalse.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Pattern.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/TraversableResolver.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Past.java
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/validation-api-1-1-0-final-sources-6-jar/javax/validation/ValidationException.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/AssertTrue.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Max.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/metadata/PropertyDescriptor.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/Validation.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Null.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/Valid.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/groups/Default.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/NotNull.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/metadata/ElementDescriptor.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/spi/BootstrapState.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Min.java
*
/validation-api-1-1-0-final-sources-6-jar/javax/validation/OverridesAttribute.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/metadata/Scope.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/metadata/ConstraintDescriptor.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/Payload.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/ConstraintDefinitionException.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/ValidationProviderResolver.java
* /validation-api-1-1-0-final-sources-6-jar/javax/validation/constraints/Future.java
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1.54 config 1.3.1

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* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/DefaultBaggageRestrictionManager.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/BaggageRestrictionManager.java

* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/exceptions/BaggageRestrictionManagerException.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/RemoteBaggageRestrictionManager.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/BaggageRestrictionManagerProxy.java
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* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/package-info.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/senders/NoopSenderFactory.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/exceptions/TraceIdOutOfBoundException.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/JaegerObjectFactory.java
*
/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/senders/NoopSender.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/SenderFactory.java
* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/PropagationRegistry.java

* /jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/senders/SenderResolver.java

1.56 classgraph 4.8.65

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* /classgraph-4-8-65-sources-jar/META-INF/maven/io.github.classgraph/classgraph/pom.xml
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```
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* This file is part of ClassGraph.
*
* Author: Luke Hutchison (luke.hutch@gmail.com)
*
* Hosted at: https://github.com/classgraph/classgraph
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* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassInfo.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/InfoList.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONSerializer.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxClassLoaderHandler.java

* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/PhysicalZipFile.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONReference.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/FieldTypeInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/JPMSClassLoaderHandler.java
*
 /classgraph-4-8-65-sources-jar/io/github/classgraph/Classfile.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/concurrency/SingletonMap.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/SystemJarFinder.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/scanspec/WhiteBlackList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassInfoList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ModuleRef.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationParameterValue.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/concurrency/WorkQueue.java
* /classgraph-4-8-65-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxContextFinderClassLoaderHandler.java
* /classgraph-4-8-65-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/TomcatWebappClassLoaderBaseHandler.java
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 /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/FastPathResolver.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/PackageInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ClassFieldCache.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ObjectTypedValueWrapper.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/BaseTypeSignature.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/Scanner.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ScanResult.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/FieldInfoList.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/StringUtils.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/TypeResolutions.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassGraphClassLoader.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ArrayClassInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/JarUtils.java
*
 /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/WeblogicClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/PotentiallyUnmodifiableList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationParameterValueList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassGraph.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MappableInfoList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClasspathElementDir.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONDeserializer.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClassLoaderOrder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/CallStackReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/ReflectionUtils.java
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 /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/Id.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ModuleInfoList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/PackageInfoList.java

* /classgraph-4-8-65-sources-jar/io/github/classgraph/TypeArgument.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/FallbackClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONObject.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodInfoList.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/Join.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/types/ParseException.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/FileUtils.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/URLClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassRefOrTypeVariableSignature.java
*
/classgraph-4-8-65-sources-jar/io/github/classgraph/TypeSignature.java
* /classgraph-4-8-65-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/ParentLastDelegationOrderTestClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/TypeVariableSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/LogNode.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ModuleFinder.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/NestedJarHandler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONParser.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClassLoaderFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClasspathElementZip.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/HierarchicalTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ReferenceEqualityKey.java
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/classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/types/TypeUtils.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/types/Parser.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/TypeParameter.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/scanspec/ScanSpec.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandlerRegistry.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ArrayTypeSignature.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/GraphvizDotfileGenerator.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ModulePathInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/VersionFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassGraphException.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationInfoList.java
*
/classgraph-4-8-65-sources-jar/io/github/classgraph/ModuleInfo.java
* /classgraph-4-8-65-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/OSGiDefaultClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationClassRef.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClasspathElementModule.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/FastZipEntry.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/Resource.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClasspathOrder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ScanResultObject.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClasspathElement.java

* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/concurrency/InterruptionChecker.java
*
 /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ClassFields.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/AnnotationEnumValue.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/RecycleOnClose.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassRefTypeSignature.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ReferenceTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ParameterizedTypeImpl.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/HasName.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONArray.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ModuleReaderProxy.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/CollectionUtils.java
* /classgraph-4-8-65-sources-
jar/nonapi/io/github/classgraph/classloaderhandler/PlexusClassWorldsClassRealmClassLoaderHandler.java
*
 /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/URLPathEncoder.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/ZipFileSlice.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/LogicalZipFile.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodParameterInfo.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/Recycler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/Resettable.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessFileReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessArrayReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/Slice.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/SequentialReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessByteBufferReader.java
*
/classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/ClassfileReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessReader.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/concurrency/AutoCloseableExecutorService.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/concurrency/SimpleThreadFactory.java
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/*
* This file is part of ClassGraph.
*
* Author: Michael J. Simons
*
* Hosted at: https://github.com/classgraph/classgraph
*
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/SpringBootRestartClassLoaderHandler.java

1.57 swagger-jaxrs2 2.1.2

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.jaxrs2
Bnd-LastModified: 1585747956629
Build-Jdk: 1.8.0_151
Built-By: frantuma
Bundle-Description: Sonatype helps open source projects to set up Mave
n repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-jaxrs2
Bundle-SymbolicName: io.swagger.core.v3.swagger-jaxrs2
Bundle-Version: 2.1.2
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.v3.jaxrs2;version="2.1.2";uses:="com.faster
xml.jackson.annotation,com.fasterxml.jackson.databind.introspect,io.s
wagger.v3.jaxrs2.ext,io.swagger.v3.oas.annotations,io.swagger.v3.oas.
annotations.parameters,io.swagger.v3.oas.annotations.responses,io.swa
gger.v3.oas.annotations.security,io.swagger.v3.oas.integration.api,io
.swagger.v3.oas.models,io.swagger.v3.oas.models.media,io.swagger.v3.o
as.models.parameters,io.swagger.v3.oas.models.responses,io.swagger.v3
.oas.models.security,io.swagger.v3.oas.models.servers,javax.ws.rs,jav
ax.ws.rs.core,javax.ws.rs.ext",io.swagger.v3.jaxrs2.ext;version="2.1.
2";uses:="com.fasterxml.jackson.annotation,com.fasterxml.jackson.data
bind,io.swagger.v3.jaxrs2,io.swagger.v3.oas.models,javax.ws.rs",io.sw
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pache.commons.lang3.tuple,org.slf4j",io.swagger.v3.jaxrs2.integration
.api;version="2.1.2";uses:="io.swagger.v3.oas.integration.api,javax.s
ervlet,javax.ws.rs.core",io.swagger.v3.jaxrs2.integration.resources;v
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.integration.api,javax.servlet,javax.ws.rs,javax.ws.rs.core",io.swagg
er.v3.jaxrs2.util;version="2.1.2";uses:="com.fasterxml.jackson.annota
tion,io.swagger.v3.jaxrs2.ext,io.swagger.v3.oas.integration.api,io.sw
agger.v3.oas.models,io.swagger.v3.oas.models.parameters,javax.ws.rs"
implementation-version: 2.1.2
Import-Package: javax.ws.rs;version="2.0",javax.ws.rs.core;version="2.
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.oas.annotations.parameters;version="[2.1,3)",io.swagger.v3.oas.annot
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"[2.1,3)",io.swagger.v3.oas.annotations.tags;version="[2.1,3)",io.swa
gger.v3.oas.integration;version="[2.1,3)",io.swagger.v3.oas.integrati
on.api;version="[2.1,3)",io.swagger.v3.oas.models;version="[2.1,3)",i
o.swagger.v3.oas.models.callbacks;version="[2.1,3)",io.swagger.v3.oas
.models.info;version="[2.1,3)",io.swagger.v3.oas.models.media;version
="[2.1,3)",io.swagger.v3.oas.models.parameters;version="[2.1,3)",io.s
wagger.v3.oas.models.responses;version="[2.1,3)",io.swagger.v3.oas.mo
dels.security;version="[2.1,3)",io.swagger.v3.oas.models.servers;vers
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ervlet;version="[4.0,5)",javax.servlet.http;version="[4.0,5)",org.apa
che.commons.lang3;version="[3.7,4)",org.apache.commons.lang3.tuple;ve
rsion="[3.7,4)",org.slf4j;version="[1.7,2)"
mode: development
package: io.swagger
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501
url: https://github.com/swagger-api/swagger-core/modules/swagger-jaxrs
2

Found in path(s):
* /swagger-jaxrs2-2-1-2-jar/META-INF/MANIFEST.MF

1.58 error_prone_annotations 2.7.1

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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/DoNotCall.java
* /error-prone-annotations-2-7-1-sources-1-
jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/CheckReturnValue.java
*
/error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
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Found in path(s):
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/InlineMe.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/InlineMeValidationDisabled.java
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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/CompatibleWith.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/DoNotMock.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/MustBeClosed.java
*
 /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/FormatString.java
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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/Immutable.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/ForOverride.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
*
 /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/Var.java
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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/NoAllocation.java

1.59 golang 1.16.3

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```

```
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#     http://code.google.com/legal/corporate-cla-v1.0.html
#
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#     Individual's name <submission email address> <email2> <emailN>
#
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```

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  * Returns an array containing all of the elements in the specified collection. This method
  * returns the elements in the order they are returned by the collection's iterator. The returned
  * array is "safe" in that no references to it are maintained by the collection. The caller is
  * thus free to modify the returned
 array.
  *
  * <p>This method assumes that the collection size doesn't change while the method is running.
  *
  * <p>TODO(kevinb): support concurrently modified collections?
  *
  * @param c the collection for which to return an array of elements
  */
```

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* /guava-31-0-jre-sources-1-jar/com/google/common/net/InternetDomainName.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/annotations/GwtCompatible.java
* /guava-31-0-jre-sources-1-jar/com/google/common/net/HostSpecifier.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/Splitter.java
* /guava-31-0-jre-sources-1-jar/com/google/common/escape/Escapers.java
* /guava-31-0-jre-sources-1-jar/com/google/common/annotations/GwtIncompatible.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/ReferenceEntry.java
* /guava-31-0-jre-sources-1-jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /guava-31-0-jre-sources-1-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/TypeResolver.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/MapMakerInternalMap.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/cache/LongAdder.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/Striped64.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/Striped64.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/xml/ParametricNullness.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/graph/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/eventbus/ParametricNullness.java

* /guava-31-0-jre-sources-1-jar/com/google/common/math/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/html/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
*
/guava-31-0-jre-sources-1-jar/com/google/common/net/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/ParametricNullness.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/ParametricNullness.java
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  * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
  * java.util.HashMap
 class.
  */

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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableEnumSet.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/ComputationException.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ComparisonChain.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSetMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TableCollectors.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ArrayTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/DiscreteDomain.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableAsList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableTable.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/math/Stats.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractByteHasher.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/Invokable.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableRangeSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableRangeMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/Parameter.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/SipHashFunction.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/TypeCapture.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/Closer.java
* /guava-31-0-jre-sources-1-jar/com/google/common/math/StatsAccumulator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/LongAddables.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/LongAddables.java
* /guava-31-0-jre-sources-1-jar/com/google/common/math/LinearTransformation.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/CharSink.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/CharSource.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/BaseEncoding.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/package-info.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/CartesianList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/math/PairedStats.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/RateLimiter.java
* /guava-31-0-jre-sources-1-jar/com/google/common/xml/package-info.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ServiceManager.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredKeyMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/LongAddable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/escape/package-info.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/reflect/TypeToInstanceMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/html/package-info.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/ChecksumHashFunction.java
* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/ClassPath.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/LongAddable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/ByteSink.java
* /guava-31-0-jre-sources-1-jar/com/google/common/math/PairedStatsAccumulator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/FileWriteMode.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/StandardSystemProperty.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Count.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/GeneralRange.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedIterable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RangeSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedIterables.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMultiset.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
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/**
  * Not supported. You are attempting to create a map that may contain a non-{@code Comparable}
  * key. Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
  * version.
  *
  * @throws UnsupportedOperationException always
  * @deprecated Pass a key of type {@code Comparable}
 to use {@link
  *   ImmutableSortedMap#of(Comparable, Object)}.
  */

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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/NullnessCasts.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/io/MoreFiles.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntry.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactHashSet.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/EvictingQueue.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredEntryMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableAsList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactHashMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredKeyListMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TransformedIterator.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/collect/AllEqualOrdering.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeRangeMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractNavigableMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableEnumMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingNavigableMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeTraverser.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RangeMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredSetMultimap.java
*

/guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TransformedListIterator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingNavigableSet.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /guava-31-0-jre-sources-1-jar/com/google/common/eventbus/Dispatcher.java
*
/guava-31-0-jre-sources-1-jar/com/google/common/base/MoreObjects.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListenerCallQueue.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/math/ToDoubleRounder.java
* /guava-31-0-jre-sources-1-jar/com/google/common/hash/Java8Compatibility.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/math/BigDecimalMath.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/StandardTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeBasedTable.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/collect/HashBasedTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapKeySet.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapValues.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableCollection.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Platform.java
* /guava-31-0-jre-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/StandardRowSortedTable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableBiMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/PeekingIterator.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Range.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableListMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/CollectPreconditions.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableEntry.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Tables.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/net/InetAddresses.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/Booleans.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/Bytes.java
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/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Longs.java
* /guava-31-0-jre-sources-1-jar/com/google/common/escape/Escaper.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/Chars.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/MultiReader.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/internal/Finalizer.java
* /guava-31-0-jre-sources-1-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/CharMatcher.java
* /guava-31-0-jre-sources-1-jar/com/google/common/net/PercentEscaper.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/base/Converter.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/Floats.java
* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/Ints.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/graph/UndirectedGraphConnections.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /guava-31-0-jre-sources-1-jar/com/google/common/graph/MapIteratorCache.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
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jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /guava-31-0-jre-sources-1-jar/com/google/common/graph/EndpointPairIterator.java
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/**
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
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*/

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* /guava-31-0-jre-sources-1-jar/com/google/common/hash/ImmutableSupplier.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingListIterator.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/collect/MapDifference.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Iterators.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ByFunctionOrdering.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/MutableClassToInstanceMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/NullsFirstOrdering.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableList.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ClassToInstanceMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMapEntry.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Synchronized.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/EnumHashBiMap.java

* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Multisets.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingConcurrentMap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/NaturalOrdering.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ListMultimap.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ConcurrentHashMultiset.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSortedSetMultimap.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/HashMultiset.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeMultiset.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ComparatorOrdering.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/Interner.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingQueue.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingIterator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractIterator.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/io/CharStreams.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizablePhantomReference.java
* /guava-31-0-jre-sources-1-jar/com/google/common/base/Defaults.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AsyncCallable.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/ReaderInputStream.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ConsumingQueueIterator.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/CombinedFuture.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/UnsignedLong.java
* /guava-31-0-jre-sources-1-jar/com/google/common/cache/RemovalListeners.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AsyncFunction.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/base/Ticker.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/EmptyContiguousSet.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java
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* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
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* /guava-31-0-jre-sources-1-jar/com/google/common/base/CommonMatcher.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/reflect/TypeToken.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/PatternFilenameFilter.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/CollectionFuture.java
* /guava-31-0-jre-sources-1-jar/com/google/common/io/AppendableWriter.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/FuturesGetChecked.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/primitives/ImmutableLongArray.java
* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingCondition.java
*
 /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingLock.java
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*/
/**
* Holder for web specializations of methods of {@code Floats}. Intended to be empty for regular
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*/

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*/

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* /guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedMapDifference.java
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 /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableCollection.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingSetMultimap.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/MinMaxPriorityQueue.java
* /guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSequentialIterator.java
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* /guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
*
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1.79 caffeine 2.9.3

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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/TimerWheel.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Expiry.java

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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalAsyncCache.java

* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AsyncCache.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AsyncCacheLoader.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/CaffeineSpec.java
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Found in path(s):
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Weigher.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/UnsafeAccess.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/StatsCounter.java
*
 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AsyncLoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/ConcurrentStatsCounter.java

* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LinkedDeque.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Policy.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WriteOrderDeque.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/UnboundedLocalCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/RemovalListener.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/CacheLoader.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Cache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AbstractLinkedDeque.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/CacheStats.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Ticker.java
*
/caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AccessOrderDeque.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/BoundedLocalCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Caffeine.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/DisabledStatsCounter.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/base/UnsafeAccess.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/RemovalCause.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/SingleConsumerQueue.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Scheduler.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/base/package-info.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WriteThroughEntry.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Buffer.java
*
 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalLoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/CacheWriter.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/GuardedStatsCounter.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FrequencySketch.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Node.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/References.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/BoundedBuffer.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/package-info.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalAsyncLoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalManualCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SerializationProxy.java
*
 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/package-info.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDWMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMWA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWR.java
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 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FWMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMS.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSAR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSMWWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMWAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSMSAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILSMWAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLSMSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PSMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWA.java
*
/caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIAW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSS.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMWAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILSMSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WISMWAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSMWAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSMWAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMWAWR.java
*
/caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDAWMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMSAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMSA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMWWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FSAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PSWRMW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILMWAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDWRMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PSAWMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMSAW.java
*
/caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDWRMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WISMWWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILMWWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSMSR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSSMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PWWMS.java

* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLSMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMSW.java
*
 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PSRMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLMSR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSSR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILMSAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMWAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FWARMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PSWMW.java
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 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDRMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMSWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSSW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMSAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSAWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLSAW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSMWW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SILMWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDAWRMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SISA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLSMSAR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PS.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SISMSA.java

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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLMSWR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLSA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PWAWMS.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WISMSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSSMSA.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WISA.java

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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDW.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMSA.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSLMWAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLSWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSMSR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SIMSWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMWAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WI.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMSAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PWAMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLSAR.java

1.80 glibc 2.27-3ubuntu1.6

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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/package-info.java
*
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/AggregateIterable.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/ListDatabasesIterableImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/MongoChangeStreamCursorImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/MongoCollectionImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/OperationExecutor.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/ChangeStreamIterableImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/ListIndexesIterable.java
*
 /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/CollectionInfoRetriever.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/KeyRetriever.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/MongoChangeStreamCursor.java
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 /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/DistinctIterable.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/Crypts.java
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/MappingIterable.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/MongoBatchCursorAdapter.java
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/MongoClientImpl.java
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/CommandMarker.java
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/MongoIterable.java
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* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/internal/DistinctIterableImpl.java
* /mongodb-driver-sync-4-0-5-sources-3-jar/com/mongodb/client/ListDatabasesIterable.java
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*
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1.83 akka-actor 2.5.6

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1.84 jedis 4.4.0-m2

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1.85 jersey-entity-filtering 2.34

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1.88 scala-library 2.11.11

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```
/**
  * Latch used to implement waiting on a DefaultPromise's result.
  *
  * Inspired by: http://gee.cs.oswego.edu/cgi-
bin/viewcvs.cgi/jsr166/src/main/java/util/concurrent/locks/AbstractQueuedSynchronizer.java
  * Written by Doug Lea with assistance from members of JCP JSR-166
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  * http://creativecommons.org/publicdomain/zero/1.0/
  */
```

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* /scala-library-2-11-11-sources-jar/scala/concurrent/impl/Promise.scala
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```
/**
*
* A `ClassTag[T]` stores the erased class of a given type `T`, accessible via the `runtimeClass`
* field. This is particularly useful for instantiating `Array`s whose element types are unknown
* at compile time.
*
* `ClassTag`s are a weaker special case of [[scala.reflect.api.TypeTags#TypeTag]]s, in that they
* wrap only the runtime class of a given type, whereas a `TypeTag` contains all static type
```

```
* information. That is, `ClassTag`s are constructed from knowing only the top-level class of a
* type, without necessarily knowing all of its argument types. This runtime information is enough
* for runtime `Array` creation.
*
* For example:
* {{{
*   scala> def mkArray[T : ClassTag](elems: T*) = Array[T](elems: _*)
*   mkArray: [T](elems: T*)(implicit evidence$1: scala.reflect.ClassTag[T])Array[T]
*
*   scala> mkArray(42, 13)
*   res0: Array[Int] = Array(42, 13)
*
*   scala> mkArray("Japan","Brazil","Germany")
 *   res1: Array[String] = Array(Japan, Brazil, Germany)
* }}}
*
* See [[scala.reflect.api.TypeTags]] for more examples, or the
* [[http://docs.scala-lang.org/overviews/reflection/typetags-manifests.html Reflection Guide: TypeTags]]
* for more details.
*
*/
```

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* /scala-library-2-11-11-sources-jar/scala/reflect/ClassTag.scala

1.89 jakarta-annotation-api 2.1.1

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xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
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  <groupId>org.json</groupId>
  <artifactId>json</artifactId>
  <version>20230227</version>
  <packaging>bundle</packaging>

  <name>JSON in Java</name>
  <description>
    JSON is a light-weight, language independent, data interchange format.
    See http://www.JSON.org/

    The files in this package implement JSON encoders/decoders in Java.
    It also includes the capability to convert between JSON and XML, HTTP
    headers, Cookies, and CDL.

    This is a reference implementation. There is a large number of JSON packages
    in Java. Perhaps someday the Java community will standardize on one. Until
    then, choose carefully.

</description>
<url>https://github.com/douglascrockford/JSON-java</url>

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  <developerConnection>scm:git:git@github.com:douglascrockford/JSON-java.git</developerConnection>
</scm>

<licenses>
  <license>
    <name>Public Domain</name>
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    <distribution>repo</distribution>
  </license>
</licenses>

<developers>
  <developer>
    <name>Douglas Crockford</name>
    <email>douglas@crockford.com</email>
  </developer>
</developers>

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        <configuration>
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              <goal>jar-no-fork</goal>
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    <artifactId>maven-javadoc-plugin</artifactId>
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    <extensions>true</extensions>
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    </configuration>
  </plugin>
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    <artifactId>maven-jar-plugin</artifactId>
    <version>3.2.0</version>
     <configuration>
      <archive>
        <manifestEntries>
```

```
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                  </manifestEntries>
                </archive>
              </configuration>
            </plugin>
          </plugins>
        </build>
      </project>
```

Found in path(s):
* /json-20230227-jar/META-INF/maven/org.json/json/pom.xml
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```
Manifest-Version: 1.0
Automatic-Module-Name: org.json
Bnd-LastModified: 1677505062321
Build-Jdk: 1.8.0_271
Built-By: stlea
Bundle-Description: JSON is a light-weight, language independent, data i
nterchange format.  See http://www.JSON.org/  The files in
this package implement JSON encoders/decoders in Java.  It also i
ncludes the capability to convert between JSON and XML, HTTP  hea
ders, Cookies, and CDL.  This is a reference implementation. Ther
e is a large number of JSON packages  in Java. Perhaps someday th
e Java community will standardize on one. Until  then, choose car
efully.
Bundle-License: https://github.com/stleary/JSON-java/blob/master/LICENSE
Bundle-ManifestVersion: 2
Bundle-Name: JSON in Java
Bundle-SymbolicName: json
Bundle-Version: 20230227.0.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.json;version="20230227.0.0"
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-3.0.0.201509101326
```

Found in path(s):
* /json-20230227-jar/META-INF/MANIFEST.MF

1.96 bson 4.0.5

1.96.1 Available under license :

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

```
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*/

Found in path(s):
* /bson-4-0-5-sources-2-jar/org/bson/json/StrictCharacterStreamJsonWriterSettings.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/TypeWithTypeParameters.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/CreatorExecutable.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/configuration/CodecRegistry.java
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 /bson-4-0-5-sources-2-jar/org/bson/internal/CodecRegistryHelper.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonInt32Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/types/BSONTimestamp.java
* /bson-4-0-5-sources-2-jar/org/bson/types/Code.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/configuration/MapOfCodecsProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/ShortCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonBuffer.java
* /bson-4-0-5-sources-2-jar/org/bson/ByteBufNIO.java
* /bson-4-0-5-sources-2-jar/org/bson/NoOpFieldNameValidator.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/ObjectIdGenerator.java
* /bson-4-0-5-sources-2-jar/org/bson/json/DateTimeFormatter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/UuidCodecHelper.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/MinKeyCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/configuration/package-info.java
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 /bson-4-0-5-sources-2-jar/org/bson/json/ShellDecimal128Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/ObjectIdCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/StrictJsonWriter.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonBoolean.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonDocumentWrapper.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonMinKeyCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonRegularExpressionCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/annotations/BsonCreator.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/ChildCodecRegistry.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/MapCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/AbstractBsonReader.java

* /bson-4-0-5-sources-2-jar/org/bson/diagnostics/NoOpLogger.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonDocumentWrapperCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonBinaryWriter.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/Optional.java
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 /bson-4-0-5-sources-2-jar/org/bson/Document.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/CollectibleCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/AbstractBsonWriter.java
* /bson-4-0-5-sources-2-jar/org/bson/io/BsonOutput.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellDateTimeConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonNullCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/types/Binary.java
* /bson-4-0-5-sources-2-jar/org/bson/BSONCallbackAdapter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/AtomicIntegerCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/IterableCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellMinKeyConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/FieldNameValidator.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/PatternCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/CodecCache.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/UuidCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonInt32Codec.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/ProvidersCodecRegistry.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/StringCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonObjectIdConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonInt64Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java
* /bson-4-0-5-sources-2-jar/org/bson/json/RelaxedExtendedJsonDateTimeConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonDouble.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyModelSerializationImpl.java
* /bson-4-0-5-sources-2-jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonDoubleConverter.java
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* /bson-4-0-5-sources-2-jar/org/bson/internal/CycleDetectingCodecRegistry.java
* /bson-4-0-5-sources-2-jar/org/bson/LazyBSONList.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BigDecimalCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/io/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonMinKeyConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/CodeCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/NumberCodecHelper.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertySerialization.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonRegularExpressionConverter.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonElement.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/LongCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonSerializationException.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonDbPointer.java
* /bson-4-0-5-sources-2-jar/org/bson/BasicBSONDecoder.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/JsonToken.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonMaximumSizeExceededException.java
* /bson-4-0-5-sources-2-jar/org/bson/ByteBuf.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonNullConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/types/BasicBSONList.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/LazyBSONDecoder.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/RelaxedExtendedJsonInt64Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonSymbol.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/annotations/BsonId.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonMinKey.java
* /bson-4-0-5-sources-2-jar/org/bson/io/BsonInputMark.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonTimestampConverter.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/JsonStringBuffer.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonDocumentWriter.java
* /bson-4-0-5-sources-2-jar/org/bson/json/StrictCharacterStreamJsonWriter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/Encoder.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/LazyPojoCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/TypeParameterMap.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/ShellBinaryConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/Decoder.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/AtomicBooleanCodec.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/Decimal128Codec.java
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* /bson-4-0-5-sources-2-jar/org/bson/types/CodeWScope.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/OverridableUuidRepresentationCodec.java
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* /bson-4-0-5-sources-2-jar/org/bson/BSONEncoder.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/DoubleCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/configuration/CodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
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* /bson-4-0-5-sources-2-jar/org/bson/json/LegacyExtendedJsonBinaryConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PojoBuilderHelper.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/UuidHelper.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/DiscriminatorLookup.java
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 /bson-4-0-5-sources-2-jar/org/bson/codecs/DecoderContext.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PojoCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonJavaScriptWithScopeCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/AtomicLongCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonTokenType.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonObjectId.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonString.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonDocumentReader.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonMode.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/ConventionUseGettersAsSettersImpl.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyMetadata.java
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* /bson-4-0-5-sources-2-jar/org/bson/EmptyBSONCallback.java
* /bson-4-0-5-sources-2-jar/org/bson/BasicBSONEncoder.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonDecimal128Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/types/MaxKey.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonDoubleCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/internal/OverridableUuidRepresentationCodecRegistry.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonValue.java

* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonValueCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/IterableCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonDoubleConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyAccessorImpl.java
* /bson-4-0-5-sources-2-jar/org/bson/json/Converter.java
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 /bson-4-0-5-sources-2-jar/org/bson/StringUtils.java
* /bson-4-0-5-sources-2-jar/org/bson/diagnostics/SLF4JLogger.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonJavaScriptWithScope.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonInt64Codec.java
* /bson-4-0-5-sources-2-jar/org/bson/types/Symbol.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonNull.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/CodeWithScopeCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/jsr310/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/RawBsonArray.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonTypeCodecMap.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonMaxKey.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/annotations/BsonDiscriminator.java
* /bson-4-0-5-sources-2-jar/org/bson/diagnostics/Logger.java
* /bson-4-0-5-sources-2-jar/org/bson/RawBsonValueHelper.java
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* /bson-4-0-5-sources-2-jar/org/bson/BSONDecoder.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonReader.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/TypeData.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonParseException.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellRegularExpressionConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/IntegerCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonNumber.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonBinarySubType.java
* /bson-4-0-5-sources-2-jar/org/bson/BSONException.java
* /bson-4-0-5-sources-2-jar/org/bson/Bits.java
* /bson-4-0-5-sources-2-jar/org/bson/json/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/types/CodeWithScope.java
*
 /bson-4-0-5-sources-2-jar/org/bson/codecs/DateCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PojoCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/util/Function.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/ClassModel.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/ClassModelBuilder.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonDBPointerCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonInvalidOperationException.java

* /bson-4-0-5-sources-2-jar/org/bson/diagnostics/Loggers.java
* /bson-4-0-5-sources-2-jar/org/bson/io/BsonInput.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellInt64Converter.java
* /bson-4-0-5-sources-2-jar/org/bson/util/package-info.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/annotations/BsonIgnore.java
* /bson-4-0-5-sources-2-jar/org/bson/BasicBSONObject.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyAccessor.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ExtendedJsonInt32Converter.java
*
 /bson-4-0-5-sources-2-jar/org/bson/BSONObject.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellTimestampConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonBinaryCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonDecimal128Codec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/PropertyModelBuilder.java
* /bson-4-0-5-sources-2-jar/org/bson/json/ShellObjectIdConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/types/ObjectId.java
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* /bson-4-0-5-sources-2-jar/org/bson/BSONCallback.java
* /bson-4-0-5-sources-2-jar/org/bson/json/JsonStreamBuffer.java
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 /bson-4-0-5-sources-2-jar/org/bson/codecs/BooleanCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonUndefinedCodec.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/ValueCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonTypeClassMap.java
* /bson-4-0-5-sources-2-jar/org/bson/types/Decimal128.java
* /bson-4-0-5-sources-2-jar/org/bson/BsonBinaryWriterSettings.java
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* /bson-4-0-5-sources-2-jar/org/bson/BsonReaderMark.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/UuidCodec.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/IdGenerators.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/BsonCodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/pojo/IdGenerator.java
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* /bson-4-0-5-sources-2-jar/org/bson/codecs/jsr310/Jsr310CodecProvider.java
* /bson-4-0-5-sources-2-jar/org/bson/codecs/jsr310/InstantCodec.java
*
 /bson-4-0-5-sources-2-jar/org/bson/codecs/jsr310/LocalTimeCodec.java

1.97 libcap 2.44

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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/resolver/Resolver.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/TagToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
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/snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/nodes/NodeId.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/KeyToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/parser/ParserImpl.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/scanner/Scanner.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/nodes/MappingNode.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/introspector/Property.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/serializer/SerializerException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/reader/StreamReader.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/representer/Represent.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/util/ArrayStack.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/util/ArrayUtils.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/internal/Logger.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/reader/ReaderException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/parser/Production.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
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 /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/emitter/Emitable.java
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* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
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 /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/parser/ParserException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/emitter/Emitter.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/emitter/EmitterException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/Token.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/CommentEvent.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java
*
 /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/constructor/Constructor.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/StreamStartEvent.java

* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/events/ScalarEvent.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/LoaderOptions.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerException.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/tokens/AliasToken.java
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/Yaml.java
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* /snakeyaml-2-2-sources-2-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
* /snakeyaml-2-2-sources-2-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
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/**
* A Base64 encoder/decoder.

*
* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: www.
* source-code.biz/base64coder/java
* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland
* Multi-licensed: EPL / LGPL / GPL / AL / BSD.
*/

Found in path(s):
* /snakeyaml-2-2-sources-2-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

1.100 metrics-core 4.1.0

1.100.1 Available under license :

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1.101 xerces-j 2.12.2

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1.116 pflag 1.0.5

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1.118 jackson-annotations 2.15.4

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1.119 toml 0.3.1

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1.127 appdirs 1.4.4

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1.129 javax-annotation-api 1.3.2

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1.130 spew 1.1.1

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1.133 servlet-api 3.1.0

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1.135 jackson-dataformat-yaml 2.15.4

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 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotationAnnotationValue.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotationValue.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/asm/IModelFilter.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/IVerificationRequired.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/ClassPreProcessorAgentAdapter.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Traceable.java

* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Jdk14Trace.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Jdk14TraceFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/CommonsTrace.java
*
/aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/TraceFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/ISupportsMessageContext.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/IMessageContext.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/AbstractTrace.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/CommonsTraceFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/Constants.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/DefaultTraceFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/DefaultTrace.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypePattern.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NoTypePattern.java
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*    Alex Vasseur    wired up for @AJ proceeding
*    Andy Clement 23-06-06 added extras for @AJ
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeParamAnnos.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/AnnotationElementValue.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/EnumElementValue.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/ClassElementValue.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisAnnos.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionWorld.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ArgNameFinder.java
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*   Adrian Colyer - overhaul
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelShadow.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelAdvice.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/AsynchronousFileCacheBacking.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/ZippedFileCacheBacking.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheKeyResolver.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheStatistics.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/DefaultCacheKeyResolver.java

* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/DefaultCacheFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheFactory.java
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*   Lyor Goldstein (vmware) add support for weaved class being re-defined
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/WeavingClassLoader.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeTypeAnnos.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisTypeAnnos.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisTypeAnnos.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/asm/internal/NameConvertor.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/asm/internal/HandleProviderDelimiter.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/asm/internal/CharOperation.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/model/AsmRelationshipUtils.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/asm/internal/JDTLikeHandleProvider.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/ElementValue.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/LockSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/UnlockSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/LockSignatureImpl.java

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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/Java14GenericSignatureInformationProvider.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/AdviceImpl.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareErrorOrWarning.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/StandardShadowMatchImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypeVariablePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/context/ContextFormatter.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutImpl.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/PointcutDesignatorHandler.java

* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareWarning.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AjType.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/MatchingContext.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/UnsupportedPointcutPrimitiveException.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/JoinPointSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ShadowMatchImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/TypePatternBasedPerClause.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/AjTypeImpl.java
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 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeFieldDeclarationImpl.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PerClauseImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclarePrecedence.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/JoinPointMatch.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/TypePatternBasedPerClauseImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/InterTypeDeclaration.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/NoSuchPointcutException.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareAnnotation.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclarePrecedence.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PointcutBasedPerClause.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/JoinPointSignatureIterator.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/TypePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/MatchingContextBasedTest.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareSoft.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/SignaturePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AbstractPatternNodeVisitor.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutBasedPerClauseImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/TypePatternImpl.java
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 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareError.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelGenericSignatureToTypeXConverter.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeMethodDeclarationImpl.java
* /aspectjweaver-1-9-9-1-sources-
jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegateFactory.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/StandardShadow.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/GenericSignatureInformationProvider.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ScopeWithTypeVariables.java
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 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/ContextBasedMatcher.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/MissingResolvedTypeWithKnownSignature.java

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/aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/EnclosingMethod.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantLong.java
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* Abraham Nevado   new factory methods for collapsed SJPs
*   Andy Clement   new factory methods that rely on LDC <class>
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AbstractSignaturePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NotSignaturePattern.java
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*   Andy Clement   fleshed out to match SuppressWarnings
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*   Heavily based on LocalVariableTable
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*   John Kew (vmware)   initial implementation
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/DefaultFileCacheBacking.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CachedClassReference.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/WeavedClassCache.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheBacking.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/GeneratedCachedClassHandler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/AbstractIndexedFileCacheBacking.java
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* generic signature update Adrian Colyer
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Call.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/OrTypePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ModifiersPattern.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypePatternList.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/NewMethodTypeMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/Bindings.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/KindedPointcut.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/SignaturePattern.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NotPointcut.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/NameMangler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/SimpleScope.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelMethod.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ArgsPointcut.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/IntMap.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerFromSuper.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/CrosscuttingMembers.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ITokenSource.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ShadowMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ReferencePointcut.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ExactTypePattern.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/NewConstructorTypeMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Not.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/MemberKind.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AndTypePattern.java

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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ConcreteTypeMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/NewParentTypeMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/PrivilegedAccessMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Expr.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/Range.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/Declare.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/HandlerPointcut.java
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/aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerObject.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/ShadowRange.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/LazyMethodGen.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/BCException.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/FieldGetCall.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerSingleton.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/ASTNode.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/BasicTokenSource.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypePatternQuestions.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/model/AsmRelationshipProvider.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ResolvedPointcutDefinition.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerClause.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelCflowStackFieldAdder.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelVar.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Or.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/DeclarePrecedence.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ISourceContext.java

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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/MemberImpl.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ConstantPoolReader.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/ConstantPoolWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/CompressingDataOutputStream.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelConstantPoolWriter.java
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*   Alexandre Vasseur   perClause support for @AJ aspects
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* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ModuleVisitor.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/FieldWriter.java
*
/aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Edge.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ModuleWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Handler.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/TypeReference.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassReader.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ByteVector.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassTooLargeException.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Constants.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Attribute.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/RecordComponentVisitor.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Symbol.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/MethodTooLargeException.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/signature/SignatureReader.java
*
/aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ConstantDynamic.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/RecordComponentWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/SymbolTable.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Handle.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassVisitor.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Type.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/FieldVisitor.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/CurrentFrame.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/Opcodes.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/AnnotationWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/aj/org/objectweb/asm/signature/SignatureVisitor.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/Signature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CatchClauseSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/MethodSignatureImpl.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/FieldSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/SignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/MessageHandler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/CatchClauseSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/StringMaker.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/ReflectionFactory.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/util/FileUtil.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/CFlow.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/SourceLocation.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/util/PartialOrder.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/AdviceSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/util/FuzzyBoolean.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/internal/Conversions.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/JoinPoint.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/FieldSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/MemberSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/MessageWriter.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowPlusState.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/AbortException.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/ISourceLocation.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/CountingMessageHandler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/CodeSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/IMessageHolder.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/IMessage.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowStack.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/Message.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/NoAspectBoundException.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/ConstructorSignature.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/ConstructorSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/JoinPointImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/SourceLocationImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/MessageUtil.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/internal/PerObjectMap.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/SourceLocation.java

* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/bridge/IMessageHandler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AdviceSignature.java
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 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CodeSignatureImpl.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareAnnotation.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelAccessForInlineMunger.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/Aj.java
*
 /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/DefaultMessageHandler.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/Options.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerThisOrTargetPointcutVisitor.java
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* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/AbstractAnnotationAJ.java
* /aspectjweaver-1-9-9-1-sources-jar/org/aspectj/weaver/IUnwovenClassFile.java
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1.138 byte-buddy 1.14.8

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1.139 aspectjrt 1.9.9.1

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*   Andy Clement 23-06-06 added extras for @AJ
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*    Alex Vasseur    new factory methods for variants of JP
*  Abraham Nevado    new factory methods for collapsed SJPs
*    Andy Clement    new factory methods that rely on LDC <class>
* ********************************************************************/
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclarePrecedence.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/annotation/AfterThrowing.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Before.java
*
/aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/annotation/AfterReturning.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/ProceedingJoinPoint.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Pointcut.java
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowCounter.java

* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStack.java
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PerClause.java
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutBasedPerClauseImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/Pointcut.java

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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/internal/PerObjectMap.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/NoAspectBoundException.java

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/aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/StringMaker.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/JoinPoint.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/CFlow.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/MemberSignatureImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AdviceSignature.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CodeSignatureImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/ConstructorSignature.java
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/SourceLocation.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/CatchClauseSignature.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/lang/reflect/FieldSignature.java
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* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/AdviceSignatureImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowStack.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/SignatureImpl.java
* /aspectjrt-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CatchClauseSignatureImpl.java
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1.141 aspectj-tools 1.9.9.1

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ant/taskdefs/Ajc2.java
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*   Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
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*     Patrick Wienands <pwienands@abit.de> - Contribution for bug 393749
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*         bug 331649 - [compiler][null] consider null annotations for fields
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/AbstractLineTracker.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/DefaultElementComparator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/link/LinkedModeModel.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TextEditProcessor.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/PathVariableChangeEvent.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/ResourceProxy.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/Preferences.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/MoveSourceEdit.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MemberDeclarationVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/SequentialRewriteTextStore.java
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https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Avoid optional library classpath entries validation -
https://bugs.eclipse.org/bugs/show_bug.cgi?id=412882
*   Stephan Herrmann - Contribution for
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
 *   Bug 462768 - [null] NPE when using linked folder for external annotations
*   Bug 465296 - precedence of extra attributes on a classpath container
*   Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/ElementValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisParamAnnos.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisAnnos.java
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*            Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithTypeAnnotations.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ElementsImpl.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TagElement.java
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*     Till Brychcy - Contributions for
*                         Bug 467482 - TYPE_USE null annotations: Incorrect "Redundant null check"-warning
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NullAnnotationMatching.java
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
```

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* Extended by Adrian Colyer, June 2005 to support unpacking of Signature
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*   Bug 320841 - TypeConverters don't set enclosingType
*   Bug 353474 - type converters should include more annotations
***/

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*   Jesper S Moller - Contributions for
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*   Bug 439889 - [1.8][compiler] [lambda] Deserializing lambda fails with IllegalArgumentException:
"Invalid lambda deserialization"
**/

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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject
 into account
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*   Jesper S Moller <jesper@selskabet.org> - Contributions for
*   Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   Ulrich Grave <ulrich.grave@gmx.de> - Contributions for

```
*                       bug 386692 - Missing "unused" warning on "autowired" fields
*     Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*                       bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
*******************************************************************************/
```

Found in path(s):
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*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 367203 - [compiler][null] detect assigning null to nonnull argument
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally
 encoding nullness defaults
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*       Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 443347 - [1.8][null]
 @NonNullByDefault should not affect constructor arguments of an anonymous instantiation
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Bug 456584 - [1.8][null] Bogus warning for return type variable's @NonNull annotation being 'redundant'
*       Bug 471611 - Error on hover on call to generic method with null annotation
*     Jesper Steen Moller - Contributions for
*       Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*        bug 331649 - [compiler][null] consider null annotations for fields
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 415043 - [1.8][null] Follow-up re null type annotations
 after bug 392099
*        Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*        Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
*        Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*        Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*        Bug 469584 - ClassCastException in Annotation.detectStandardAnnotation (320)
*        Andy Clement (GoPivotal,
 Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*                       Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*                       Bug 414384 - [1.8] type annotation on abbreviated inner class is not marked as inner type
*      Jesper S Moller <jesper@selskabet.org> -  Contributions for
*                       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*                       Bug 412151 - [1.8][compiler] Check repeating annotation's collection type
*                       Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*                       Bug 419209 - [1.8] Repeating container annotations
 should be rejected in the presence of annotation it contains
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/log/LogReaderService.java
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*   Bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it
 extends the outer class
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ReferenceType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ReferenceTypeDelegate.java
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*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
**/

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*   bug 331649 - [compiler][null] consider null annotations for fields
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*   Jesper S Moller - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SplitPackageBinding.java
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*
* Contributors:
*   wharley@bea.com - derived base class from BatchMessagerImpl
*
**********/

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*   Helen Hawkins converted to new interface (pr148190)
* **********/

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*     Christoph Läubrich - Bug 577645 - [Adapters] provide a method that returns an Optional for an adapted type
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*     IBM Corporation - initial API and implementation
*     Lars.Vogel <Lars.Vogel@vogella.com> - Bug 479914
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ResolvedTypeMunger.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ResolvedType.java
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*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
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*   PARC   initial implementation
*   Adrian Colyer added constructor to populate javaOptions with
*   default settings - 01.20.2003

* Bugzilla #29768, 29769
* Andy Clement
* **/

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* Stephan Herrmann - Contributions for
* bug 332637 - Dead Code detection removing code that isn't dead
* bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
* bug 358903 - Filter practically unimportant resource
 leak warnings
* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
* bug 401088 - [compiler][null] Wrong warning "Redundant null check" inside nested try statement
* bug 401092 - [compiler][null] Wrong warning "Redundant null check" in outer catch of nested try
* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
* bug 384380 - False positive on a ?? Potential null pointer access ?? after a continue
* Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
* Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)
* Jesper Steen Moller -
 Contributions for
* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*
**/

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*        Bug 186342 - [compiler][null] Using annotations for null checking
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*******************************************************************************/
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*   Helen Hawkins   - iniital version
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclarePrecedenceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareErrorDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtMethodDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareWarningDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SignaturePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/core/dom/AjASTFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AjAST.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareSoftDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareParentsDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAnnotationDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultTypePattern.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/ISchedulingRule.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/jobs/JobQueue.java
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*   Andy Clement       fleshed out to match SuppressWarnings
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```
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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*           bug 336428 - [compiler][null] bogus warning "redundant null check" in condition of do {} while() loop
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 365859 - [compiler][null]
 distinguish warnings based on flow analysis vs. null annotations
*       bug 385626 - @NonNull fails across loop boundaries
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 376263 - Bogus "Potential null pointer access" warning
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       bug 406384 - Internal error with I20130413
*       Bug 415413 - [compiler][null] NullpointerException in Null Analysis caused by interaction of
LoopingFlowContext and FinallyFlowContext
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455557 - [jdt] NPE LoopingFlowContext.recordNullReference
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*       Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
*     Jesper S Moller - contributions for
*       bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
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*     Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
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*   Adrian Colyer - overhaul
* **/

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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*   Jesper Steen Moeller - Contribution for

```
*                    Bug 406973 - [compiler] Parse MethodParameters attribute
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/Messages.java
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*     Stephan Herrmann - Contributions for
*         bug 342671 - ClassCastException: org.aspectj.org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot
be cast to org.aspectj.org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*         Bug 420894 - ClassCastException in DefaultBindingResolver.resolveType(Type)
*         bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null]
 Follow-up re null type annotations after bug 392099
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 434600 - Incorrect null analysis error reporting on type parameters
*         Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*         Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*         Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*         Andy Clement - Contributions for
*                    Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ParameterizedSingleTypeReference.java
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* Contributors:
*   Matthew Webster, Adrian Colyer,
*   Martin Lippert   initial implementation
*   Andy Clement
*   Abraham Nevado
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/util/tracker/AbstractTracked.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ImplicitNullAnnotationVerifier.java
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*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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*           bug 349326 - [1.7] new warning for missing try-with-resources
*           bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure
 should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*       Bug 427411 - [1.8][generics] JDT reports type mismatch when using method that returns generic type
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 435962 - [RC2] StackOverFlowError when building
```

```
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/WildcardBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NoTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/EllipsisTypePattern.java
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*     Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug
 383368 - [compiler][null] syntactic null analysis for field references
*       bug 401017 - [compiler][null] casted reference to @Nullable field lacks a warning
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
```

```
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration
 style null annotations
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
**********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/ILock.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/MultiRule.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/JobChangeAdapter.java
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
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*   Stephan Herrmann - Contribution for
*   Bug 365992 - [builder] [null] Change of nullness for a parameter doesn't trigger a build for the files that call the method
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*

bug 407191 - [1.8] Binary access support for type annotations
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*   Markus Schorn (Wind River) - [108066] Project prefs marked dirty on read
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427, 483529
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*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*******************************************************************************/
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*   Lyor Goldstein (vmware) add support for weaved class being re-defined
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*   Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ComponentInfo.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CompactConstructorDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RecordAttribute.java
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*   Christoph Laeubrich - join with IProgressMonitorWithBlocking
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/BundleContextImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/sources/NullPackageSource.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/util/SecureAction.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/eventmgr/EventManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/legacy/PackageAdminImpl.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/InvalidInputException.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibraryClasspathContainerInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/team/IResourceTree.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMImport.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ImageBuilderInternalException.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IParent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/link/LinkedModeManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateInitializerOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/AbstractSearchScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/VerificationTypeInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IImportContainer.java
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 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TemplateBuffer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/Position.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateTypeOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/ProjectionDocumentEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TextEditGroup.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/GapTextStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DefaultLineTracker.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/ChildDocumentManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMPackage.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMField.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/link/InclusivePositionUpdater.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/UndoCollector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceRefElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PossibleMatchSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashSetOfInt.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DocumentEvent.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnQualifiedNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/AbstractJavaSearchScope.java

* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/Template.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/Segment.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentExtension4.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IRegion.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/DeclarationOfReferencedMethodsPattern.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MultiTypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexRequest.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMMember.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/PackageReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/MovePackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/AndPattern.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TextTemplateMessages.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/BranchLabel.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DocumentRewriteSessionType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/ObjectVector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelStatus.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/CharArrayCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/FieldReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ElementChangedEvent.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/SubTypeSearchJob.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/VariablePattern.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/ResourceChangeListenerList.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/VariableLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TextEditMessages.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/TypedPosition.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/EditDocument.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMemberAccess.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IRepairableDocument.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/DOMFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/BuildNotifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMType.java
* /aspectjtools-1-9-9-1-sources-

jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/DeclarationOfAccessedFieldsPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/Region.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ReferenceInfoAdapter.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedAllocationExpression.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Initializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/Fragment.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/processing/IJob.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DeleteResourceElementsOperation.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/CopyPackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibraryClasspathContainer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/eval/IGlobalVariable.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/TypedRegion.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/adapter/AdapterManagerListener.java
*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeReferencePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreatePackageDeclarationOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/NonJavaResource.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/UndoEdit.java
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*   Pascal Rapicault, IBM - Pascal remove the entrySet() implementation because it relied on another class.
*   IBM - change to int keys, remove support for weak
 references, and remove unused methods
*   Rafik Jaouani - fix for the timing problem in case an item with the same key is added (bug 205117)
*/

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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   bug 403086 - [compiler][null] include the effect of 'assert'
 in syntactic null analysis for fields
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ModulePathContainer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/BasicModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ModuleReferenceImpl.java
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*     Stephan Herrmann - Contribution for
*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*         Bug 440687 - [compiler][batch][null] improve command line option for external annotations
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJar.java
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* Contributors:
*    wharley@bea.com - initial API and implementation
*    IBM Corporation - fix for 342598
*    IBM Corporation - Java 8 support
*    het@google.com - Bug 427943 - The method
org.aspectj.org.eclipse.jdt.internal.compiler.apt.model.Factory.getPrimitiveType does not throw
IllegalArgumentException
**********************************************************************************/
```

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*   Alexandre Vasseur   perClause support for @AJ aspects
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*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*   Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 407191 - [1.8] Binary access support for type annotations
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
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*   Ray V. (voidstar@gmail.com) - Contribution for bug 282988
*   Jesper S Moller - Contribution for bug 402173
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
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*   bug 328281 - visibility leaks not detected when analyzing unused field in private class
*   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
 checking
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AssertStatement.java
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* Contributors:
*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
*     Till Brychcy - Java Code Formatter breaks code if single line comments contain unicode escape -
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/projectvariables/WorkspaceParentLocationVariableResolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/projectvariables/ProjectLocationVariableResolver.java
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/aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/projectvariables/EclipseHomeProjectVariable.java
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*        Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
*        Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ClassAnnotationValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/IVerificationRequired.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotationNameValuePair.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/IModelFilter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotationAnnotationValue.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotationValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/SimpleAnnotationValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ArrayAnnotationValue.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/HistoryStore2.java
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*   Karsten Thoms - Bug 532505
*   Sebastian Zarnekow - Contribution for
*   Bug 545491 - Poor performance of ReferenceCollection with many source files
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*        bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*        bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*        bug 404728 - [1.8]NPE on QualifiedSuperReference error
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/HasMemberTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractBooleanTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ExactTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IdentifierTypePattern.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NoTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BindingTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NotTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/FormalBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AnyTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/OrTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/WildTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AnyWithAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AndTypePattern.java
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*   Jesper S Moller - Contributions for
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Bug 406973 - [compiler] Parse MethodParameters attribute
*   Andy Clement - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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*   Anton Leherbauer <anton.leherbauer@windriver.com> - [projection] "Backspace" key deleting something else - http://bugs.eclipse.org/301023
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/ProjectionDocument.java
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*   Chris McGee (IBM) - Bug 380325 - Release filesystem fragment providing Java 7 NIO2 support
*   Sergey Prigogin (Google) - ongoing development

***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/local/nio/DosHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/local/nio/PosixHandler.java
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*   Stephan Herrmann - Contribution for
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathLocation.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contributions for
*   bug 342671 - ClassCastException: org.aspectj.org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to org.aspectj.org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 416181 - [1.8][compiler][null]
 Invalid assignment is not rejected by the compiler
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 434600 - Incorrect null analysis error reporting on type parameters

* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Andy Clement - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ParameterizedQualifiedTypeReference.java
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* Stephan Herrmann - Contribution for
* bug 384380 - False positive on a "Potential null pointer access" after a continue
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InvocationSite.java
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* Contributors:
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* Stephan Herrmann - Contribution for
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

```
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *       Bug 429403 - [1.8][null] null mismatch from type arguments is not reported at field initializer
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 458396 - NPE in CodeStream.invoke()
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FieldDeclaration.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 483464
*     Hannes Wellmann - Bug 577574 - Speed-up and simplify getBundleFile() and add getBundleFileLocation
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/FileLocator.java
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/CommentWrapExecutor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/Aligner.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Alex Blewitt - alex_blewitt@yahoo.com https://bugs.eclipse.org/bugs/show_bug.cgi?id=171066
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/CompilationUnitSorter.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   IBM Corporation - added getOption(String, boolean), getOptions(boolean) and setOptions(Map)
*   IBM Corporation - deprecated getPackageFragmentRoots(IClasspathEntry) and
*   added findPackageFragmentRoots(IClasspathEntry)
*   IBM Corporation - added isOnClasspath(IResource)
*   IBM Corporation - added setOption(String, String)

```
*     IBM Corporation - added forceClasspathReload(IProgressMonitor)
*******************************************************************************/
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*     Sergey Stupin - contributions for adding annotation processing support to ajc
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/AjBatchFilerImpl.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
* Markus Schorn (Wind River) - [306575] Save snapshot location with project
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/IModelObjectConstants.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/UnlikelyArgumentCheck.java
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*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365835 - [compiler][null] inconsistent error reporting.
 *   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*   bug 401030 - [1.8][null] Null analysis support for lambda
 methods.
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

```
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*       Bug 417758 - [1.8][null] Null safety compromise during array creation.
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*     Jesper S Moller
 - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Pattern.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/GuardedPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NullPattern.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/log/ExtendedLogReaderServiceFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/log/ExtendedLogServiceFactory.java
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*     Red Hat Incorporated - loadProjectDescription(InputStream)
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*     Broadcom Corporation - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*******************************************************************************/
/**
* The workspace
 class is the monolithic nerve center of the resources plugin.
* All interesting functionality stems from this class.
* <p>
* The lifecycle of the resources plugin is encapsulated by the {@link #open(IProgressMonitor)}
* and {@link #close(IProgressMonitor)} methods.  A closed workspace is completely
* unusable - any attempt to access or modify interesting workspace state on a closed
* workspace will fail.
* </p>
* <p>
* All modifications to the workspace occur within the context of a workspace operation.
* A workspace operation is implemented using the following sequence:
* </p>
* <pre>
*  try {
*  prepareOperation(...);
*  //check preconditions
```

```
*  beginOperation(...);
*  //perform changes
* } finally {
*  endOperation(...);
* }
* </pre>
* Workspace operations can be nested arbitrarily. A "top level" workspace operation
* is an operation that is not nested within another workspace operation in the current
* thread.
* <p>
* See the javadoc of {@link #prepareOperation(ISchedulingRule,
 IProgressMonitor)},
* {@link #beginOperation(boolean)}, and {@link #endOperation(ISchedulingRule, boolean)}
* for more details.
* </p>
* <p>
* Major areas of functionality are farmed off to various manager classes.  Open a
* type hierarchy on {@link IManager} to see all the different managers. Each
* manager is typically referenced three times in this class: Once in {@link #startup(IProgressMonitor)}
* when it is instantiated, once in {@link #shutdown(IProgressMonitor)} when it
* is destroyed, and once in a manager accessor method.
* </p>
*/
```

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*   Alexandre Vasseur   support for @AJ aspects
* **/

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*   Stephan Herrmann - Contributions for
*   bug 335093 - [compiler][null] minimal hook for future null annotation support
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365983 - [compiler][null] AIOOB with null annotation analysis and varargs
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when
 compiling the Eclipse SDK
*   bug 370930 - NonNull annotation not considered for enhanced for loops
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*   Bug 417758 - [1.8][null] Null safety compromise
 during array creation.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

```
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
 work)
*                       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
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* Contributors:
*      Xerox/PARC    initial implementation
*    Alex Vasseur    new factory methods for variants of JP
*  Abraham Nevado    new factory methods for collapsed SJPs
*    Andy Clement    new factory methods that rely on LDC <class>
* ******************************************************************/
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
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*   Stephan Herrmann - Contribution for
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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*    Alex Vasseur    wired up for @AJ proceeding
*    Andy Clement 23-06-06 added extras for @AJ
* ******************************************************************/
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```
*     IBM Corporation - initial API and implementation
*     Samrat Dhillon samrat.dhillon@gmail.com - Search for method references is
*             returning methods as overriden even if the superclass's method is
*             only package-visible - https://bugs.eclipse.org/357547
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodLocator.java
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*  Contributors:
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*     Isaac Pacht (isaacp3@gmail.com) - fix for bug 206540
*     Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
*     James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
*     Broadcom Corporation - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Torbjörn Svensson (STMicroelectronics) - bug #552606
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/BuildManager.java
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* Contributors:
*     PARC     initial implementation
*     Mik Kersten 2004-07-26 extended to allow overloading of
*      hierarchy builder
* ********************************************************************/
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 478864
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IAdaptable.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IAdapterManager.java
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*      Jesper Steen Møller - Contributions for
*                         bug 529552 - [18.3] Add 'var' in completions
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/team/FileModificationValidator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ErrorTypeImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/FileSystemAccess.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/source/IAnnotationModelExtension2.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   Bug 328281 - visibility leaks not detected when analyzing unused field in private class
*   Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries
*   Bug 354536 - compiling package-info.java still depends on the order of compilation units
*   Bug 349326 - [1.7] new warning for missing try-with-resources
*   Bug
 358903 - Filter practically unimportant resource leak warnings
*   Bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
*   Bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*   Bug 444024 - [1.8][compiler][null] Type mismatch error in annotation generics assignment which happens
"sometimes"
*   Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com -
 Contributions for
*   Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous
classes
*   het@google.com - Bug 456986 - Bogus error when annotation processor generates annotation type
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
***/

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*       Andy Clement - Contributions for
*                      Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ClassFileReader.java
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*   IBM Corporation - added constant AccDefault
*   IBM Corporation - added constants AccBridge and AccVarargs for J2SE 1.5
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*   wharley@bea.com - initial API and implementation
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*     Stephan Herrmann - Contributions for
*         bug 292478 - Report potentially null across variable assignment
*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*         bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field
 references
*         bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*         bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*         bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 426792 - [1.8][inference][impl] generify new type inference engine
*         Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*         Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*         Bug 426996
 - [1.8][inference] try to avoid method Expression.unresolve()?
*         Bug 428274 - [1.8] [compiler] Cannot cast from Number to double
*         Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*         Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*   Bug 441797 - [1.8] synchronize type annotations on capture and its wildcard
*   Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker
 hint from applicability analysis
*   Bug 456924 - StackOverflowError during compilation
*   Bug 462790 - [null] NPE in Expression.computeConversion()
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*   Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********/

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*   bug 331649 - [compiler][null] consider null annotations for fields
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 458396 - NPE in CodeStream.invoke()
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/VariableBinding.java
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*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
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*     Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
*     Hannes Wellmann - Bug 576644: Implement BundleReference for BundleURLConnection
*******************************************************************************/
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*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415543 - [1.8][compiler] Incorrect bound index in RuntimeInvisibleTypeAnnotations attribute
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*           Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*         Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeMethodReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CreationReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ExpressionMethodReference.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/FragmentLoader.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperMethodReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/LambdaExpression.java
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*   Lyor Goldstein (vmware) add support for weaved class being re-defined
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/log/Logger.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/log/LoggerFactory.java
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*   Stephan Herrmann - contribution for bug 337868 - [compiler][model] incomplete support for package-info.java
when using SearchableEnvironment
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/NameLookup.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/properties/PropertyManager2.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/DeclareAnnotationDeclaration.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/CompilationParticipantResult.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SortedSimpleNameVector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SortedCompoundNameVector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SortedCharArrays.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IField.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/EnclosingMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadCounter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowCounter.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/AnnotationDefault.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStack.java
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*     Serge Beauchamp (Freescale Semiconductor) - [252996] add PT_FILTER_PROVIDERS
*     Serge Beauchamp (Freescale Semiconductor) - [229633] add PT_VARIABLE_PROVIDERS
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Tom Hochstein (Freescale) - Bug 409996 - 'Restore Defaults' does not work properly on Project Properties >
Resource tab
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********************************************************************************/
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in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/ResourcesPlugin.java
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*     Stephan Herrmann - Contributions for
*        Bug 185682 - Increment/decrement operators mark local variables as read
*        Bug 458396 - NPE in CodeStream.invoke()
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/condpermadmin/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/weaving/WeavingHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/startlevel/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/resolver/package-info.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/log/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/packageadmin/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/weaving/WeavingException.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/util/tracker/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/url/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/permissionadmin/package-info.java
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*   AndyClement extracted as self contained type from Lint type (4-Aug-06)
* **/

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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModulePathEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ModuleSourcePathManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ProjectEntry.java
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*   IBM Corporation - initial API and implementation
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*   Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule

*   Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*   Markus Schorn (Wind River) - [306575] Save snapshot location with project
*   Broadcom Corporation - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* Martin Oberhuber (Wind River) - [184534] get attributes from native lib
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*     Mickael Istria (Red Hat Inc.) - [263316] regexp for file association
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*     Alex Smirnoff (alexsmr@sympatico.ca) - part of the changes to support Java-like extension
*                                            (see https://bugs.eclipse.org/bugs/show_bug.cgi?id=71460)
*     Microsoft Corporation - support custom options at compilation unit level
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/SystemBundleFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleResolutionReport.java
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*        Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ITypeBinding.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/resolver/HostedCapability.java
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*   Stephan Herrmann - Contribution for
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
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*     Andy Clement    Extensions for better IDE representation
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*         Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/NullTypeBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/VoidTypeBinding.java
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403147 - [compiler][null] FUP of bug 400761:
 consolidate interaction between unboxing, NPE, and deferred checking
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* Chris McGee (IBM) - Bug 380325 - Release filesystem fragment providing Java 7 NIO2 support
* Sergey Prigogin (Google) - Bug 458006 - Fix tests that fail on Mac when filesystem.java7 is used
***/

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* Contributors:
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* Sergey Prigogin (Google) - use parameterized types (bug 442021)
* Christoph Laeubrich - Bug 567344 - Support registration of IAdapterFactory as OSGi Service
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IAdapterFactory.java
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```

* bug 185682 - Increment/decrement operators mark local variables as read
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
* bug 331649 - [compiler][null] consider
 null annotations for fields
* Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
* Jesper S Møller <jesper@selskabet.org> - Contributions for
* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/LocalVariableBinding.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/RegionBasedHierarchyBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/Engine.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PackageBinding.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AnnotationMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ICompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/JavaElementFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/CompilationResult.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IMember.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/Convert.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/QualifiedTypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantPoolEntry.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTSyntaxErrorPropagator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/ChangeCollector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeNamesCollector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BasicCompilationUnit.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IIndexConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaElement.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeDeclarationLocator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IPackageFragment.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IClassFile.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredField.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/DependentPolicy.java
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 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/EquinoxClassLoader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/PolicyHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/bundlefile/DirBundleFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/ModuleClassLoader.java
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*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*        bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug
 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*        Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*        Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 425460 - [1.8] [inference] Type not inferred on stream.toArray
*        Bug 426792 - [1.8][inference][impl] generify new type inference engine
*        Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*        Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*        Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*        Bug 441693 -
 [1.8][null] Bogus warning for type argument annotated with @NonNull
*     Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*        Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/application/ScheduledApplication.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/application/ApplicationDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/application/ApplicationAdminPermission.java
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*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   Bug 384687 - [1.8] Wildcard type arguments should be rejected for lambda and reference
expressions
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Stephan Herrmann - Contribution for
*   bug 402028 - [1.8][compiler] null analysis for reference
 expressions
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super via I.super.m() syntax
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
Files::walk
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*   Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
*   Bug 427438
 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*   Bug 428264 - [1.8] method reference of generic class causes problems (wrong inference result or NPE)
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 426537 - [1.8][inference] Eclipse compiler thinks I<? super J> is compatible with I<J<?>> - raw type J
involved
*   Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*   Bug 435689 - [1.8][inference] Type inference not occurring with lambda expression and method reference
*   Bug 438383 - [1.8][null] Bogus warning: Null type safety at method return type
*   Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference

* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 438945
 - [1.8] NullPointerException InferenceContext18.checkExpression in java 8 with generics, primitives, and overloading
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Bug 470542 - NullPointerException in ReferenceExpression.isPotentiallyCompatibleWith (962)
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contribution for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ReferenceExpression.java
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* Contributors:
* IBM Corporation - initial API and implementation
* Stephan Herrmann <stephan@cs.tu-berlin.de> - inconsistent initialization of classpath container backed by external class folder, see https://bugs.eclipse.org/320618
**********/

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*   Stephan Herrmann - contribution for Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ImportMatchLocatorParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DocumentPartitioningChangedEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TemplateVariableResolver.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TextEditVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitioningListenerExtension2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/source/Annotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/DocumentTemplateContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArraySingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/SegmentUpdater.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DocumentRewriteSessionEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TextEditCopier.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/BaseDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/StateHelper.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/location/Locker_JavaIo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/url/reference/ReferenceInputStream.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/pluginconversion/PluginConversionException.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/permadmin/EquinoxSecurityManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ProcessTaskManager.java
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*   Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/internal/app/ProductExtensionBranding.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryObjectManager.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/TemporaryObjectManager.java
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*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation

```
*       Bug 462768 - [null] NPE when using linked folder for external annotations
*******************************************************************************/
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*   Timo Kinnunen - Contributions for bug 377373 - [subwords] known limitations with JDT 3.8
*   Bug 420953 - [subwords] Constructors that don't match prefix not found
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contribution for
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
 suggestions
*   Microsoft Corporation - Contribution for bug 575562 - improve completion search performance
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*   IBM Corporation - Java 8 support
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*     IBM Corporation - initial API and implementation
*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
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*       Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*    IBM Corporation - Fix for bug 328575
*    het@google.com - Bug 415274 - Annotation processing throws a NPE in getElementsAnnotatedWith()
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*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 407191 - [1.8] Binary access support for type annotations
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 478685, 478864, 479849
*     Christoph Läubrich - Bug 577645 - [Adapters] provide a method that returns an Optional for an adapted type
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/filesystem/IFileTree.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantFloat.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/TargetLostException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/ExceptionConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/FieldOrMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/FieldGenOrMethodGen.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InvokeDynamic.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantInterfaceMethodref.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InstructionConstants.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Modifiers.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/LineNumber.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantFieldref.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ClassParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantString.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/LocalVariable.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/util/NonCachingClassLoaderRepository.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/ConstantsInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/LocalVariableTable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/JavaClass.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantDouble.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/FieldInstruction.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/StackMapEntry.java

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/util/ThreadLocalAwareRepository.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/StackMap.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/ClassGenException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Attribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantDynamic.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/util/Repository.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantMethodHandle.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/SimpleConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantInvokeDynamic.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/Repository.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/LineNumberTable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantValue.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantClass.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ExceptionTable.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ClassVisitor.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Code.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InstructionCP.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/SourceFile.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InstructionTargeter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Synthetic.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/FieldOrMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantMethodType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/BasicType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/Instruction.java
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*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/InnerClass.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/util/ClassLoaderRepository.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InstructionList.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/MethodGen.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/ReferenceType.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ClassFormatException.java
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*
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/BootstrapMethods.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/LOOKUPSWITCH.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ConstantNameAndType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Field.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/Utility.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/LocalVariableGen.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/generic/InstVisitor.java
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*     Stephan Herrmann  - Contributions for
*           bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*           bug 295551 - Add option to automatically promote all warnings to errors
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug
 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 366063 - Compiler should not add synthetic @NonNull annotations
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*     Jesper Steen Moller - Contributions for
*       bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
*       bug 407297 - [1.8][compiler] Control generation of parameter names by option
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*   bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   bug 401030 - [1.8][null] Null analysis support for lambda methods.
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/EclipseConstantPoolWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ConstantPoolReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelConstantPoolWriter.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ConstantPoolWriter.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/CompressingDataOutputStream.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AjNaiveASTFlattener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AjASTConverter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AjASTVisitor.java
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*   Stephan Herrmann - Contribution for
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
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*        bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
*        bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/CollectSyncStatusVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/propertytester/StringMatcher.java
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
*   Mateusz Matela <mateusz.matela@gmail.com> - NPE in WrapExecutor during Java text formatting - https://bugs.eclipse.org/465669
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 in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/WrapExecutor.java
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*   Andy Clement   initial implementation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/IfFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseAnnotationConvertor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/AbstractCompilerAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseResolvedMember.java
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*     John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/CapabilityPermission.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/ServicePermission.java
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*   IBM Corporation - ongoing development
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*   RonBodkin/AndyClement optimizations for memory consumption/speed
* **/

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*   IBM Corporation - initial API and implementation
*   Martin Oberhuber (Wind River) - [294429] Avoid substring baggage in FileInfo
*   Martin Lippert (VMware) - [394607] Poor performance when using findFilesForLocationURI
*   Sergey Prigogin (Google) - [433061] Deletion of project follows symbolic links
*   [464072] Refresh on Access ignored during text search
*   Andrey Loskutov (loskutov@gmx.de) - [500306] Read-only files, and projects containing them, cannot
 be deleted
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnPackageVisibilityReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IModuleBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleBinding.java
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*    mkaufman@bea.com - initial API and implementation
*    IBM - renamed from PreReconcileCompilationResult to ReconcileContext
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*
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/PlatformObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/PluginVersionIdentifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/boot/PlatformURLHandler.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AnnotatableType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/ProblemSeverities.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelInfo.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnMessageSend.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MatchingNodeSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MemberTypeBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocument.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JarEntryFile.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword3.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/ISelectionRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/RegionBasedTypeHierarchy.java
*

/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/SourceFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Region.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/AbstractDocument.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SourceTypeCollisionException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/PackageFragmentInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/processing/JobManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ResourceCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/EvaluationContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/Evaluator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IOpenable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaProjectElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/IncrementalImageBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SuffixConstants.java
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*   olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/bundle/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/startlevel/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/weaving/WovenClass.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/resolver/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/bundle/EventHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/service/EventListenerHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/weaving/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/service/package-info.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IVariableBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ASTRewriteFlattener.java
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/BundleListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/Filter.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/ServiceListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/FrameworkListener.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IRecordComponent.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/RecordComponentInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/YieldStatement.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypeVariablePatternList.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegate.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/MatchingContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/PointcutParameter.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/NoSuchAdviceException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/StringToType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareEoW.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/Java15GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareErrorOrWarning.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/NoSuchPointcutException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareParents.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcITD.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionShadow.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareWarning.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/PointcutParameterImpl.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ShadowMatchImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/Java14GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/weaver/patterns/HasThisTypePatternTriedToSneakInSomeGenericOrParameterizedTypePatternMatchingStuffAnywhereVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/PointcutDesignatorHandlerBasedPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/StandardShadowMatchImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/DeclarePrecedenceImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ScopeWithTypeVariables.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/ShadowMatch.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelGenericSignatureToTypeXConverter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/JoinPointSignatureIterator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/TypePatternImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/JoinPointSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/MatchingContextBasedTest.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/DeclareErrorOrWarningImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/TypePatternBasedPerClause.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/MissingResolvedTypeWithKnownSignature.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/ContextBasedMatcher.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypeVariablePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/TypeVariableReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/Java15ReflectionBasedReferenceTypeDelegate.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/TypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/JoinPointMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/AjTypeImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PointcutExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AdviceKind.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/StandardShadow.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PointcutBasedPerClause.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/SignaturePattern.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PerClauseKind.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionVar.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareSoft.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutExpressionImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/HasMemberTypePatternFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/SignaturePatternImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AjTypeSystem.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/context/ContextToken.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/InterTypeMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/AdviceImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/InterTypeFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeFieldDeclarationImpl.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/DeclareSoftImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeMethodDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcPrivileged.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/AtAspectJAnnotationFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PerClauseImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AjType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/UnsupportedPointcutPrimitiveException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AbstractPatternNodeVisitor.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/InterTypeConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegateFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/PointcutDesignatorHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/InterTypeConstructorDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/context/PinpointingMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/DeclareAnnotationImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareError.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/JoinPointMatchImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/PointcutBasedPerClauseImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/PerClause.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareSoft.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/Advice.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/DeclareParents.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/InterTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/TypePatternBasedPerClauseImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/internal/lang/reflect/DeclareParentsImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/DefaultMatchingContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/context/ContextFormatter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/Pointcut.java
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*   Danail Nachev (Prosyst) - bug 185654
*   Andrei Loskutov - bug 44735
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*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*     Markus Schorn (Wind River) - [306575] Save snapshot location with project
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
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*        Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
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*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/connect/ConnectBundleFile.java
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*   IBM Corporation - initial API and implementation
*   Cagatay Calli <ccalli@gmail.com> - [find/replace] retain caps when replacing - https://bugs.eclipse.org/bugs/show_bug.cgi?id=28949
*   Cagatay Calli <ccalli@gmail.com> - [find/replace] define & fix behavior of retain caps with other escapes and text before \C - https://bugs.eclipse.org/bugs/show_bug.cgi?id=217061
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/app/IApplicationContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/internal/app/EclipseAppContainer.java
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ModelProviderDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ModelProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/ProjectContentTypes.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/CompositeResourceMapping.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ModelProviderManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ResourceModelProvider.java
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*   Stephan Herrmann - Contributions for
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 385626 - @NonNull fails across
 loop boundaries
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 455723 - Nonnull argument not correctly inferred in loop

*   Jesper S Moller - Contributions for
*   bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/FinallyFlowContext.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/classpath/ManifestPackageAttributes.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/classpath/TitleVersionVendor.java
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*   Semion Chichelnitsky (semion@il.ibm.com) - bug 208564
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/CompilationProgress.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java
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*   IBM Corporation - initial API and implementation
*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Stephan Herrmann - Contribution for
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3
 Functional Interface Parameterization Inference"
*   Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
*   Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*   Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*   Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*   Bug 446442 - [1.8] merge null annotations from super methods
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
**********/

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 in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FunctionalExpression.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/local/unix/StructStat.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/FileASTRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/local/unix/UnixFileFlags.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/filesystem/URIUtil.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/runnable/ApplicationLauncher.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/StackMapFrame.java
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*   Mikael Barbero (Eclipse Foundation) - Bug 509234
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*   Alexandre Vasseur   initial implementation
*   Adrian Colyer   refactoring for traversal and grouping by kind
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* Contributors:
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*         bug 185682 - Increment/decrement operators mark local variables as read
*         bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         bug 392384 - [1.8][compiler][null] Restore nullness
 info from type annotations in class files
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*         Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PrimitiveType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateImportOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementRequestor.java
*

/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CopyElementsOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperConstructorInvocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Initializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/QualifiedName.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/DocumentElementParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ForStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/EnhancedForStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/EnumDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ReconcileWorkingCopyOperation.java
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CastExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/RewriteEventStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/OverflowingLRUCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/InfixExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/DefaultErrorHandlingPolicies.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword1.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodInvocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationFragment.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/ManifestAnalyzer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/LRUCacheEnumerator.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/LineCommentEndOffsets.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/eval/EvaluationContextWrapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionJavadoc.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/SiblingEnumeration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IfStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IAnnotatable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMType.java
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/old/CodeFormatter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PostfixExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ASTHolderCUInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateMethodOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/CompilerStats.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ContinueStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreatePackageFragmentOperation.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Receiver.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/NodeInfoStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LRUCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PrefixExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BatchInitializationMonitor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/UnresolvedAnnotationBinding.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/CorrectionEngine.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ThrowStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SetVariablesOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/AbstractDOMBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ConstructorInvocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BufferCache.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BooleanLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexAllProject.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/ChildDocument.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredLocalVariable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/MultiOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ListRewriteEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ICacheEnumeration.java
*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/DeletePackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/InternalNamingConventions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/PathCollector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateFieldOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ImportDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/GenericXMLWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/EmptyStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/RewriteEvent.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword2.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Block.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ModelUpdater.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/WhileStatement.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ConditionalExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AssertStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeDeclarationStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BufferManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Assignment.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DoStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ExpressionStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/LabeledStatement.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CatchClause.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibraryManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Javadoc.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/SourceModifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayAccess.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/EnumConstantDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ReferenceContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Openable.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ParenthesizedExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IAccessRule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperMethodInvocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMNode.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ReturnStatement.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/InsideSubRoutineFlowContext.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
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Found in path(s):
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/MultiCatchExceptionLabel.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/IStringPoolParticipant.java
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*     Carmi Grushko - Bug 465048 - Binding is null for class literals in synchronized blocks
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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/TemporaryTypeMunger.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IUnwovenClassFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AbstractAnnotationAJ.java
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*   tyeung@bea.com - initial API and implementation
*   olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IProjectNature.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IPathVariableChangeEvent.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/ISynchronizer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceDeltaVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IProjectNatureDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceProxyVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/ISaveContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceProxy.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IStorage.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IPathVariableChangeListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/ISavedState.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceVisitor.java
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*   bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
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*   Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
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* Abraham Nevado - Lucierna initial implementation
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/AnnotationContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IExtendedAnnotationConstants.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
*   IBM Corporation - Bug fixes
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BoundSet.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/internal/NameConvertor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/internal/JDTLikeHandleProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/model/AsmRelationshipUtils.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/internal/CharOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/internal/HandleProviderDelimiter.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJrt.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ModuleDescriptionInfo.java
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* Contributors:
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
*   Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*
                Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/TypeAnnotationCodeStream.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/permadmin/SecurityRowSnapShot.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/service/security/AuthorizationStatus.java
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*   Sergey Prigogin (Google) - bug 424972
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/Filter.java
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* Contributors:
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*   IBM Corporation - added the following constants
*   NonStaticAccessToStaticField
*   NonStaticAccessToStaticMethod
*   Task
*   ExpressionShouldBeAVariable

```
*          AssignmentHasNoEffect
*     IBM Corporation - added the following constants
*          TooManySyntheticArgumentSlots
*          TooManyArrayDimensions
*          TooManyBytesForStringConstant
*          TooManyMethods
*          TooManyFields
*           NonBlankFinalLocalAssignment
*          ObjectCannotHaveSuperTypes
*          MissingSemiColon
*          InvalidParenthesizedExpression
*          EnclosingInstanceInConstructorCall
*          BytecodeExceeds64KLimitForConstructor
*          IncompatibleReturnTypeForNonInheritedInterfaceMethod
*          UnusedPrivateMethod
*          UnusedPrivateConstructor
*          UnusedPrivateType
*          UnusedPrivateField
*          IncompatibleExceptionInThrowsClauseForNonInheritedInterfaceMethod
*          InvalidExplicitConstructorCall
*     IBM Corporation - added the following constants
*          PossibleAccidentalBooleanAssignment
*          SuperfluousSemicolon
*          IndirectAccessToStaticField
*          IndirectAccessToStaticMethod
*          IndirectAccessToStaticType
*          BooleanMethodThrowingException
*          UnnecessaryCast
*          UnnecessaryArgumentCast
*          UnnecessaryInstanceof
*
   FinallyMustCompleteNormally
*          UnusedMethodDeclaredThrownException
*          UnusedConstructorDeclaredThrownException
*          InvalidCatchBlockSequence
*          UnqualifiedFieldAccess
*     IBM Corporation - added the following constants
*          Javadoc
*          JavadocUnexpectedTag
*          JavadocMissingParamTag
*          JavadocMissingParamName
*          JavadocDuplicateParamName
*          JavadocInvalidParamName
*          JavadocMissingReturnTag
*          JavadocDuplicateReturnTag
*          JavadocMissingThrowsTag
*          JavadocMissingThrowsClassName
*          JavadocInvalidThrowsClass
```

```
*         JavadocDuplicateThrowsClassName
*         JavadocInvalidThrowsClassName
*         JavadocMissingSeeReference
*         JavadocInvalidSeeReference
*         JavadocInvalidSeeHref
*         JavadocInvalidSeeArgs
*         JavadocMissing
*         JavadocInvalidTag
*         JavadocMessagePrefix
 *         EmptyControlFlowStatement
*    IBM Corporation - added the following constants
*         IllegalUsageOfQualifiedTypeReference
*         InvalidDigit
*    IBM Corporation - added the following constants
*         ParameterAssignment
*         FallthroughCase
*    IBM Corporation - added the following constants
*                         UnusedLabel
*                         UnnecessaryNLSTag
*                         LocalVariableMayBeNull
*                         EnumConstantsCannotBeSurroundedByParenthesis
*                         JavadocMissingIdentifier
*                         JavadocNonStaticTypeFromStaticInvocation
*                         RawTypeReference
*                         NoAdditionalBoundAfterTypeVariable
*                         UnsafeGenericArrayForVarargs
*                         IllegalAccessFromTypeVariable
*
  AnnotationValueMustBeArrayInitializer
*                         InvalidEncoding
*                         CannotReadSource
*                         EnumStaticFieldInInInitializerContext
*                         ExternalProblemNotFixable
*                         ExternalProblemFixable
*    IBM Corporation - added the following constants
*                         AnnotationValueMustBeAnEnumConstant
*                         OverridingMethodWithoutSuperInvocation
*                         MethodMustOverrideOrImplement
*                         TypeHidingTypeParameterFromType
*                         TypeHidingTypeParameterFromMethod
*                         TypeHidingType
*    IBM Corporation - added the following constants
*         NullLocalVariableReference
*         PotentialNullLocalVariableReference
*         RedundantNullCheckOnNullLocalVariable
*          NullLocalVariableComparisonYieldsFalse
 *          RedundantLocalVariableNullAssignment
*          NullLocalVariableInstanceofYieldsFalse
```

```
*          RedundantNullCheckOnNonNullLocalVariable
*          NonNullLocalVariableComparisonYieldsFalse
*    IBM Corporation - added the following constants
*                          InvalidUsageOfTypeParametersForAnnotationDeclaration
*                          InvalidUsageOfTypeParametersForEnumDeclaration
*    IBM Corporation - added the following constants
*         RedundantSuperinterface
*  Benjamin Muskalla - added the following constants
*       MissingSynchronizedModifierInInheritedMethod
*  Stephan Herrmann  - added the following constants
*       UnusedObjectAllocation
*       PotentiallyUnclosedCloseable
*       PotentiallyUnclosedCloseableAtExit
*       UnclosedCloseable
*       UnclosedCloseableAtExit
*       ExplicitlyClosedAutoCloseable
*          RequiredNonNullButProvidedNull
 *        RequiredNonNullButProvidedPotentialNull
*        RequiredNonNullButProvidedUnknown
*        NullAnnotationNameMustBeQualified
*        IllegalReturnNullityRedefinition
*        IllegalRedefinitionToNonNullParameter
*        IllegalDefinitionToNonNullParameter
*        ParameterLackingNonNullAnnotation
*        ParameterLackingNullableAnnotation
*        PotentialNullMessageSendReference
*        RedundantNullCheckOnNonNullMessageSend
*        CannotImplementIncompatibleNullness
*        RedundantNullAnnotation
*       RedundantNullDefaultAnnotation
*       RedundantNullDefaultAnnotationPackage
*       RedundantNullDefaultAnnotationType
*       RedundantNullDefaultAnnotationMethod
*       ContradictoryNullAnnotations
*       IllegalAnnotationForBaseType
*       RedundantNullCheckOnSpecdNonNullLocalVariable
*       SpecdNonNullLocalVariableComparisonYieldsFalse
*       RequiredNonNullButProvidedSpecdNullable
*       MissingDefaultCase
 *       MissingEnumConstantCaseDespiteDefault
*       UninitializedLocalVariableHintMissingDefault
*       UninitializedBlankFinalFieldHintMissingDefault
*       ShouldReturnValueHintMissingDefault
*       IllegalModifierForInterfaceDefaultMethod
*       InheritedDefaultMethodConflictsWithOtherInherited
*       ConflictingNullAnnotations
*       ConflictingInheritedNullAnnotations
*       UnsafeElementTypeConversion
```

```
*      ArrayReferencePotentialNullReference
*      DereferencingNullableExpression
*      NullityMismatchingTypeAnnotation
*      NullityMismatchingTypeAnnotationSuperHint
*      NullityUncheckedTypeAnnotationDetail
*      NullityUncheckedTypeAnnotationDetailSuperHint
*      NullableFieldReference
*      UninitializedNonNullField
*      UninitializedNonNullFieldHintMissingDefault
*      NonNullMessageSendComparisonYieldsFalse
*      RedundantNullCheckOnNonNullSpecdField
*      NonNullSpecdFieldComparisonYieldsFalse
*      NonNullExpressionComparisonYieldsFalse
*      RedundantNullCheckOnNonNullExpression
*      ReferenceExpressionParameterNullityMismatch
*      ReferenceExpressionParameterNullityUnchecked
*      ReferenceExpressionReturnNullRedef
*      ReferenceExpressionReturnNullRedefUnchecked
*      DuplicateInheritedDefaultMethods
*      SuperAccessCannotBypassDirectSuper
*      SuperCallCannotBypassOverride
*      ConflictingNullAnnotations
*      ConflictingInheritedNullAnnotations
*      UnsafeElementTypeConversion
*      PotentialNullUnboxing
*      NullUnboxing
*      NullExpressionReference
*      PotentialNullExpressionReference
*      RedundantNullCheckAgainstNonNullType
*      NullAnnotationUnsupportedLocation
*      NullAnnotationUnsupportedLocationAtType
*      NullityMismatchTypeArgument
*      ContradictoryNullAnnotationsOnBound
*      UnsafeNullnessCast
*      ContradictoryNullAnnotationsInferred
*      NonNullDefaultDetailIsNotEvaluated
*      NullNotCompatibleToFreeTypeVariable
*      NullityMismatchAgainstFreeTypeVariable
*      ImplicitObjectBoundNoNullDefault
*      IllegalParameterNullityRedefinition
*      ContradictoryNullAnnotationsInferredFunctionType
*      IllegalReturnNullityRedefinitionFreeTypeVariable
*      UnlikelyCollectionMethodArgumentType
*      UnlikelyEqualsArgumentType
*     Jesper S Moller  - added the following constants
*      TargetTypeNotAFunctionalInterface
*      OuterLocalMustBeEffectivelyFinal
*      IllegalModifiersForPackage
```

```
*        DuplicateAnnotationNotMarkedRepeatable
*        DisallowedTargetForContainerAnnotation
*        RepeatedAnnotationWithContainerAnnotation
*        ContainingAnnotationMustHaveValue
*        ContainingAnnotationHasNonDefaultMembers
*        ContainingAnnotationHasWrongValueType
*         ContainingAnnotationHasShorterRetention
 *        RepeatableAnnotationHasTargets
*        RepeatableAnnotationTargetMismatch
*        RepeatableAnnotationIsDocumented
*        RepeatableAnnotationIsInherited
*        RepeatableAnnotationWithRepeatingContainerAnnotation
*        VarLocalMultipleDeclarators
*        VarLocalCannotBeArray
*        VarLocalReferencesItself
*        VarLocalWithoutInitizalier
*        VarLocalInitializedToNull
*        VarLocalCannotBeArrayInitalizers
*        VarLocalCannotBeLambda
*        VarLocalCannotBeMethodReference
*        VarIsReserved
*        VarIsReservedInFuture
*        VarIsNotAllowedHere
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/IProblem.java
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*     Stephan Herrmann - Contribution for
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*        Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*        Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 417295 - [1.8[[null]
```

Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Andy Clement - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/InstanceOfExpression.java
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* Stephan Herrmann - Contribution for
* Bug 466279 - [hovering] IAE on hover when annotation-based null analysis is enabled
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/resolver/ResolutionException.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/resolver/ResolverHookFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/wiring/BundleRevisions.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/bundle/FindHook.java
*
/aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/bundle/CollisionHook.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/LstBuildConfigManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/LstBuildConfigFileUpdater.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/GoToLineThread.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BrowserView.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/StructureTreeManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/StructureViewPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/CompilerMessagesCellRenderer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/SimpleStructureViewToolPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/BrowserManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/BasicEditor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/internal/UserPreferencesStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureViewManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/AJButtonMenuCombo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/SwingTreeViewNodeRenderer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BrowserStructureViewToolPanel.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BrowserViewPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BrowserViewManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BuildProgressPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/StructureTree.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureSearchManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/TreeViewBuildConfigEditor.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/SwingTreeViewNodeFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BrowserViewTreeListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/UpdateConfigurationDialog.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/BuildConfigPopupMenu.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/OptionsFrame.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/MultiStructureViewPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/DefaultBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/swing/BrowserOptionsPanel.java
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*   Stephan Herrmann - Contributions for
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   bug 413958 - Function override returning inherited Generic Type
*   Bug 400874 - [1.8][compiler] Inference infrastructure

should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 446442 - [1.8] merge null annotations from super methods
* Bug 457079 - Regression:
type inference
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterizedGenericMethodBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/Pointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/PointcutDesignator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/InterSuperReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Instanceof.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/ExceptionRange.java
*

/aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/MakeDeclsPublicVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/NewParentTypeMunger.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/Iterators.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/Utility.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/And.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/NewConstructorTypeMunger.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NamePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/IExprVisitor.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/InlineAccessFieldBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ArgsPointcut.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/BCException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseSourceLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/PrivilegedHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ExactTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ResolvedPointcutDefinition.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelCflowAccessVar.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/WithinPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Call.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/KindedPointcut.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AjcMemberMaker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/CflowPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ThisOrTargetPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AndPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/ASTNode.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/AdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelVar.java
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/LazyMethodGen.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/PseudoToken.java
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*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/FormalBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/AjLookupEnvironment.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Or.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/Bindings.java
* /aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/UnwovenClassFile.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/model/AsmRelationshipProvider.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IHasSourceLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ExposedState.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Not.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelClassWeaver.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/ProceedVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/BasicToken.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/OrPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/AstUtil.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/DeclareErrorOrWarning.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IntMap.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeDeclaration.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Literal.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/ThisJoinPointVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypePatternQuestions.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Var.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/ShadowRange.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/AjCompilerOptions.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/FieldGetCall.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/IScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/TypePatternList.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ITokenSource.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PerClause.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IHasPosition.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/PointcutBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/DeclareDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/Test.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/PrivilegedAccessMunger.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/ajc/BuildArgParser.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/PrivilegedFieldBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelRenderer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/CrosscuttingMembers.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/NameMangler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ShadowMunger.java
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```
*     Tom Tromey - patch for readTable(String) as described in http://bugs.eclipse.org/bugs/show_bug.cgi?id=32196
*     Stephan Herrmann - Contributions for
*       bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 393719 - [compiler] inconsistent warnings on iteration variables
 *       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
*       bug 401035 - [1.8] A few tests have started failing recently
*     Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       bug 399695 - [1.8][compiler] [1.8][compiler] migrate parser to other syntax for default methods
*       bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
*       bug 393192 - Incomplete type hierarchy with > 10 annotations
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409250 - [1.8][compiler]
 Various loose ends in 308 code generation
*                       Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous
classes
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/propertytester/ResourceMappingPropertyTester.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/SimpleResourceMapping.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/internal/adaptor/EclipseAppLauncher.java
*
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/aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/propertytester/FilePropertyTester.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/RegistryFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/osgi/Activator.java
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*    wharley@bea.com - initial API and implementation
*    IBM Corporation - Java 8 support
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*   IBM Corporation - initial API and implementation
*   Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/Handle.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedSourceField.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/XMLRootHandler.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceAnnotationMethodInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/BinarySignatureDescriber.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedSourceMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/LazyInputStream.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/InvalidRegistryObjectException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/AnnotationComponentValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/AnnotationInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/dynamichelpers/IExtensionTracker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/rewrite/ITrackedNodePosition.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/TextContentDescriber.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Sergey Prigogin (Google) - [462440] IFile#getContents methods should specify the status codes for its
exceptions
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* IBM Corporation - initial API and implementation
* Stephan Herrmann - Contributions for
* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 358903 - Filter practically unimportant resource
leak warnings
* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
* bug 370639 - [compiler][resource] restore the default for resource leak warnings
* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424727 - [compiler][null] NullPointerException in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
* Bug 424710
- [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 424930 - [1.8][compiler] Regression: "Cannot infer type arguments" error from compiler.
* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
* Bug 427438 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 429203 - [1.8][compiler] NPE in AllocationExpression.binding
* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
* Bug 434297 - [1.8] NPE in LamdaExpression.analyseCode with lamda expression nested in a conditional expression
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 378674 - "The method can be declared as static" is wrong
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler]
Revive code generation support for type annotations (from Olivier's work)
* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic

bridge method
*   Till Brychcy - Contributions for
*   bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ISourceElementRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SelectionRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/text/StringMatcher.java

*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceFieldElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MissingTypeBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SearchableEnvironmentRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IPermittedSubclassesAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateElementInCUOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CompilationUnitStructureRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ClassFileMatchLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DeleteElementsOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/SimpleDOMBuilder.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BindingResolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/BinaryIndexer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathDirectory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AbstractIndexer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Modifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceType.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocTag.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/JavaConventions.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CopyResourceElementsOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceElementParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathMultiDirectory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ImportBinding.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/LocalVariableLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IClassFileReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyBuilder.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/SourceIndexerRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IPermittedSubclassesAttribute.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ImportReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SimpleDocument.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/IJavaSearchConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryRecordComponent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateTypeMemberOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/RelevanceConstants.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IMemberFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IAttribute.java
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*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   Bug 417758 - [1.8][null] Null safety compromise during array creation.
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
***/

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*   IBM Corporation - initial API and implementation
*   Luiz-Otavio Zorzella <zorzella at gmail dot com> - Improve CamelCase algorithm
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions
*   Stefan Xenos <sxenos@gmail.com> (Google) - Bug 501283 - Lots of hash collisions during indexing
**********/

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*   Alexandre Vasseur   rearchitected for #75442 finer grained matching
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/DirectMap.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AptBinaryLocalVariableBinding.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/localization/LocaleProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryObjectFactoryMulti.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessConstructorRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ExtensionMulti.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ConstructorDeclarationPattern.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredProvidesStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredExport.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeywordModule2.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnModuleDeclaration.java
* /aspectjtools-1-9-9-1-sources-

jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleStatement.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnExportReference.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnUsesQualifiedTypeReference.java
*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnUsesSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesInterfacesQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnPackageVisibilityReference.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredOpensStatement.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnModuleReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java
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*   Stefan Winkler - Bug 223492: Set current job name as thread name
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*   Theodora Yeung (tyeung@bea.com) - ensure that JarPackageFragmentRoot make it into cache
*   before its contents
*   (see https://bugs.eclipse.org/bugs/show_bug.cgi?id=102422)
*   Stephan Herrmann - Contributions for
*   Bug 346010 - [model] strange initialization dependency in OptionTests
*   Bug 440477 - [null] Infrastructure
 for feeding external annotations into compilation
*   Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Contribution to bug:
https://bugs.eclipse.org/bugs/show_bug.cgi?id=411423
*   Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
https://bugs.eclipse.org/421165
*   Terry Parker <tparker@google.com> - Enable the Java model caches to recover from IO errors -
https://bugs.eclipse.org/455042
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
suggestions
*   Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
**********/

Found in path(s):

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelManager.java
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*            bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 370639 - [compiler][resource] restore the default for resource leak warnings
*        bug 265744 - Enum switch should warn about missing default
*        bug 374605 - Unreasonable warning for enum-based switch statements
*        bug 381443
 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*        Bug 441208 - [1.8][null]SuppressWarnings("null") does not suppress / marked Unnecessary
*        Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/IrritantSet.java
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*    Andy Clement     initial implementation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/MethodParameters.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/TypeAnnotationGen.java

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/IOutputLocationManager.java
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*         Bug 440474 - [null] textual encoding of external null annotations
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*   Hannes Wellmann - Bug 573025 & 573026: introduce and apply NamespaceList.Builder
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/container/NamespaceList.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/util/TypeSafeEnum.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/util/Reflection.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/Constants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/ISupportsMessageContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/TraceFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/AbstractTrace.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/CommonsTraceFactory.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/IMessageContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Traceable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/DefaultTrace.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Jdk14Trace.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/DefaultTraceFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Trace.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/Jdk14TraceFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/CommonsTrace.java
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*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         bug 388281 - [compiler][null] inheritance of null annotations as an option
*         bug 388795 - [compiler] detection of name clash depends on order of super interfaces
*         bug 388739 - [1.8][compiler] consider default methods when detecting whether
 a class needs to be declared abstract
*         bug 390883 - [1.8][compiler] Unable to override default method
*         bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*         bug 401246 - [1.8][compiler] abstract class method should now trump conflicting default methods
*         bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*         bug 403867 - [1.8][compiler] Suspect error about duplicate default methods
*         bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*         bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*         bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*         Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*         Bug 404690 - [1.8][compiler] revisit bridge generation after VM bug is fixed
 *         Bug 410325 - [1.7][compiler] Generified method override different between javac and eclipse compiler
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*         Bug 440773 - [1.8][null]DefaultLocation.RETURN_TYPE erroneously affects method parameters in
@NonNullByDefault
*         Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*         Bug 446442 - [1.8] merge null annotations from super methods
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*   Bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*   Bug 388630 - @NonNull diagnostics at line 0
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 424727 - [compiler][null] NullPointerException
 in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*   Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends
the outer class

```
 *    Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*                     Bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource
*                     Bug 546084 - Using Junit 5s MethodSource leads to ClassCastException
**********************************************************************************/
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*     Stefan Xenos - bug 174539 - add a 1-argument convert(...) method
*     Stefan Xenos - bug 174040 - SubMonitor#convert doesn't always set task name
*     Stefan Xenos - bug 206942 - updated javadoc to recommend better constants for infinite progress
*     Stefan Xenos (Google) - bug 475747 - Support efficient, convenient cancellation checks in SubMonitor
*     Stefan Xenos (Google) - bug 476924 - Add a SUPPRESS_ISCANCELED flag to SubMonitor
 *     IBM Corporation - ongoing maintenance
*     Christoph Laeubrich - adjust to new API
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/namespaces/EquinoxModuleDataNamespace.java
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*        Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*        Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Around.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelPerClauseAspectAdder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Pointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/AfterReturning.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Before.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/After.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/AtAjAttributes.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/Aspect.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclarePrecedence.java
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/AjPipeliningCompilerAdapter.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedResolvedMemberImpl.java
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*   Rob Harrop - SpringSource Inc. (bug 247522)
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/util/Archive.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/hooks/DevClassLoadingHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathSourceJar.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ITypeRoot.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 328281 - visibility leaks not detected when analyzing unused field in private class
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365836 - [compiler][null] Incomplete propagation of null defaults.
*   bug 365519 - editorial cleanup after bug 186342
 and bug 365387
*   bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*   bug 366063 - Compiler should not add synthetic @NonNull annotations
*   bug 384663 - Package Based Annotation Compilation Error in JDT 3.8/4.2 (works in 3.7.2)
*   bug 386356 - Type mismatch error with annotations and generics
*   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 380896 - [compiler][null] Enum constants not recognised as being NonNull.
*   bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
 *   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 416172 - [1.8][compiler][null] null type annotation not evaluated on method return type
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 426048 - [1.8] NPE in TypeVariableBinding.internalBoundCheck when parentheses are not balanced
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*   Bug 441693 - [1.8][null]
 Bogus warning for type argument annotated with @NonNull
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*   Bug 461250 - ArrayIndexOutOfBoundsException in SourceTypeBinding.fields

```
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Jesper S Moller <jesper@selskabet.org> -  Contributions for
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*     Till Brychcy - Contributions for
*          bug 415269 - NonNullByDefault is not always inherited to nested classes
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*     Sebastian Zarnekow - Contributions
 for
*       bug 544921 - [performance] Poor performance with large source files
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SourceTypeBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/connect/DelegatingConnectClassLoader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/connect/ConnectHookConfigurator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TextBlock.java
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*     Palo Alto Research Center, Incorporated - AspectJ adaptation
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*         bug 185682 - Increment/decrement operators mark local variables as read
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:
 info cannot be null
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 458396 - NPE in CodeStream.invoke()
*     Jesper S Moller - Contributions for
*         Bug 378674 - "The method can be declared as static" is wrong
*     Robert Roth <robert.roth.off@gmail.com> - Contributions for
*         Bug 361039 - NPE in FieldReference.optimizedBooleanConstant
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*   Stephan Herrmann - Contribution for
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*   Bug 426542 - [1.8] Most specific method not picked when one method has intersection type as type parameter
*   Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Andy
 Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*   Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IntersectionTypeBinding18.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ConstraintExceptionFormula.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ConstraintFormula.java
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*     PARC     initial implementation
*     Mik Kersten revisions, added additional relationships
*     Alexandre Vasseur        support for @AJ style
* ********************************************************************/
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*     Stephan Herrmann  - Contribution for bug 295551
*     Jesper S Moller   - Contributions for
*         Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*     Frits Jalvingh    - contributions for bug 533830.
*     Red Hat Inc.      - add module-info Javadoc support
*******************************************************************************/
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Found in path(s):

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*     Stephen Herrmann <stephan@cs.tu-berlin.de> -  Contributions for
*          bug 133125 - [compiler][null] need to report the null status of expressions and analyze them simultaneously
*          bug 292478 - Report potentially null across variable assignment
*        bug 324178 - [null] ConditionalExpression.nullStatus(..) doesn't take into account the analysis of condition itself
*        bug 354554 - [null] conditional with redundant condition
 yields weak error message
*          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426078 - [1.8] VerifyError when conditional expression passed as an argument
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *       Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/TypeNameMatchRequestorWrapper.java
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*     Genady Beriozkin - added support for reporting assignment with no effect
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 292478 - Report potentially null across variable assignment
*         bug 335093 - [compiler][null] minimal hook for future null annotation support
*         bug 349326 - [1.7] new warning for missing
 try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up of bug 401088: Missing
 warning about redundant null check
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Assignment.java

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*     Sebastian Davids - fix for the bug 178028 (removals not propagated to handlers)
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*     Stephan Herrmann - Contributions for bug 215139 and bug 295894
*     Microsoft Corporation - Contribution for bug 575562 - improve completion search performance
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*        bug 292478 - Report potentially null across variable assignment,
*        bug 185682 - Increment/decrement operators mark local variables as read
*        bug 331649 - [compiler][null] consider null annotations for fields
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*        Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:
 info cannot be null
*        Bug 458396 - NPE in CodeStream.invoke()
*        Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*     Jesper S Moller - <jesper@selskabet.org>   - Contributions for
*           bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*        bug 378674 - "The method can be declared as static" is wrong
*        bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*        bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********************************************************************************/
```

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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 415790
 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ForStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/WhileStatement.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Sergey Prigogin (Google) - [464072] Refresh on Access ignored during text search
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*     Christoph Läubrich - add methods for logging without a IStatus object
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/HookContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/weaving/WeavingHookConfigurator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/connect/ConnectModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/connect/ConnectFrameworkFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/connect/ConnectContent.java
*
/aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/connect/ModuleConnector.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/ResolverHookException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/StateWire.java

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* Contributors:
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*         Andy Clement - Contributions for
*                        Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetClassFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/FieldInfo.java
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* Contributors:
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
*   bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*   bug 382069 - [null] Make
 the null analysis consider JUnit's assertNotNull similarly to assertions
*   Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
*   Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*   Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*   Jesper S Moller - Contributions for
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 405104 - [1.8][compiler][codegen]
 Implement support for serializeable lambdas
*   Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*   bug 386692 - Missing "unused" warning on "autowired" fields
*   Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*   bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AnnotationPatternList.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/TypePatternMatcher.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AndAnnotationTypePattern.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PointcutEvaluationExpenseComparator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/TypePatternMatcherImpl.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/WildAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NotAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/WithinAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/PointcutExpressionImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/internal/tools/StandardPointcutExpressionImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ArgsAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/OrAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/StandardPointcutExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/PointcutRewriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/BindingPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/PointcutPrimitive.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ThisOrTargetAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ExactAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/AnnotatedElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/PointcutExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/BindingAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/WithinCodeAnnotationPointcut.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/INestHostAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/INestMembersAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/INestMemberAttributeEntry.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/NestHostAttribute.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - TypeConverters don't set enclosingType -
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*     Andy Clement - upgrade to support fields targetting generic types
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*     Palo Alto Research Center, Incorporated - AspectJ adaptation
*     Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*     Stephan Herrmann - Contributions for
*         bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 358903
 - Filter practically unimportant resource leak warnings
*         bug 370639 - [compiler][resource] restore the default for resource leak warnings
*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*         bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*         bug 379784 - [compiler] "Method can be static" is not getting reported
```

* bug 379834 - Wrong "method can be static" in presence of qualified super and different staticness of nested super class.
* bug 388281 - [compiler][null] inheritance of null annotations as an option
* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
* bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
* bug 331649 - [compiler][null] consider null annotations
for fields
* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 427483 - [Java 8] Variables in lambdas
sometimes can't be resolved
* Bug 427438 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
* Bug 472618 - [compiler][null] assertNotNull vs. Assert.assertNotNull
* Bug
470958 - [1.8] Unable to convert lambda
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
* Jesper S Moller - Contributions for

* Bug 378674 - "The method can be declared as static" is wrong
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method
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* Contributors:
* mkaufman@bea.com - initial API as ICompilationParticipant
* IBM - changed from interface ICompilationParticipant to abstract class CompilationParticipant
* IBM - rewrote specification
*
**********/

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* Contributors:
* Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
* Mateusz Matela <mateusz.matela@gmail.com> - [formatter] IndexOutOfBoundsException in TokenManager - https://bugs.eclipse.org/462945

*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Bad line breaking in Eclipse javadoc comments - https://bugs.eclipse.org/348338
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
***/

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*     Tom Tromey - Contribution for bug 125961
*     Tom Tromey - Contribution for bug 159641
*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann  - Contributions for
*          bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*          bug 295551 - Add option to automatically promote all warnings to errors
*          bug 359721 - [options] add command line option
 for new warning token "resource"
*       bug 365208 - [compiler][batch] command line options for annotation based null analysis
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 375366 - ECJ ignores unusedParameterIncludeDocCommentReference unless enableJavadoc option is set
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*       Bug 408815 - [batch][null] Add CLI option for
```

COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
*   Jesper S Moller   - Contributions for
*   bug 407297 - [1.8][compiler] Control generation of parameter names by option
*   Mat Booth - Contribution for bug 405176
*   Frits Jalvingh -
 fix for bug 533830.
**********/

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*   manklu@web.de - fix for bug 156082
*   Bert Vingerhoets - fix for bug 169975
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Fix Concurency Exception
*   Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*   Bug 186342 - [compiler][null] Using annotations for null checking
*   Bug 440474 - [null] textual encoding of external null annotations
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 407191 - [1.8] Binary access support for type annotations

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/util/Util.java
* /aspectjtools-1-9-9-1-sources-
jar/org/eclipse/core/internal/resources/mapping/ResourceChangeDescriptionFactory.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/util/Options.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ShallowContainer.java
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*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
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*     Christoph Laeubrich - Bug 527175 - Storage#getSystemContent() should first make the file absolute
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*       Andy Clement - Contributions for
*                    Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*       Jesper Steen Moeller - Contribution for
*                    Bug 406973 - [compiler] Parse MethodParameters attribute
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*        Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*     Christoph Laeubrich - Bug 567344 - Support registration of IAdapterFactory as OSGi Service
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*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/Messages.java

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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AnnotationBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Member.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MatchLocatorParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryMember.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/InstanceofExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CompilationUnitProblemFinder.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AbstractImageBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ASTRewriteAnalyzer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/ParserBasicInformation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ClassFileInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ASTVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/FieldLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionScanner.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/hookregistry/HookConfigurator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/RegisteredPolicy.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ClassFormatException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredStatement.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Statement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/DiagnoseParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ListLineTracker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SetContainerOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/eval/ICodeSnippetRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocAllocationExpression.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeReferenceLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Type.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/SearchParticipant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMNode.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetParser.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/CommentRecorderParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/eval/IEvaluationContext.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/FieldAccess.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/NamingConventions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BodyDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/WorkingCopyOwner.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/CategorizedProblem.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/PackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/StringLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IStackMapFrame.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/TextUtilities.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfPackage.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CharacterLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayCreation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclaration.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchStatement.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemPackageBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaElementDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/ITerminalSymbols.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ICodeAssist.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Name.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/ReferenceMatch.java
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points

* bug 358903 - Filter practically unimportant resource leak warnings
* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
* bug 370639 - [compiler][resource]
 restore the default for resource leak warnings
* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
* bug 379784 - [compiler] "Method can be static" is not getting reported
* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)
* Bug 396575 - [compiler][resources] Incorrect Errors/Warnings check for potential resource leak when surrounding with try-catch
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 378674 - "The method can be declared as static" is wrong
* Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends the outer class
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/IRelationshipMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/IRelationship.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajdoc/StructureUtil.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/RefreshLocalAliasVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DeltaDataTree.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnQualifiedAllocationExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/TypeVector.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DeletedNode.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/ResourceException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DataTreeNode.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/ModelObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IFileModificationValidator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/NoDataDeltaNode.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeReferenceLocator.java

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DataDeltaNode.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceChangeEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DataTree.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodPattern.java
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*   bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
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*   Tim Hanson <thanson@bea.com> - fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=137634
*   Sebastian Zarnekow - Contribution for
*   Bug 545491 - Poor performance of ReferenceCollection with many source files
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ReferenceCollection.java
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*   Stephan Herrmann - Contribution for bug 349326 - [1.7] new warning for missing try-with-resources
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/EmptyStatement.java
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*   wharley@bea.com - initial API and implementation
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/VariableElementImpl.java
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 265744 - Enum switch should warn about missing default
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
 ***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/SwitchStatement.java
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* Contributors:
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*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields

* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
* Bug
422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OR_OR_Expression.java
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* Contributors:
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* generic signature update   Adrian Colyer
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/boot/PlatformURLBaseConnection.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/NullProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/PlatformURLPluginConnection.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/CoreException.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/PlatformURLFragmentConnection.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/QualifiedName.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/MethodDelegateTypeMunger.java
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*     IBM Corporation - initial API and implementation
*     Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*     Broadcom Corporation - ongoing development
*     Sergey Prigogin (Google) - [437005] Out-of-date .snap file prevents Eclipse from running
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/LocalMetaArea.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelWeaver.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ResolvedMemberImpl.java
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*     Mik Kersten     initial implementation
*     Andy Clement, IBM, SpringSource    Extensions for better IDE representation
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Joerg Kubitz    - caching
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*     Danail Nachev (ProSyst) - bug 188070
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/INameEnvironmentWithProgress.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/ShrinkableValueCollectionMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/ShrinkableEntrySetValueCollection.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/PreferenceModifyListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/XMLParsingServiceFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedLambdaExpression.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/container/EquinoxReentrantLock.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryLambdaExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/LambdaFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryLambdaMethod.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/ExceptionInferenceFlowContext.java
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*   Christoph Laeubrich - adjust to new API
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*   IBM Corporation - added the following constants:
*   COMPILER_PB_DEPRECATION_IN_DEPRECATED_CODE
*   COMPILER_PB_STATIC_ACCESS_RECEIVER
*   COMPILER_TASK_TAGS
*   CORE_CIRCULAR_CLASSPATH
*   CORE_INCOMPLETE_CLASSPATH
*   IBM Corporation - added run(IWorkspaceRunnable, IProgressMonitor)
*
    IBM Corporation - added exclusion patterns to source classpath entries
*   IBM Corporation - added specific output location to source classpath entries
*   IBM Corporation - added the following constants:
*   CORE_JAVA_BUILD_CLEAN_OUTPUT_FOLDER
*   CORE_JAVA_BUILD_RECREATE_MODIFIED_CLASS_FILES_IN_OUTPUT_FOLDER
*   CLEAN
*   IBM Corporation - added getClasspathContainerInitializer(String)
*   IBM Corporation - added the following constants:
*   CODEASSIST_ARGUMENT_PREFIXES
*   CODEASSIST_ARGUMENT_SUFFIXES
*   CODEASSIST_FIELD_PREFIXES
*   CODEASSIST_FIELD_SUFFIXES
*   CODEASSIST_LOCAL_PREFIXES
*   CODEASSIST_LOCAL_SUFFIXES

```
* 		CODEASSIST_STATIC_FIELD_PREFIXES
*
		CODEASSIST_STATIC_FIELD_SUFFIXES
* 		COMPILER_PB_CHAR_ARRAY_IN_STRING_CONCATENATION
*    IBM Corporation - added the following constants:
* 		COMPILER_PB_LOCAL_VARIABLE_HIDING
* 		COMPILER_PB_SPECIAL_PARAMETER_HIDING_FIELD
* 		COMPILER_PB_FIELD_HIDING
* 		COMPILER_PB_POSSIBLE_ACCIDENTAL_BOOLEAN_ASSIGNMENT
* 		CORE_INCOMPATIBLE_JDK_LEVEL
* 		VERSION_1_5
* 		COMPILER_PB_EMPTY_STATEMENT
*    IBM Corporation - added the following constants:
* 		COMPILER_PB_INDIRECT_STATIC_ACCESS
* 		COMPILER_PB_BOOLEAN_METHOD_THROWING_EXCEPTION
* 		COMPILER_PB_UNNECESSARY_CAST
*    IBM Corporation - added the following constants:
*
		COMPILER_PB_INVALID_JAVADOC
* 		COMPILER_PB_INVALID_JAVADOC_TAGS
* 		COMPILER_PB_INVALID_JAVADOC_TAGS_VISIBILITY
* 		COMPILER_PB_MISSING_JAVADOC_TAGS
* 		COMPILER_PB_MISSING_JAVADOC_TAGS_VISIBILITY
* 		COMPILER_PB_MISSING_JAVADOC_TAGS_OVERRIDING
* 		COMPILER_PB_MISSING_JAVADOC_COMMENTS
* 		COMPILER_PB_MISSING_JAVADOC_COMMENTS_VISIBILITY
* 		COMPILER_PB_MISSING_JAVADOC_COMMENTS_OVERRIDING
* 		COMPILER_PB_DEPRECATION_WHEN_OVERRIDING_DEPRECATED_METHOD
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_WHEN_OVERRIDING
*    IBM Corporation - added the following constants:
* 		TIMEOUT_FOR_PARAMETER_NAME_FROM_ATTACHED_JAVADOC
*
  IBM Corporation - added the following constants:
* 		COMPILER_PB_FALLTHROUGH_CASE
* 		COMPILER_PB_PARAMETER_ASSIGNMENT
* 		COMPILER_PB_NULL_REFERENCE
*    IBM Corporation - added the following constants:
* 		CODEASSIST_DEPRECATION_CHECK
*    IBM Corporation - added the following constants:
* 		COMPILER_PB_POTENTIAL_NULL_REFERENCE
* 		COMPILER_PB_REDUNDANT_NULL_CHECK
*    IBM Corporation - added the following constants:
* 		COMPILER_PB_UNUSED_PARAMETER_INCLUDE_DOC_COMMENT_REFERENCE
*    IBM Corporation - added the following constants:
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_INCLUDE_DOC_COMMENT_REFEREN
CE
```

```
*     IBM Corporation - added the following constants:
*                         COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION
 *          COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_NO_TAG
*          COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_RETURN_TAG
*          COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_ALL_TAGS
*     IBM Corporation - added the following constants:
*                         COMPILER_PB_REDUNDANT_SUPERINTERFACE
*     IBM Corporation - added the following constant:
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_EXEMPT_EXCEPTION_AND_THROWA
BLE
*     IBM Corporation - added getOptionForConfigurableSeverity(int)
*     Benjamin Muskalla - added COMPILER_PB_MISSING_SYNCHRONIZED_ON_INHERITED_METHOD
*     Stephan Herrmann  - added COMPILER_PB_UNUSED_OBJECT_ALLOCATION
*     Stephan Herrmann  - added COMPILER_PB_SUPPRESS_OPTIONAL_ERRORS
*     Stephan Herrmann  - added the following constants:
*           COMPILER_PB_UNCLOSED_CLOSEABLE,
*           COMPILER_PB_POTENTIALLY_UNCLOSED_CLOSEABLE
*           COMPILER_PB_EXPLICITLY_CLOSED_AUTOCLOSEABLE
 *           COMPILER_ANNOTATION_NULL_ANALYSIS
*           COMPILER_NULLABLE_ANNOTATION_NAME
*           COMPILER_NONNULL_ANNOTATION_NAME
*           COMPILER_PB_NULL_SPECIFICATION_VIOLATION
*           COMPILER_PB_POTENTIAL_NULL_SPECIFICATION_VIOLATION
*           COMPILER_PB_NULL_SPECIFICATION_INSUFFICIENT_INFO
*        COMPILER_PB_MISSING_ENUM_CASE_DESPITE_DEFAULT
*        COMPILER_PB_SWITCH_MISSING_DEFAULT_CASE
*        COMPILER_INHERIT_NULL_ANNOTATIONS
*        COMPILER_PB_NONNULL_PARAMETER_ANNOTATION_DROPPED
*        COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
*        COMPILER_PB_UNLIKELY_COLLECTION_METHOD_ARGUMENT_TYPE
*        COMPILER_PB_UNLIKELY_EQUALS_ARGUMENT_TYPE
*     Jesper S Moller   - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*                  - added the following constants:
*        COMPILER_CODEGEN_METHOD_PARAMETERS_ATTR
*     Harry Terkelsen (het@google.com) - Bug 449262
 - Allow the use of third-party Java formatters
*     Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
suggestions
*     Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
*
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheKeyResolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheStatistics.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheFactory.java
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*   John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportGroupComparator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/UnionType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/FileIndexLocation.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/ModuleMainClass.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/Module.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleCapability.java
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*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ExportsDirective.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ProvidesDirective.java
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*   Jesper S Moller - Contributions for
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile

```
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ModelStatus.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryIndexChildren.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/BitMask.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodReferenceMatch.java
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*   Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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*     Stephan Herrmann - Contribution for
*        Bug 377883 - NPE on open Call Hierarchy
*     Microsoft Corporation - Contribution for bug 575562 - improve completion search performance
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MatchLocator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/PreferenceMetadata.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IPreferenceMetadataStore.java
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*   IBM Corporation - initial API and implementation
* Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule
* Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
* James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
* Broadcom Corporation - build configurations and references
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*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*******************************************************************************/
```

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BaseTypeBinding.java
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/ICommand.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/AdviceSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/BrowserUIAdapter.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/IMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureViewProperties.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/MethodSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/AjdeWidgetStyles.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/CountingMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/ErrorDialog.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/SignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureViewNodeFactory.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/ReflectionFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/NoAspectBoundException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/ConstructorSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/MessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/StringMaker.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/CodeSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/BuildConfigNode.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/AbstractIconRegistry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/InvalidResourceException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/BuildConfigListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/IMessage.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/AdviceSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/ISourceLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/StructureUtilities.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/EditorManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/GlobalStructureView.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureView.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/FieldSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/MethodSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/util/PartialOrder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/Conversions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/ajc/ConfigParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/SourceLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/IdeUIAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/LstBuildConfigFileParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/SourceLocationImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/AbortException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/PointcutWizard.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/BuildConfigModel.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/internal/BuildConfigManager.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowStack.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/SourceLocation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/BuildConfigEditor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/IconRegistry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/internal/TreeStructureViewBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/Message.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/JoinPoint.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/MemberSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/FieldSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/EditorAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/FileStructureView.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CodeSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/StructureViewRenderer.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/swing/SwingTreeViewNode.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/CatchClauseSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/internal/CFlowPlusState.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/Main.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/JoinPointImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/MemberSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/MessageUtil.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/EditorListener.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/GlobalViewProperties.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/bridge/MessageWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/util/FuzzyBoolean.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/IStructureViewNode.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/Signature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/ConstructorSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/AbstractIcon.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/CatchClauseSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/internal/NavigationHistoryModel.java
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*   Vladimir Piskarev <pisv@1c.ru> - Building large Java element deltas is really slow -
https://bugs.eclipse.org/443928
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*/
/**
  * Return the certificates for the signers of this bundle and the
  * certificate chains for those signers.
  *
  * @param signersType If {@link #SIGNERS_ALL} is specified, then information
  *   on all signers of this bundle is returned. If
  *   {@link #SIGNERS_TRUSTED} is specified,
 then only information on
  *   the signers of this bundle trusted by the framework is returned.
  * @return The {@code X509Certificate}s for the signers of this bundle and
  *   the {@code X509Certificate} chains for those signers. The keys of
  *   the {@code Map} are the {@code X509Certificate}s of the signers
  *   of this bundle. The value for a key is a {@code List} containing
  *   the {@code X509Certificate} chain for the signer. The first item
  *   in the {@code List} is the signer's {@code X509Certificate} which
  *   is then followed by the rest of the {@code X509Certificate}
  *   chain. The returned {@code Map} will be empty if there are no
  *   signers. The returned {@code Map} is the property of the caller
  *   who is free to modify it.
  * @throws IllegalArgumentException If the specified {@code signersType} is
  *   not {@link #SIGNERS_ALL} or {@link #SIGNERS_TRUSTED}.
  * @since 1.5

*/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IUpdatableModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ModuleUpdater.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryModule.java
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*   James Blackburn (Broadcom Corp.) - ongoing development
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/NativeCodeSpecification.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/service/security/AuthorizationEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/signedcontent/SignedContent.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/signedcontent/SignedContentFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/service/security/AuthorizationListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/NativeCodeDescription.java
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*   IBM Corporation - initial API and implementation
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jar/org/aspectj/ajdt/internal/compiler/lookup/OwningClassSupportForMethodBindings.aj
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/AnonymousClassCreationListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/AnonymousClassPublisher.aj
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/ajdt/internal/compiler/parser/AllowAssertAndEnumAsIdentifierTokensInPointcutExpressions.aj
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/ajdt/internal/compiler/lookup/OwningClassSupportForFieldBindings.aj
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/BundleLoaderSources.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/ServiceUse.java
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* Contributors:
*   John Kew (vmware)   initial implementation
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CacheBacking.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/GeneratedCachedClassHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/AbstractFileCacheBacking.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/AbstractIndexedFileCacheBacking.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/CachedClassReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/WeavedClassCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/DefaultFileCacheBacking.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/cache/AbstractCacheBacking.java
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*     Jesper S Moller - Contributions for
*         bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*    Stephan Herrmann - Contribution for
*         bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 416182 - [1.8][compiler][null]
 Contradictory null annotations not rejected
*******************************************************************************/
```

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*           bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*           bug 186342 - [compiler][null] Using annotations for null checking
*******************************************************************************/
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Tom Hochstein (Freescale) - Bug 409996 - 'Restore Defaults' does not work properly on Project Properties >
Resource tab
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/internal/app/AppPersistence.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/internal/app/AnyThreadAppLauncher.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/equinox/internal/app/EclipseAppDescriptor.java
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*   Stephan Herrmann - Contribution for
*   Bug 428811 - [1.8][compiler] Type witness unnecessarily required
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InferenceFailureException.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*   Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
*   Baltasar Belyavsky (Texas Instruments) - [361675] Order mismatch when saving/restoring workspace trees
*   Broadcom Corporation - ongoing development
*   Sergey Prigogin (Google) - [437005] Out-of-date .snap file prevents Eclipse from running
*   Lars Vogel <Lars.Vogel@vogella.com>
 - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
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*   bug 411098 - [compiler][resource] Invalid Resource Leak Warning using ternary operator inside try-with-resource
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/permadmin/SecurityAdmin.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/launch/Equinox.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/CompletionUnitStructureRequestor.java
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*   Dan Rubel <dan_rubel@instantiations.com> - Implementation of getLocalTimeStamp
*   Red Hat Incorporated - get/setResourceAttribute code
*   Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*   Holger Oehm <holger.oehm@sap.com> - [226264] race condition in
Workspace.isTreeLocked()/setTreeLocked()
*   Martin Oberhuber (Wind River) - [245937] ProjectDescription#setLinkLocation() detects non-change
 *   Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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```
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*           bug 185682 - Increment/decrement operators mark local variables as read
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 368546 - [compiler][resource] Avoid remaining false positives found
 when compiling the Eclipse SDK
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first
field
*       Bug 458396 - NPE in CodeStream.invoke()
*     Jesper S Moller - Contributions for
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*********************************************************************************/
```

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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/MementoTokenizer.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/PackageVisibilityStatement.java
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*   Erling Ellingsen - patch for bug 125570
*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*   Sebastian Zarnekow - Contribution for
*   Bug 544921 - [performance] Poor performance with large source files
**/

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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 292478 - Report potentially null across variable assignment
*   bug 332637 - Dead Code detection removing code that isn't dead
*   bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*   Bug 411964 - [1.8][null] leverage null type annotation in foreach statement

```
*       Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
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*       Bug 458396 - NPE in CodeStream.invoke()
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/PolymorphicMethodBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/index/JavaIndexer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IBootstrapMethodsAttribute.java

*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/BootstrapMethodsAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/BootstrapMethodsEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/JarIndexLocation.java
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*   Stephan Herrmann - contribution for bug 337868 - [compiler][model] incomplete support for package-info.java
when using SearchableEnvironment
*   Microsoft Corporation - contribution for bug 575562 - improve completion search performance
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/namespace/HostNamespace.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/namespace/NativeNamespace.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/namespace/IdentityNamespace.java
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*   Terry Parker <tparker@google.com> - DeltaProcessor exhibits O(N^2) behavior, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=354332
*   Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
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*   Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/namespace/ExecutionEnvironmentNamespace.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/Namespace.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/namespace/PackageNamespace.java
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 433478 - [compiler][null] NPE in ReferenceBinding.isCompatibleWith
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099
 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 412076 - [compiler] @NonNullByDefault doesn't work for varargs parameter when in generic interface
*   Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument
annotations
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 416175 - [1.8][compiler][null] NPE with a code snippet that used null annotations on wildcards
*   Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 400874 - [1.8][compiler]
 Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 425278 - [1.8][compiler] Suspect error: The target type of this expression is not a well formed parameterized
type due to bound(s) mismatch
*   Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*   Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument
*   Bug 426792 - [1.8][inference][impl] generify new type inference engine

* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
* Bug 390064 - [compiler][resource] Resource leak warning missing when extending parameterized class
* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/SystemBundleLoader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/AliasMapper.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/ServiceProperties.java
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*   Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*       Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*       Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
*                 Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                 Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                 Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
*                 Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
```

* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator
* Bug 415470 - [1.8][compiler] Type annotations on class declaration go vanishing
* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
* Bug 434556 - Broken class file generated for incorrect annotation usage
* Bug 442416
 - $deserializeLambda$ missing cases for nested lambdas
* Stephan Herrmann - Contribution for
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Olivier Tardieu tardieu@us.ibm.com - Contributions for
* Bug 442416 - $deserializeLambda$ missing cases for nested lambdas
**********/

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* Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/InternalExtendedCompletionContext.java
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*     Isberg       initial implementation
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*     Gunnar Wagenknecht - Bug 179695 - [prefs] NPE when using Preferences API without a product
*     Thirumala Reddy Mutchukota, Google Inc - Bug 380859 - [prefs] Inconsistency between DefaultPreferences
and InstancePreferences
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*     Jesper Steen Møller <jesper@selskabet.org> - contributions for:
*         Bug 531046: [10] ICodeAssist#codeSelect support for 'var'
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/SelectionEngine.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionParser.java

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*     Stephan Herrmann - Contribution for
*       bug 393719 - [compiler] inconsistent warnings on iteration variables
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*   Stephan Herrmann - Contribution for
*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CancelableNameEnvironment.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/URLStreamHandlerFactoryImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/TableWriter.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/messages/Msg.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/container/ComputeNodeOrder.java
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*   bug 282152 - [1.5][compiler] Generics code rejected by Eclipse but accepted by javac
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 395002 - Self bound generic class
 doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 426792 - [1.8][inference][impl] generify new type inference engine
*   Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*   Bug 431269 - [1.8][compiler][null] StackOverflow in nullAnnotatedReadableName
*   Bug 431408 - Java 8 (1.8) generics bug
*   Bug 435962 - [RC2] StackOverFlowError when building
*   Bug
 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 438250 - [1.8][null] NPE trying to report bogus null annotation conflict
*   Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
*   Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*   Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*   Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
*   Bug 456459 - Discrepancy between Eclipse compiler and javac - Enums, interfaces, and generics
*   Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*   Bug 462790 - [null] NPE in Expression.computeConversion()
 *   Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
*   Jesper S Møller <jesper@selskabet.org> - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*   Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**/

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*          Bug 320618 - inconsistent initialization of classpath container backed by external class folder
*          Bug 346010 - [model] strange initialization dependency in OptionTests
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*/
/**
  * Test if a given requirement should be wired in the resolve operation. If
  * this method returns {@code false}, then the resolver should ignore this
  * requirement during the resolve operation.
  *
  * <p>
  * The primary use case for this is to test the {@code effective} directive
  * on
 the requirement, though implementations are free to use any effective
  * test.
  *
```

```
 * @param requirement The Requirement to test. Must not be {@code null}.
 * @return {@code true} if the requirement should be considered as part of
 *         the resolve operation.
 */
```

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*          bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*       bug 388954 - [1.8][compiler] detect default methods in class files
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs
 to be declared abstract
*       bug 390883 - [1.8][compiler] Unable to override default method
*       bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*       bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*       bug 406928 - computation of inherited methods seems damaged (affecting @Overrides)
*       bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*       Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*******************************************************************************/
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*   IBM Corporation - initial API and implementation
*   James Blackburn (Broadcom Corp.) - Bug 311863 Ordered Lock lost after interrupt
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*        bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Jesper Steen Moller - Contributions for
*        Bug 412150 [1.8] [compiler]
 Enable reflected parameter names during annotation processing
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*   Julian Chen - fix for bug #92572, jclRM
*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
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*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support

```
*     Markus Schorn (Wind River) - [306575] Save snapshot location with project
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
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*     Andrey Loskutov <loskutov@gmx.de> - bug 484014
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* Heavily based on LocalVariableTable
* **/

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*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*          Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/CapabilityDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/wiring/dto/BundleRevisionDTO.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/startlevel/dto/BundleStartLevelDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/WireDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/ResourceDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/WiringDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/RequirementDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/startlevel/dto/package-info.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/startlevel/dto/FrameworkStartLevelDTO.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/dto/package-info.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/EvaluationResult.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IPackageDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/EntryResult.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ExternalPackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/GlobalVariable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/LongConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ShortConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportContainer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/RemoveFolderFromIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnPackageReference.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportDeclarationElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/FloatConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeNameMatch.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/Constant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IBuffer.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageReferencePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/StringOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/BooleanConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/BufferChangedEvent.java
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*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeParameterLocator.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/IntConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ChangeClasspathOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/AnnotatableInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/OS.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/CharConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/DoubleConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/BlobStore.java
*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageReferenceLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AdditionalTypeCollection.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnPackageReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AccessRuleSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeNameRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceElementRequestorAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/StringConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ILocalVariable.java
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArgumentExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/Document.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentExtension2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DefaultPositionUpdater.java
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*     Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*     Jesper S Moller  -. Contribution for bug 400830: [1.8][formatter] Code formatter for Java 8
*******************************************************************************/
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*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*         bug 382353 - [1.8][compiler] Implementation property modifiers should
 be accepted on default methods.
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*         Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*         Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*         Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*         bug 378674 - "The method can be declared as static" is wrong
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*     IBM Corporation - Code review and integration
*     IBM Corporation - Fix for 340181
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/GuardedPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractTagElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocScanner.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/JavaDocRegion.java
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```
*       bug 401035 - [1.8] A few tests have started failing recently
*     Jesper Steen Møller - Contributions for
*                         bug 529552 - [18.3] Add 'var' in completions
*                         Bug 529556 - [18.3] Add content assist support for 'var' as a type
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionParser.java
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*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 422796 - [compiler][null] boxed boolean reported as potentially null after
 null test in lazy disjunction
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AND_AND_Expression.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleDatabase.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleContainerAdaptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/builders/OSGiManifestBuilderFactory.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/DTOBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleContainer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/container/Capabilities.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/container/InternalUtils.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/EquinoxEventPublisher.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/EquinoxContainerAdaptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/OSGiFrameworkHooks.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleResolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/EquinoxBundle.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleRevisionBuilder.java
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* variant of Aspects in the aspectj5rt project - this one isn't Java5   - Andy Clement
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/undo/IDocumentUndoManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/undo/UndoMessages.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/undo/DocumentUndoEvent.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/RewriteSessionEditProcessor.java
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*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*        Bug 417295 - [1.8[[null] Massage type annotated
 null analysis to gel well with deep encoded type bindings.
*        Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterizedMethodBinding.java
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*    tyeung@bea.com - initial API and implementation
*    IBM Corporation - implemented methods from IBinding
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*     IBM Corporation - initial API and implementation
*     Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
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*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
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*     Hannes Wellmann - Bug 577432 - Speed up and improve file processing in Storage
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
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*   Jesper Steen Moller - Contributions for
*   bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code

```
*     Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
*     Mateusz Matela
 <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
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*          bug 349326 - [1.7] new warning for missing try-with-resources
*          bug 186342 - [compiler][null] Using annotations for null checking
*          bug 364890 - BinaryTypeBinding should use char constants from Util
*          bug 365387 - [compiler][null] bug 186342: Issues to follow up post review and verification.
*          bug 358903 - Filter practically unimportant resource leak warnings
*          bug
 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*          bug 388800 - [1.8][compiler] detect default methods in class files
*          bug 388281 - [compiler][null] inheritance of null annotations as an option
*          bug 331649 - [compiler][null] consider null annotations for fields
*          bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*          Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*          Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*          Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*          Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*          Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*          Bug 392245 - [1.8][compiler][null] Define whether
 / how @NonNullByDefault applies to TYPE_USE locations
*          Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*          Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*          Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*          Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
```

```
*       Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
*       Bug 454182 - Internal compiler error when using
 1.8 compliance for simple project
*       Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
*       Bug 447661 - [1.8][null] Incorrect 'expression needs unchecked conversion' warning
*    Jesper Steen Moller - Contributions for
*       Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*    Sebastian Zarnekow - Contributions for
*       bug 544921 - [performance] Poor performance with large source files
*    Alexander Lehmann - Contributions for
*       bug 566258 - Intermittent NPE in APT RoundDispatcher
**********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BinaryTypeBinding.java
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*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contributions for
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 382354 - [1.8][compiler] Compiler silent on conflicting modifier
*       bug 401030 - [1.8][null] Null analysis support for lambda methods.
*       Bug
 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MethodScope.java

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```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/service/EventHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/condpermadmin/ConditionalPermissionUpdate.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/hooks/service/FindHook.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ArgNameFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/reflect/ReflectionWorld.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 292478 - Report potentially null across variable assignment
*   bug 335093 - [compiler][null] minimal hook for future null annotation support
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *   Bug 430150 - [1.8][null] stricter checking against type variables
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Jesper S Moller - Contributions for
*   Bug 378674 - "The method can be declared as static" is wrong
*   Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*   Bug 529556 - [18.3] Add content assist support for 'var' as a type
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*   Bug 426616 - [1.8][compiler] Type Annotations, multiple problems
**/

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* Contributors:
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug

400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 426792 - [1.8][inference][impl] generify new type inference engine
* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 431581 - Eclipse compiles what it should not
* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 446442 - [1.8] merge null annotations from
super methods
* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error
messages
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
* Jesper S Moller - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
* bug 386692 - Missing "unused" warning on "autowired" fields
* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
* Sebastian Zarnekow - Contributions
for
* bug 544921 - [performance] Poor performance with large source files
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*     IBM Corporation - initial API and implementation
*     Stephan Wahlbrink  - Fix for bug 200997.
*     Danail Nachev - Fix for bug 109898
*     Mike Moreaty - Fix for bug 289790
*     Oracle Corporation - Fix for bug 316839
*     Thirumala Reddy Mutchukota (thirumala@google.com) -
*             Bug 432049, JobGroup API and implementation
*             Bug 105821, Support for Job#join with timeout and progress monitor
*     Jan Koehnlein - Fix for bug 60964 (454698)
*     Terry Parker - Bug
 457504, Publish a job group's final status to IJobChangeListeners
*     Xored Software Inc - Fix for bug 550738
*     Christoph Laeubrich - remove deprecated API
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ExecutableTypeImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/location/LocationHelper.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/signedcontent/SignedContentFromBundleFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FakeDefaultLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/signedcontent/BundleToJarInputStream.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocModuleReference.java
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*   Stephan Herrmann - Contributions for
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 387612 - Unreachable catch block...exception is never thrown from the try
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

* bug 401456 - Code compiles from javac/intellij, but fails from eclipse
* bug 401271 - StackOverflowError
when searching for a methods references
* bug 405706 - Eclipse compiler fails to give compiler error when return type is a inferred generic
* Bug 408441 - Type mismatch using Arrays.asList with 3 or more implementations of an interface with the interface type as the last parameter
* Bug 413958 - Function override returning inherited Generic Type
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler]
Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 426589 - [1.8][compiler] Compiler error with generic method/constructor invocation as vargs argument
* Bug 426590 - [1.8][compiler] Compiler error with tenary operator
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 426998 - [1.8][compiler] method(java.lang.Class, java.lang.String) not applicable for the arguments (java.lang.Class, java.lang.String)
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
* Bug
427728 - [1.8] Type Inference rejects calls requiring boxing/unboxing
* Bug 427218 - [1.8][compiler] Verify error varargs + inference
* Bug 426836 - [1.8] special handling for return type in references to method getClass()?
* Bug 427628 - [1.8] regression : The method * is ambiguous for the type *
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type Bindings
* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
* Bug 428811 - [1.8][compiler] Type witness unnecessarily required
* Bug 429424 - [1.8][inference] Problem inferring type of method's parameter
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 452194 - Code no longer compiles in 4.4.1, but with confusing error
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 456236 - [1.8][null] Cannot infer type when constructor argument is annotated with @Nullable
* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
* Bug 462083 - [1.8][inference] Java 8 generic return type mismatch with interface involving type parameter.

*   Jesper S Moller - Contributions for
*   Bug 378674 - "The method can be declared as static" is wrong
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Andy Clement (GoPivotal, Inc)
 aclement@gopivotal.com - Contributions for
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*   Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*   Bug 559618 - No compiler warning for import from same package
*   Bug 560630 - No warning on unused import on class from same package
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*   Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*   Stephan Herrmann - Contribution for
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 429958
 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 440462 - [null][compiler]NPE in EJC for erroneous null annotations
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
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/**
  * Returns the classpath entry that is making a reference to this classpath entry. For entry kinds
  * {@link #CPE_LIBRARY}, the return value is the entry that is representing the JAR that includes
  * <code>this</code> in the MANIFEST.MF file's Class-Path section. For entry kinds other than
  * {@link #CPE_LIBRARY}, this returns <code>null</code>. For those entries
 that are on the raw classpath already,
  * this returns <code>null</code>.
  * <p>
  * It is possible that multiple library entries refer to the same entry
  * via the MANIFEST.MF file. In those cases, this method returns the first classpath entry
  * that appears in the raw classpath. However, this does not mean that the other referencing
  * entries do not relate to their referenced entries.
  * See {@link JavaCore#getReferencedClasspathEntries(IClasspathEntry, IJavaProject)} for
  * more details.
  * </p>
  *
  * @return the classpath entry that is referencing this entry or <code>null</code> if
  *   not applicable.
  * @since 3.6
  */
```

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*     Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
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*     Hannes Wellmann - Bug 577497 - Support version-specific entries in dev-classPath file
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/MethodParametersAttribute.java
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427, 483862
***/

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*     Andy Clement    Extensions for better IDE representation
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*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Stephan Herrmann - Contribution for
*   bug 401030 - [1.8][null] Null analysis support for lambda methods.
*   Bug 392099
 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*   Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*   Bug 426563 - [1.8] AIOOBE when method with error
 invoked with lambda expression as argument
*   Bug 420525 - [1.8] [compiler] Incorrect error "The type Integer does not define sum(Object, Object) that is applicable here"
*   Bug 427438 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*   Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
*   Bug 428786 - [1.8][compiler] Inference needs to compute the "ground target type" when reducing a lambda compatibility constraint
*   Bug 428980 - [1.8][null] simple expression as lambda body doesn't leverage null annotation on argument
*   Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)

```
*       Bug 432110 - [1.8][compiler] nested lambda type incorrectly inferred vs javac
*       Bug 438458 - [1.8][null] clean up handling of null type annotations
 wrt type variables
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Bug 463728 - [1.8][compiler][inference] Ternary operator in lambda derives wrong type
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
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*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocSingleTypeReference.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/ValidateAtAspectJAnnotationsVisitor.java
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*   Tal Lev-Ami - added package cache for zip files
*   Stephan Herrmann - Contribution for
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/osgi/OSGIUtils.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/MetaDataKeeper.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistrySupport.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryObjectFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/BufferedRandomInputStream.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/dynamichelpers/IFilter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/IContentTypeMatcher.java
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*     Baltasar Belyavsky (Texas Instruments) - [361675] Order mismatch when saving/restoring workspace trees
*     Broadcom Corporation - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********************************************************************************/
```

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*      Stephen Herrmann <stephan@cs.tu-berlin.de> -  Contributions for
*        bug 317046 - Exception during debugging when hover mouse over a field
*        bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class
 files
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*        Bug 424712 - [1.8][compiler] NPE in TypeBinding.isProvablyDistinctTypeArgument
*        Bug 426792 - [1.8][inference][impl] generify new type inference engine
*        Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
*        Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*        Bug 427626 - [1.8] StackOverflow while typing new ArrayList<String>().toArray( and asking for code completion
 *        Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*        Bug 435962 - [RC2] StackOverFlowError when building
*        Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*        Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*        Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*        Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
```

```
*      Jesper S Moller <jesper@selskabet.org> -  Contributions for
*        bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*        bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
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*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
* Francis Lynch (Wind River) - [301563] Save and load tree snapshots
* Martin Oberhuber (Wind River) - [306575] Save snapshot location with project
* Mikael Barbero (Eclipse Foundation) - [286681] handle WAIT_ABANDONED_0 return value
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*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*   Martin Oberhuber (Wind River) - [292267] OutOfMemoryError due to leak in UnifiedTree
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*   Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
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*   Martin Oberhuber (Wind River) - [245937] setLinkLocation() detects non-change

```
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*     Markus Schorn (Wind River) - [306575] Save snapshot location with project
*     Broadcom Corporation - build configurations and references
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/SystemBundleActivator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/URLStreamHandlerProxy.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/eventmgr/ListenerQueue.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/PermissionData.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/ContentHandlerProxy.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/Agent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/DefaultMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/definition/Definition.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/ConcreteAspectCodeGen.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/annotation/DeclareAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/loadtime/Aj.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelAccessForInlineMunger.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 185682 - Increment/decrement operators mark local variables as read

* bug 331649 - [compiler][null] consider null annotations for fields
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 447088 - [null] @Nullable on fully qualified field type is ignored
* Bug 435805 - [1.8][compiler][null]
Java 8 compiler does not recognize declaration style null annotations
* Bug 458396 - NPE in CodeStream.invoke()
* Bug 446217 - [null] @NonNullByDefault in package-info.java causes bogus "null type safety" warning
* Till Brychcy - Contribution for
* bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/QualifierQuery.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/IndexQualifier.java
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* Contributors:
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   bug 407191 - [1.8] Binary access support for type annotations
*   Stephan Herrmann - Contribution for
*   Bug 440474 - [null] textual encoding of external null annotations
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryType.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyBinaryType.java
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*   Thomas Wolf (Paranor AG) -- optimize assembleWith
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryTypeDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/UnindexedSearchScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryTypeFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/BinaryTypeFormatter.java
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*     Stephan Herrmann - Contribution for
*        bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 370930 - NonNull annotation not considered for enhanced for loops
*        bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 393719 - [compiler] inconsistent warnings
 on iteration variables
*        Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*        Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*     Jesper S Moller -  Contribution for
*        bug 401853 - Eclipse Java compiler creates invalid bytecode (java.lang.VerifyError)
*                             bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ForeachStatement.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
*                       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*       Stephan Herrmann - Contribution for
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8
 18.x (Part G of JSR335 spec)
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetMessageSend.java
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*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
```

```
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop
 with close in try/catch
**********************************************************************************/
```

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*     IBM Corporation - initial API and implementation
*     Sebastian Davids: sdavids@gmx.de - see bug 25376
*     Jeremie Bresson <jbr@bsiag.com> - Allow to specify format for date variable - https://bugs.eclipse.org/75981
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 486903, 487327, 487901
*******************************************************************************/
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*     Christoph Läubrich - remove reference to InternalPlatform.getDefault().log
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SyncInfoWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SafeFileTable.java
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 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/ResourceDeltaInfo.java
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/UnfilteredServiceListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/Requirement.java

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*     IBM Corporation - initial API and implementation
*     Vladimir Piskarev <pisv@1c.ru> - Building large Java element deltas is really slow -
https://bugs.eclipse.org/443928
*     Vladimir Piskarev <pisv@1c.ru> - F_CONTENT sometimes lost when merging deltas -
https://bugs.eclipse.org/520336
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/url/URLStreamHandlerSetter.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/startlevel/FrameworkStartLevel.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/url/URLConstants.java
*
/aspectjtools-1-9-9-1-sources-jar/org/osgi/service/startlevel/StartLevel.java

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerAttributeMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/WorkspaceDescriptionReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SyncInfoReader_3.java
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 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/ProjectInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SyncInfoSnapReader_3.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SyncInfoReader_2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/WorkManager.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/ResourceChangeEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/Synchronizer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/NatureManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/ElementTree.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/Container.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerTypeDefinitionCache.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/log/EquinoxLogWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Annotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Comment.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MemberValuePair.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SingleMemberAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NormalAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/CompletionProposal.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/PrototypeServiceFactoryUse.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeBindingVisitor.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 474276
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/IJobFunction.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*  Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
*******************************************************************************/
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* Contributors:
*     John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ConflictIdentifier.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnAnnotationMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathAttribute.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnBreakStatement.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMemberValueName.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnStringLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DocumentAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/IModelProviderDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeParameterDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/IRegistryConstants.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/AssistNodeParentAnnotationArrayInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeParameterReferenceMatch.java
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*   bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with

generics (RuntimeException instead of IOException)
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/TerminalTokens.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionNodeDetector.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTNode.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionJavadocParser.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionJavadocParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AST.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocTagConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/AbstractCommentParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CaseStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultASTVisitor.java
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*   Brock Janiczak   - Contribution for bug 150741
*   Ray V. (voidstar@gmail.com) - Contribution for bug 282988
*   Jesper S Moller - Contribution for bug 402173
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/formatter/DefaultCodeFormatterConstants.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - inconsistent initialization of classpath container backed by external class folder, see https://bugs.eclipse.org/320618
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Contribution to bug: https://bugs.eclipse.org/bugs/show_bug.cgi?id=411423
*   Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches - https://bugs.eclipse.org/421165
*   Andrey Loskutov <loskutov@gmx.de>
 - ExternalFoldersManager.RefreshJob interrupts auto build job - https://bugs.eclipse.org/476059
**********/

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*   Lars Vogel <Lars.Vogel@gmail.com> - Adds generic type arguments https://bugs.eclipse.org/412836
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 417758 - [1.8][null] Null safety compromise during array creation.
*   Bug
 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ArrayAllocationExpression.java
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*     Stephan Herrmann - Contributions for
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 367203 - [compiler][null] detect assigning null to nonnull argument
*        bug 365519 - editorial cleanup after bug 186342 and bug 365387
*        bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *        bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        bug 401030 - [1.8][null] Null analysis support for lambda methods.
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*        Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument
annotations
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*        Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*        Bug
 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*        Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
**********************************************************************************/
```

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*     Mik Kersten   port to AspectJ 1.1+ code base
* ********************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajdoc/Config.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajdoc/Main.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajdoc/StubFileGenerator.java

*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajdoc/JavadocRunner.java
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*     Gunnar Wagenknecht <gunnar@wagenknecht.org> - Fix for bug 265445
*     Benjamin Cabe <benjamin.cabe@anyware-tech.com> - Fix for bug 265532
*     Lars Vogel<Lars.Vogel@vogella.com> - Bug 478768
*******************************************************************************/
/**
  * Returns the location of the platform working directory.
  * <p>
  * Callers of this method should consider using <code>getInstanceLocation</code>
  * instead.  In
 various, typically non IDE-related configurations of Eclipse, the platform
  * working directory may not be on the local file system.  As such, the more general
  * form of this location is as a URL.
  * </p><p>
  * Alternatively, instead of calling <code>getInstanceLocation</code> clients are
  * able to acquire the {@link Location} service (with the type {@link Location#INSTANCE_FILTER})
  * and then change the resulting URL to a path. See the javadoc for <code>getInstanceLocation</code>
  * for more details.
  * </p>
  * @return the location of the platform
  * @see #getInstanceLocation()
  */
```

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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] IndexOutOfBoundsException in TokenManager - https://bugs.eclipse.org/462945
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
*   IBM Corporation - DOM AST changes for JEP 354
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*   IBM Corporation - initial API and implementation
*   Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaCorePreferenceInitializer.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ModuleInfo.java
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*     Stephan Herrmann - Contribution for
*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CombinedBinaryExpression.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/FilterDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/BundleDefaultPreferences.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AptSourceLocalVariableBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/BundleDefaultsScope.java
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
*   Mikael Barbero (Eclipse Foundation) - 286681 handle WAIT_ABANDONED_0 return value
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/refresh/win32/Win32Monitor.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Jesper S Moller - Bug 392671
*   NPE with a method with explicit this and a following incomplete parameter
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredMethod.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/cds/CDSHookImpls.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/cds/CDSHookConfigurator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/cds/CDSBundleFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/cds/CDSBundleEntry.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method
*   Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*
*   Stephan Herrmann - Contribution for
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 427438 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetAllocationExpression.java
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* **/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/HasMemberTypePatternForPerThisMatching.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/url/bundleresource/Handler.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/ManifestLocalization.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/NamedMember.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BindingComparator.java
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```
*     Stephan Wahlbrink  - Fix for bug 200997.
*     Thirumala Reddy Mutchukota (thirumala@google.com) -
*       Bug 432049, JobGroup API and implementation
*       Bug 105821, Support for Job#join with timeout and progress monitor
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/jobs/InternalJob.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/report/resolution/ResolutionReport.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/hookregistry/BundleFileWrapperFactoryHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/namespaces/EclipsePlatformNamespace.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/hookregistry/ActivatorHookFactory.java
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*     Jan-Ove Weichel (janove.weichel@vogella.com) - bug 474359
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*        Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
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Found in path(s):
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*     Julian Chen - fix for bug #92572, jclRM
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*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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/**
  * Framework launching property specifying the persistent storage area used
  * by the framework. The value of this property must be a valid file path in
  * the file system to a directory. If the specified directory does not exist
  * then the framework will create the directory. If the specified
 path
  * exists but is not a directory or if the framework fails to create the
  * storage directory, then framework initialization must fail. The framework
  * is free to use this directory as it sees fit. This area can not be shared
  * with anything else.
  * <p>
  * If this property is not set, the framework should use a reasonable
  * platform default for the persistent storage area.
  *
  * @since 1.5
  */
/**
  * Intent supported by Remote Service implementation that provide
  * confidential communications as defined for the {@code osgi.confidential}
  * intent.
  *
  * @since 1.9
  */
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/Constants.java
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*     IBM Corporation - added support for requesting updates of a particular
*                       container for generic container operations.
*       - canUpdateClasspathContainer(IPath, IJavaProject)
*       - requestClasspathContainerUpdate(IPath, IJavaProject, IClasspathContainer)
*     IBM Corporation - allow initializers to provide a readable description
*                       of a container reference, ahead of actual resolution.
*
       - getDescription(IPath, IJavaProject)
*******************************************************************************/
```

Found in path(s):
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*    Stephan Herrmann - Contribution for
*        Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*        Bug 462025 - [null][test] create tests for manipulating external null annotations
*******************************************************************************/
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*     IBM Corporation - initial API and implementation
*     Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/BrowserRuntimeProperties.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/BrowserMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaBuildOptions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/core/BrowserOutputLocationManager.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/internal/AjdeCoreBuildManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/ui/swing/MessageHandlerPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaComplianceOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/IUIBuildMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/IBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/core/BrowserBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/JavaOptions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/internal/AjdeCoreMessageHandlerAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaOtherOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/core/BrowserErrorHandler.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/core/PreferenceStoreConstants.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/IBuildMessageHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaDebugOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/AjCompiler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/tools/ajbrowser/core/BrowserCompilerConfiguration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/core/ICompilerConfiguration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaCompilerWarningsOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajde/IRuntimeProperties.java
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*   het@google.com - Bug 441790
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/AnnotationValueImpl.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/jobs/InternalJobGroup.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/JobGroup.java

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*
* Contributors:
*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/TokenTraverser.java
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*        bug 383368 - [compiler][null] syntactic null analysis for field references
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NullLiteral.java
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*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntersectionCastTypeReference.java
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/application/ApplicationException.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterReturningAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/CflowPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/core/dom/AjASTConverterFactory.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NotPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterThrowingAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/InterTypeMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/OrPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ReferencePointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/InterTypeFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BeforeAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AndPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AjTypeDeclaration.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AroundAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PerObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PerCflow.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultPointcut.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/core/dom/AjTypeDeclFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PointcutDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PerTypeWithin.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/PointcutDesignator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AspectDeclaration.java
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetReturnStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetSuperReference.java

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*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
*        Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*        Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*        Bug 425783 - An
 internal error occurred during: "Requesting Java AST from selection". java.lang.StackOverflowError
*        Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*        Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
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```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/RawTypeBinding.java
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*   Semion Chichelnitsky (semion@il.ibm.com) - bug 208564
*   Jan-Ove Weichel (janove.weichel@vogella.com) - bug 474359
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```
*/
/**
 * Creates a new {@code PackagePermission} object.
 *
 * <p>
 * The name is specified as a normal Java package name: a dot-separated
 * string. Wildcards may be used.
 *
 * <pre>
 * name ::= &lt;package name&gt; | &lt;package name ending in &quot;.*&quot;&gt; | *
 * </pre>
 *
 *
 Examples:
 *
 * <pre>
 * org.osgi.service.http
 * javax.servlet.*
 * *
 * </pre>
 *
 * For the {@code import} action, the name can also be a filter expression.
 * The filter gives access to the following attributes:
 * <ul>
 * <li>signer - A Distinguished Name chain used to sign the exporting
 * bundle. Wildcards in a DN are not matched according to the filter string
 * rules, but according to the rules defined for a DN chain.</li>
 * <li>location - The location of the exporting bundle.</li>
 * <li>id - The bundle ID of the exporting bundle.</li>
 * <li>name - The symbolic name of the exporting bundle.</li>
 * <li>package.name - The name of the requested package.</li>
 * </ul>
 * Filter attribute names are processed in a case sensitive manner.
 *
 * <p>
 * Package Permissions are granted over all possible versions of a package.
 *
 * A bundle that needs to export a package must have the appropriate
 * {@code PackagePermission} for that package; similarly,
a bundle that
 * needs to import a package must have the appropriate
 * {@code PackagePermssion} for that package.
 * <p>
 * Permission is granted for both classes and resources.
 *
 * @param name Package name or filter expression. A filter expression can
 *        only be specified if the specified action is {@code import}.
 * @param actions {@code exportonly},{@code import} (canonical order).
```

```
 * @throws IllegalArgumentException If the specified name is a filter
 *         expression and either the specified action is not {@code import}
 *         or the filter has an invalid syntax.
 */
```

Found in path(s):
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*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryAnnotation.java

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/internal/RelationshipMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/asm/IHierarchy.java
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*   Bug 378674 - "The method can be declared as static" is wrong
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*   bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code

```
*       bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*       bug 421543 - [1.8][compiler] Compiler fails to recognize default method being turned into abstract by subtytpe
*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement
 code generation infrastructure for JSR335
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
*                     Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                     Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*                     Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*                     Bug 449467 - [1.8][compiler] Invalid lambda deserialization with anonymous class
*       Olivier Tardieu (tardieu@us.ibm.com) - Contributions for
*                     Bug 442418 - $deserializeLambda$ off-by-one error when deserializing the captured arguments
 of a lambda that also capture this
**********************************************************************************/
```

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*    tyeung@bea.com - initial API and implementation
*    IBM Corporation - implemented methods from IBinding
*    IBM Corporation - renamed from ResolvedMemberValuePair to MemberValuePairBinding
*    jgarms@bea.com - Fix for IllegalStateException
*    IBM Corporation - Fix for 223225
*******************************************************************************/
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* Contributors:
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*   Stephan Herrmann - Contribution for
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeBinding.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/prefs/PreferencesService.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/prefs/BackingStoreException.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/service/prefs/Preferences.java
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*
* Contributors:

```
*    Andy Clement - initial API and implementation
**********************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/PoliceExtensionUse.java
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* Contributors:
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/CharsetDeltaJob.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ResourceTraversal.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ResourceMapping.java
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* Contributors:
*     Serge Beauchamp(Freescale Semiconductor) - initial API and implementation
*     IBM Corporation - ongoing development
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/filtermatchers/AbstractFileInfoMatcher.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Julian Chen - fix for bug #92572, jclRM
*     Benjamin Cabe <benjamin.cabe@anyware-tech.com> - fix for bug 265532
*     Christoph Läubrich - remove InternalPlatform.getDefault().log (bug 55083)
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/InternalPlatform.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/Proceed.java
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```
*
* Contributors:
*     IBM Corporation - initial API and implementation
*     Martin Oberhuber (Wind River) - [210664] descriptionChanged(): ignore LF style
*     Martin Oberhuber (Wind River) - [233939] findFilesForLocation() with symlinks
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*                              - [462440] IFile#getContents methods should specify the status codes for its exceptions
*
    Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Karsten Thoms <karsten.thoms@itemis.de> - Bug 521500
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/FileSystemResourceManager.java
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*  Contributors:
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 527657
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceChangeListener.java
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* Contributors:
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```

```
*     Stephan Herrmann - Contributions for
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up
 of bug 401088: Missing warning about redundant null check
*       Bug 440282 - [resource] Resource leak detection false negative with empty finally block
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Block.java
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*
* Contributors:
*     IBM Corporation - initial API and implementation
*     Terry Parker <tparker@google.com> (Google Inc.)  https://bugs.eclipse.org/365499
*     Stephan Herrmann - Contribution for
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelCache.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Martin Oberhuber (Wind River) - [105554] handle cyclic symbolic links
```

```
*     Martin Oberhuber (Wind River) - [232426] shared prefix histories for symlinks
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Martin Oberhuber (Wind River) - [292267] OutOfMemoryError due to leak in UnifiedTree
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
 *     Sergey Prigogin (Google) -  ongoing development
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/UnifiedTree.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/eventmgr/CopyOnWriteIdentityMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/eventmgr/EventListeners.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/AnnotationGen.java
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Found in path(s):

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnExplicitConstructorCall.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/IntegerCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/SubRoutineStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ClassFormatException.java
*
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IDependent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnImportReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AnnotationHolder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/TrackedNodePosition.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/InnerClassesAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceRefElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/NodeRewriteEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfInt.java
*
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ICodeAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/FieldPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/MissingSourceFileException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CommitWorkingCopyOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DefaultWorkingCopyOwner.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/ShouldNotImplement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SecondaryTypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ImportConflictBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/AnnotationDefaultAttribute.java
*
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnExplicitConstructorCall.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IProblemFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ElementCache.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IExceptionAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/jdom/DOMException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/ISearchRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/FloatCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/EnclosingMethodAttribute.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/eval/GlobalVariableWrapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/PostfixExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceFieldWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IStackMapTableAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SignatureAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/Label.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMImport.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateTypeHierarchyOperation.java
*
/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocFieldReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/IndexQueryRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMMember.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ClassFileStruct.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/LocalVariableReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IBufferChangedListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ExceptionAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IBufferFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeSearcher.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/AbortCompilation.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnFieldName.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/OpcodeStringValues.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/MemberElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AccessRule.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ISourceAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IDebugRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/DoubleCache.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/HashtableOfArrayToObject.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ToStringSorter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ConfigurationElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BufferFactoryWrapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ExceptionTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotationComponent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnFieldType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/PackageDeclarationMatch.java

* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMethodTypeParameter.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SimpleLookupTable.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantValueAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceImport.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/PrefixExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ILineNumberAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CharLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMInitializer.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnLocalName.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetCompiler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportContainerInfo.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/TypeNameRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/VerboseElementCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/HashSetOfCharArrayArray.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IExtensionPoint.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IOpcodeMnemonics.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnFieldType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ISourceRange.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IProblemRequestor.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/RenameResourceElementsOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/MemoryIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExtendedStringLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/LocalVariableDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IConfigurationElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/CaseLabel.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/AbortMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SimpleSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/CharArrayBuffer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IInnerClassesAttribute.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeNameMatchRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMethodReturnType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/IJavaSearchResultCollector.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ICompletionRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ICodeCompletionRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocAllocationExpression.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredImport.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IClassFileAttribute.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/AbortType.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/InstallException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/StackMapTableAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/SourceRange.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/StringLiteralConcatenation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LineNumberAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ExternalJavaProject.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TrueLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ClassFileAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IDocumentElementRequestor.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchTypeNameMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/ReadWriteMonitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/RangeUtil.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/HashSetOfArray.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ASTNodeFinder.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToIntArray.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/NLSTag.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantValueAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/TokenScanner.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnClassLiteralAccess.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/LongCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/StackMapFrame.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/DeclarationOfReferencedTypesPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionNodeFound.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OperatorIds.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadoc.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InnerEmulationDependency.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IResourceDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SimpleWordSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ExtensionPoint.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnFieldReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SyntheticFieldBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/ITypeNameRequestor.java

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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocReturnStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/MemberValuePair.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ClasspathVariableInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IVerificationTypeInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IClassFileDisassembler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/SearchMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FalseLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexingParser.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionNodeFound.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Message.java
*
/aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfLong.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/NameSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/InnerClassesAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/FieldDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SourceFileAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceConstructorWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ICorrectionRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ClassFileBytesDisassembler.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathAccessRule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ClassFileStruct.java
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* /aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableTypeTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotationDefaultAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/AbortCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeDeclarationMatch.java
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/aspectjtools-1-9-9-1-sources-
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocParamNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableAttribute.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnImportReference.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMPackage.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/InnerClassInfo.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessTypeRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AddFolderToIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/InitializerWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ICompilerRequestor.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/MoveElementsOperation.java
* /aspectjtools-1-9-9-1-sources-
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SimpleDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/StringSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Annotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/EvaluationConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToInt.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateCompilationUnitOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfIntValues.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodDeclarationMatch.java
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/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ITypeHierarchyChangedListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/MagicLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ILineTracker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ICodeFormatter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotationComponentValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IStackMapAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IInnerClassesAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/InitializerElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BatchOperation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AccessRestriction.java
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/aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemFieldBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/RemoveFromIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ISourceManipulation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/QualifiedNameSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IFieldInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IExceptionTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/WorkQueue.java
*

/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/ObjectCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJarEntryResource.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArrayQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SyntheticArgumentBinding.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/StackMapAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionScanner.java
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*     IBM Corporation - initial API and implementation
*     Perry James - nullStatus method improvement (165346)
*     Stephan Herrmann - Contribution for
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OperatorExpression.java
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* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/signature/SignatureReader.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/MethodTooLargeException.java
*

/aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Edge.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/FieldWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/signature/SignatureWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/signature/SignatureVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/MethodVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/FieldVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ModuleVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Type.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/AnnotationWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Handle.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Attribute.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassTooLargeException.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/MethodWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/TypePath.java
*
/aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Context.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Frame.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/CurrentFrame.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/RecordComponentWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Constants.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassReader.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Opcodes.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ConstantDynamic.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/SymbolTable.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ClassVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ModuleWriter.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Label.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Symbol.java
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/aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/RecordComponentVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/Handler.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/AnnotationVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/TypeReference.java
* /aspectjtools-1-9-9-1-sources-jar/aj/org/objectweb/asm/ByteVector.java
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*   IBM Corporation - initial API and implementation

```
*     Christoph Läubrich - remove reference to InternalPlatform.getDefault().log
*******************************************************************************/
```

Found in path(s):
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* Contributors:
*    wharley@bea.com - initial API and implementation
*    philippe.marschall@netcetera.ch - Fix for 338370
*    IBM Corporation - Fix for validating relative name
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchFilerImpl.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Patrick Tasse - Add extra constructor to Path class (bug 454959)
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/Path.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IPath.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/commonMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TextTemplateMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/messages/ExternalMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/TextMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/messages.properties
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/undo/UndoMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/index/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/Messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/signedcontent/SignedContentMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/messages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/templates/TextTemplateMessages.properties
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/formatter/messages.properties
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/CharArrayMapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/CompressedWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/CharArrayMap.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/CompressedReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/CharDelegateMap.java
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*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
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*   Nieraj Singh
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractTypePattern.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryModuleDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IModularClassFile.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ModuleInfoBuilder.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryModuleFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ModuleEntryProcessor.java
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 435570 - [1.8][null] @NonNullByDefault
 illegally tries to affect "throws E"
*   Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*   Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

```
*                   Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/XMLWriter.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageDeclarationLocator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ILRUCacheable.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericType.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/HashtableOfStringAndInt.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ExtensionDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IExecutableExtension.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedSuperReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/RangeMarker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/SaveIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/SafeFileInputStream.java
*

/aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/MultiTextEdit.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/ReplaceEdit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/ISearchPattern.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AbortIncrementalBuildException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/MalformedTreeException.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/IJavaElementRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/IPathRequestor.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/Line.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/TreeIterationInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ITextStore.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSuperReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/IRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/INamingRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/InsertEdit.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/AbstractDataTree.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/CompletionRequestorAdapter.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/RegistryChangeEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/DeleteEdit.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/CopyingRangeMarker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ProblemFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/ILineStartFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ISynchronizable.java
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*   bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   bug
 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 416190 - [1.8][null]
 detect incompatible overrides due to null type annotations
*   Bug 424624 - [1.8][null] if a static-object with annotation @NonNull is used, a warning is shown
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*   Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
*   Bug 457079 - Regression: type inference
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*   Bug 455180 - IllegalStateException in AnnotatableTypeSystem.getRawType
*   Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
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*        Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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*        bug 363858 - [dom] early throwing of AbortCompilation causes NPE in CompilationUnitResolver
*        Bug 466279 - [hovering] IAE on hover when annotation-based null analysis is enabled
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```
*     Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
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Found in path(s):
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*       Andy Clement - Contributions for
*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeInvisibleTypeAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeVisibleTypeAnnotationsAttribute.java
*

/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleTypeAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableReferenceInfo.java
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*     Walter Harley   - Patch for ensuring the parent folders are created
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Found in path(s):
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/team/FileModificationValidationContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/osgi/ExtensionEventDispatcherJob.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/NullBuffer.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameMatchRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameMatchRequestor.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchMethodNameMatch.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessMethodRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameMatch.java
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*     IBM Corporation - initial API and implementation
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 476403, 478769, 490586
*     Christoph Läubrich - remove reference to InternalPlatform.getDefault().log
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*     James Blackburn (Broadcom Corp.) - ongoing development
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ModulePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModule.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleAttribute.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RequiresInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IRequiresInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleMainClassAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/search/ModuleDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModulePackagesAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PackageVisibilityInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/util/CaseInsensitiveDictionaryMap.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ProvidesInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleMainClassAttribute.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolEntry3.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IPackageVisibilityInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IProvidesInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModulePackagesAttribute.java
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*   Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
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*   Martin Oberhuber (Wind River) - [44107] Add symbolic links to ResourceAttributes API
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*     Christoph Läubrich - Bug 570519 - Allow to specify TemplateVariable#fInitialLength
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*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/NodeIDMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/IElementComparator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/ProjectionTextStore.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/IElementContentVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/IPathRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/BadPartitioningException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentInformationMapping.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DataTreeWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/TestHelper.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TemplateContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/projection/IMinimalMapping.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentRewriteSessionListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ITypedRegion.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitioner.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitioningListener.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/TemplateException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/IUnifiedTreeVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentInformationMappingExtension2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/IElementInfoFlattener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentListener.java

* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/SlaveDocumentEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IPositionUpdater.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/ResourceStats.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/KeyedElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/TestingSupport.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitioningListenerExtension.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/ILocalStoreConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/ILifecycleListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitionerExtension3.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ILineTrackerExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ISlaveDocumentManagerExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IRegion.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentInformationMappingExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitionerExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/IMarkerSetElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/KeyedHashSet.java
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 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/BadPositionCategoryException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/templates/SimpleTemplateVariableResolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/edits/ISourceModifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/DocumentRewriteSession.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/link/ILinkedModeListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/IElementTreeData.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/source/IAnnotationModelListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentPartitionerExtension2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/ObjectNotFoundException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/source/IAnnotationModelListenerExtension.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/BadLocationException.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/IDocumentExtension3.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/IDataFlattener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/IManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/dtree/DataTreeLookup.java
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*   Jesper S Moller - Contributions for
*   Bug 378674 - "The method can be declared as static" is wrong
*   Stephan Herrmann - Contribution for
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/security/TrustEngine.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IExecutableExtensionFactory.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/util/FilePath.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/signedcontent/SignedContentEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/signedcontent/InvalidContentException.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/IBuddyPolicy.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateVerifierFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateChain.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/GenericDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateTrustAuthority.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/util/TextProcessor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/log/EquinoxLogFactory.java
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/weaver/bcel/UnwovenClassFileWithThirdPartyManagedBytecode.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/InterimCompilationResult.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/IIntermediateResultsRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IWeaveRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/WeaverAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/AjIncrementalImageBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/AspectJBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/core/AspectJCore.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IClassFileProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/AjBatchImageBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/tools/StandardPointcutParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/AjClassFile.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ast/HasAnnotation.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/AjCompilerAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ClassFileBasedByteCodeProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/AjBuildNotifier.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/IOutputClassFileNameProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/core/builder/EclipseClassPathManager.java
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*   Julian Chen - fix for bug #92572, jclRM
*   Jan-Ove Weichel (janove.weichel@vogella.com) - bug 474359
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/IJobStatus.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/jobs/JobStatus.java
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] IndexOutOfBoundsException in TokenManager - https://bugs.eclipse.org/462945
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/AnnotationComponent.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableTypeAttribute.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ISignatureAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/BaseExtensionPointHandle.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTypeTableEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IEnclosingMethodAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/IContentTypeManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/XMLRootElementContentDescriber.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/BaseExtensionHandle.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/VerificationInfo.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnAnnotationOfType.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IParameterAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/Annotation.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTypeTableAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ParameterAnnotation.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ContentType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/CancelableProblemFactory.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeInvisibleAnnotationsAttribute.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ConfigurationElementHandle.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeVisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceConstructorInfo.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeInvisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/urlconversion/URLConverter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodInfo.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnNameOfMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeInvisibleParameterAnnotationsAttribute.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMarkerAnnotationName.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/sources/PackageSource.java
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*   Christoph Laeubrich - [Bug 565924] join with IProgressMonitorWithBlocking, add null aware helper methods
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*     Terry Parker <tparker@google.com>
*          - Contribution for https://bugs.eclipse.org/bugs/show_bug.cgi?id=372418
*          -  Another problem with inner classes referenced from jars or class folders: "The type ... cannot be resolved"
*     Stephan Herrmann - Contribution for
*        Bug 392727 - Cannot compile project when a java file contains $ in its file name
*        Bug 440477 - [null] Infrastructure for feeding external annotations
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/StringPool.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/refresh/PollingMonitor.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/refresh/MonitorManager.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AndSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/NotSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/CommonPrinter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/DeclareAnnotationsPrinter.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ast/IntertypeMemberClassDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ITDConstructorPrinter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/AbstractSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ITDMethodPrinter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/ajdt/internal/compiler/ITDFieldPrinter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/OrSignaturePattern.java
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* Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/filesystem/provider/FileInfo.java
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*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the
 default for resource leak warnings
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 416267 - NPE in QualifiedAllocationExpression.resolveType
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424415 - [1.8][compiler] Eventual
 resolution of ReferenceExpression is not seen to be happening.
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*   Jesper S Moller <jesper@selskabet.org> - Contributions for
*   bug 378674 - "The method can be declared as static" is wrong
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's

work)
*   Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method
*   Till Brychcy - Contributions for
*   bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
***/

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*   Martin Oberhuber (Wind River) - [44107] Add symbolic links to ResourceAttributes API
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Sergey Prigogin (Google) - ongoing development
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*     IBM Corporation - initial API and implementation
*     Microsoft Corporation - contribution for bug 575562 - improve completion search performance
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*  Stephan Herrmann - Contribution for Bug 378024 - Ordering of comments between imports not preserved
*  John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportRewriteAnalyzer.java

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/url/reference/ReferenceURLConnection.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/Resolver.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/NullURLStreamHandlerService.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/HostSpecification.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/VersionRange.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/ResolverError.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/State.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/console/CommandProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/URLStreamHandlerSetter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/IJobManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/StateDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/BundleDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/BundleSpecification.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/BundleDescription.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/VersionConstraint.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/console/CommandInterpreter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/ProgressProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/ImportPackageSpecification.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/FilteredServiceListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/pluginconversion/PluginConverter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/ExportPackageDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/IJobChangeListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/resolver/StateObjectFactory.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/hookregistry/StorageHookFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/classpath/ClasspathEntry.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchAnnotationProcessorManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ElementImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ClassFilePool.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/jobs/JobOSGiUtils.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavadocConstants.java
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistSourceMethod.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistSourceType.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ReadManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/permadmin/BundlePermissions.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistSourceField.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/bundlefile/BundleFileWrapperChain.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistPackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistTypeParameter.java
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*     Stephan Herrmann - Contribution for
*       Bug 432977 - [1.8][null] Incorrect 'type is not visible' compiler error
*       Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
*******************************************************************************/
/* Taking the binding of QTR as an example, there could be different annotatable components, but we come in a
with a single binding, e.g:

 @T Z;                          type => Z  annotations => [[@T]]
     @T Y.@T Z                      type => Z  annotations => [[@T][@T]]
     @T X.@T Y.@T Z                     type => Z  annotations => [[@T][@T][@T]]
     java.lang.@T X.@T Y.@T Z               type => Z  annotations => [[][][@T][@T][@T]]
     in all these cases the incoming type binding is for Z, but annotations are for different levels. We need to align their
layout for proper attribution.
    */
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IDocElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/sources/FilteredSourcePackage.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/IExtendedModifier.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/VirtualFileSystem.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/FileInfoMatcherDescription.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterNonNullDefaultProvider.java

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*     Stephan Herrmann - Contribution for
*        bug 331649 - [compiler][null] consider null annotations for fields
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*     Jesper S Moller - Contributions for
*        Bug 378674 - "The method can be declared as static" is wrong
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ThisReference.java
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*
* Contributors:
*     PARC              initial implementation
*     Andy Clement  6Jul05 generics - signature attribute
*     Abraham Nevado
* ********************************************************************/
```

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*
* Contributors:
*   PARC   initial implementation
*   Alexandre Vasseur   if() implementation for @AJ style
* **/

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* Contributors:
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*   James Blackburn (Broadcom Corp.) - ongoing development
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/WorkspaceRoot.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/events/NotificationManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/FileState.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerDelta.java
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* Contributors:
*   IBM Corporation - initial API and implementation

```
*     Thirumala Reddy Mutchukota (thirumala@google.com) -
*       Bug 432049, JobGroup API and implementation
*       Bug 105821, Support for Job#join with timeout and progress monitor
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/Job.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleQualifiedName.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/RecordComponent.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/PermittedSubclassesAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PermittedSubclassesAttribute.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/RestrictedIdentifiers.java
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* Contributors:
*    tyeung@bea.com  - initial API and implementation
*    IBM Corporation - fix for bug 342757
*    Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithParameterAnnotations.java
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*     IBM Corporation - Bug fixes
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* Contributors:
*     Andy Clement -     initial implementation {date}
* ********************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisParamAnnos.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/SimpleElementValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/ClassElementValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeParamAnnos.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisAnnos.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/ArrayElementValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/AnnotationElementValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/apache/bcel/classfile/annotation/EnumElementValue.java

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* Contributors:
*     IBM Corporation - initial API and implementation
*     Kelly Campbell <kellyc@google.com> - Hangs in SourceMapper during java proposals -
https://bugs.eclipse.org/bugs/show_bug.cgi?id=281575
*     Stephan Herrmann - Contribution for Bug 380048 - error popup when navigating to source files
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMapper.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/ContentHandlerFactoryImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/osgi/EclipseBundleListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/debug/Debug.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/IntersectingPattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/OrPattern.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeParameterPattern.java
*
 /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/LocalVariablePattern.java
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*   Stephan Herrmann - Contribution for
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
**********/

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 in path(s):
* /aspectjtools-1-9-9-1-sources-
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*   BEA - Patch for bug 172743
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*     Red Hat Incorporated - get/setResourceAttribute code
*     Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add hasFilters()
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*******************************************************************************/
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*     Stephan Herrmann - Contribution for bug 349326 - [1.7] new warning for missing try-with-resources
*******************************************************************************/
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Found in path(s):
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*     Stephan Herrmann - Contribution for
*        Bug 463533 - Signature.getSignatureSimpleName() returns different results for resolved and unresolved extends
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```

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelWeakClassLoaderReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/WeakClassLoaderReference.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/WildcardedUnresolvedType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/IWeavingSupport.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/bcel/BcelWeavingSupport.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/ExactAnnotationFieldTypePattern.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/ArrayReferenceType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/weaver/patterns/BindingAnnotationFieldTypePattern.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodRef.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ChildPropertyDescriptor.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/TextElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/AuthorizationHandler.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/InternalASTRewrite.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ChildListPropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/rewrite/ListRewrite.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/bundlefile/BundleEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodRefParameter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/MemberRef.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/StructuralPropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/LineComment.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/DataArea.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/url/BundleURLConverter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SimplePropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/WeakHashSet.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/WeakHashSetOfCharArray.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/AnnotationTypeMemberDeclaration.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/BlockComment.java
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* Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule
* Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
* James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
* Broadcom Corporation - build configurations and references
* Torbjörn Svensson (STMicroelectronics) - bug #552606
***/

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*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contributions for
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 467032 - TYPE_USE Null Annotations: IllegalStateException with annotated arrays of Enum when accessed
via BinaryTypeBinding
***/

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in path(s):
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/UnresolvedReferenceBinding.java
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*     Mickael Istria (Red Hat Inc.) - Bug 485227
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#Processor Aliases                Description

68k                          # Motorola 68000 and up
ARM                            # Intel Strong ARM
aarch64 arm64
Alpha                         # Compaq (ex DEC)
Ignite psc1k                     # PTSC
```

Mips # SGI
PArisc
Hewlett Packard PA Risc
PowerPC power ppc # Motorola/IBM Power PC
PowerPC-64 ppc64 # IBM Power PC 64-bit Big Endian
PowerPC-64-LE ppc64le # IBM Power PC 64-bit Little Endian
Sparc # SUN
x86 pentium i386 i486 i586 i686 # Intel
s390 # IBM System 390
s390x # IBM System 390 (64-bit)
v850e # NEC V850E
x86-64 amd64 em64t x86_64 # 64 bit x86 architecture

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* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnParameterizedSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocImplicitTypeReference.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/storage/bundlefile/MRUBundleFileList.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/GlobalPolicy.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/ContextFinder.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/TypeElementImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/classpath/ClasspathManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/loader/buddy/SystemPolicy.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnContinueStatement.java
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*   Thomas Wolf - Bug 545252: improved search performance for multiple delimiters
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/Base64.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/utils/Cache.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/InstancePreferences.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/ExportedPreferences.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/ConfigurationPreferences.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/OSGiPreferencesServiceImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IPreferencesService.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IPreferenceNodeVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/LookupOrder.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IEclipsePreferences.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/DefaultScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IScopeContext.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/ConfigurationScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/InstanceScope.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/Product.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/AbstractPreferenceInitializer.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IExportedPreferences.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModuleAwareNameEnvironment.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ModulePathEntry.java
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*   Anton Leherbauer <anton.leherbauer@windriver.com> - [implementation] AnnotationModel.fModificationStamp leaks annotations - http://bugs.eclipse.org/345715
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*    IBM Corporation - changed interface to extend IBinding
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/log/LoggerContextTargetMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/serviceregistry/ServiceConsumer.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/namespaces/EquinoxFragmentNamespace.java
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*   David Green - fix factories with non-standard class loading (bug 200068)
*   Filip Hrbek - fix thread safety problem described in bug 305863
*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
*   Christoph Läubrich - Bug 576660 - AdapterManager should use more modern concurrency primitives
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/ServiceEvent.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/BundleEvent.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/osgi/framework/BundleException.java
* /aspectjtools-1-9-9-1-sources-jar/org/osgi/util/tracker/ServiceTrackerCustomizer.java
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*     Matt McCutchen - partial fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=122995
*     Karen Moore - fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=207411
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*          bug 185682 - Increment/decrement operators mark local variables as read
*          bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after
 bug 186342 and bug 365387
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 384870 - [compiler] @Deprecated annotation not detected if preceded by other annotation
*       bug 393719 - [compiler] inconsistent warnings on iteration variables
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 424742 - [1.8] NPE in LambdaExpression.isCompatibleWith
*       Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*       Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
```

```
*       Bug 426366
 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
*       Bug 427282 - [1.8][compiler] AIOOB (-1) at
org.aspectj.org.eclipse.jdt.internal.compiler.ClassFile.traverse(ClassFile.java:6209)
*       Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*       Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*       Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*       Bug 446442 - [1.8] merge null annotations from super methods
*       Bug 437072 - [compiler][null] Null analysis
 emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*     Jesper S Moller - Contributions for
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*       bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
*     Till Brychcy - Contributions for
*               bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
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*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   Jesper S Moller - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
 **/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CompoundAssignment.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/IContentDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/IObjectManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ContentDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/IContentDescriber.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/LazyReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/ITextContentDescriber.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/DefaultDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/FileSpec.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/LowLevelIOException.java

* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ResourceMappingContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ReadWriteMonitor.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/UnlockSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/LockSignature.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/runtime/reflect/LockSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/lang/reflect/UnlockSignature.java
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*   Palo Alto Research Center, Incorporated - AspectJ adaptation

*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
*   bug 370639 - [compiler][resource] restore the default for resource
 leak warnings
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*   Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload
context
*   Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
*   Bug 427483 - [Java 8] Variables
 in lambdas sometimes can't be resolved
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*   Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*   Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExplicitConstructorCall.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ResourceAdapterFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/IPreferenceFilter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/preferences/PreferenceModifyListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/TreeLineTracker.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/filesystem/provider/FileTree.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/FileCache.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/propertytester/ResourcePropertyTester.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/NullFileSystem.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/InternalFileSystemCore.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/Activator.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/filesystem/provider/FileSystem.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/IPreferencesConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/PreferencesOSGiUtils.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/NullFileStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/exchange/IProductPreferencesService.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/legacy/ProductPreferencesService.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/ImmutableMap.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/preferences/exchange/ILegacyPreferences.java
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*   Bug 463330 - [dom] DOMFinder doesn't find the VariableBinding corresponding to a method argument
*   Bug 464463 - [dom] DOMFinder doesn't find an ITypeParameter
*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
***/

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/DOMFinder.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488938, 488937
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerInfo.java
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# Lines beginning with '#' or '//' are comments
#
# This file contains the implied permissions to be granted
# to all bundles. This file must be UTF8 encoded.
#
# In this file, FilePermissions with relative names are
# mapped to an individual bundle's data directory.
#
# The permissions are listed one per
# line in PermissionInfo encoded format.
# See org.osgi.service.permissionadmin.PermissionInfo

(java.util.PropertyPermission
 "java.vendor" "read")
(java.util.PropertyPermission "java.specification.version" "read")
(java.util.PropertyPermission "line.separator" "read")
(java.util.PropertyPermission "java.class.version" "read")
(java.util.PropertyPermission "java.specification.name" "read")
(java.util.PropertyPermission "java.vendor.url" "read")
(java.util.PropertyPermission "java.vm.version" "read")
(java.util.PropertyPermission "os.name" "read")
(java.util.PropertyPermission "os.arch" "read")
(java.util.PropertyPermission "os.version" "read")
(java.util.PropertyPermission "java.version" "read")
(java.util.PropertyPermission "java.vm.specification.version" "read")
(java.util.PropertyPermission "java.vm.specification.name" "read")
(java.util.PropertyPermission "java.specification.vendor" "read")
(java.util.PropertyPermission "java.vm.vendor" "read")
(java.util.PropertyPermission "file.separator" "read")
(java.util.PropertyPermission "path.separator" "read")
(java.util.PropertyPermission
 "java.vm.name" "read")
(java.util.PropertyPermission "java.vm.specification.vendor" "read")
(java.util.PropertyPermission "org.osgi.framework.*" "read")
(java.io.FilePermission "" "read")
```

(java.io.FilePermission "-" "read,write,delete")

All bundles are allowed to import any java.* package
(org.osgi.framework.PackagePermission "java.*" "import")
Added for OSGi R4.3
(org.osgi.framework.CapabilityPermission "osgi.ee" "require")
Added for OSGi R6
(org.osgi.framework.CapabilityPermission "osgi.native" "require")
Added for OSGi R8
(org.osgi.framework.ServicePermission "org.osgi.service.condition.Condition" "get")

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*   Bug 407191 - [1.8] Binary access support for type annotations

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ExtensionPointHandle.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ExtensionHandle.java
*
/aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/ThirdLevelConfigurationElementHandle.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/dynamichelpers/IExtensionChangeHandler.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/IExtendedCompletionRequestor.java

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IFileState.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IMarker.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                     Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*******************************************************************************/
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*   Sergey Prigogin (Google) - [482064] Incorrect SubMonitor usage in RefreshLocalVisitor.visit
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRootInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnLocalName.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/util/KeyedElement.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/templates/ContextTypeRegistry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/HandleFactory.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/IndexBasedHierarchyBuilder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchParticipant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LabeledStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/DefaultProblem.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/templates/TemplateStoreCore.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SimpleType.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPool.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolConstant.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ITypeRequestor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/DiskIndex.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelStatusConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/index/Index.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/DefaultBytecodeVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/BatchImageBuilder.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/CompilationUnit.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/Substitution.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DeltaProcessingState.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PossibleMatch.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/templates/TemplateReaderWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AddJarFileToIndex.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SimpleName.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/IScanner.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/text/templates/TemplatePersistenceData.java
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleUtil.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathJMod.java
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*   Andrey Loskutov <loskutov@gmx.de> - Bug 468787
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* /aspectjtools-1-9-9-1-sources-jar/org/osgi/resource/dto/CapabilityRefDTO.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ProposedResourceDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ChangeDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/mapping/ResourceChangeValidator.java
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*     Stephan Herrmann - Contribution for
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*        Bug 415850 - [1.8] Ensure RunJDTCoreTests
 can cope with null annotations enabled
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*        Bug 434600 - Incorrect null analysis error reporting on type parameters
*        Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*        Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*        Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*        Bug 437072 - [compiler][null] Null analysis
```

emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*   Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator
*   Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator
*   Jesper S Møller <jesper@selskabet.org> - Contributions for
*   bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*   bug 529556 - [18.3] Add content assist support for 'var' as a type
*
**/

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypeReference.java
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* Contributors:
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*   Stephan Herrmann - Contribution for
*   Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*   Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
*   Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*   Till Brychcy - Contribution for
*   Bug 473713
 - [1.8][null] Type mismatch: cannot convert from @NonNull A1 to @NonNull A1
***/
/* Cache the derived type, tagging it as a derivative of both the key type and the naked type.
    E.g: int @NonNull [] would be tagged as a derived type of both int and int []. This is not
    needed for correctness, but for annotated object reuse. We provide two alternate ways to
    annotate a type:

    Taking parameterized types as an example, a call to getParamaterizedType can be made with annotations
    to create @NonNull List<@NonNull String> in one stroke. Or a parameterized type can be created first

```
    and then annotated via getAnnotatedType. In the former case, the tables get looked up with List as
    the key, in the latter with List<String> as the key.

    Binary vs source, substitutions, annotation re-attribution from SE7 locations etc trigger these
    alternate code paths. Unless care is exercised,
 we will end up with duplicate objects (that share
    the same TypeBinding.id => correctness is not an issue, but memory wastage is)
  */
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeSystem.java
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*          bug 343713 - [compiler] bogus line number in constructor of inner class in 1.5 compliance
*          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
```

```
*       bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
*       bug 368546 - [compiler][resource] Avoid
 remaining false positives found when compiling the Eclipse SDK
*       bug 383690 - [compiler] location of error re uninitialized final field should be aligned
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions
 for
*                         bug 386692 - Missing "unused" warning on "autowired" fields
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ConstructorDeclaration.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contribution for bug 185682 - Increment/decrement operators
mark local variables as read
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocFieldReference.java
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*                    Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*       Jesper Steen Moller - Contributions for
*       Bug 406973 - [compiler] Parse MethodParameters attribute
**********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAttributeNamesConstants.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/IExtensionDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/environment/EnvironmentInfo.java
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*                      (originally in org.aspectj.org.eclipse.jdt.apt.core)
*    IBM Corporation - Bug 513790
*******************************************************************************/
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*     Terry Parker - Bug 457504, Publish a job group's final status to IJobChangeListeners
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/jobs/IJobChangeEvent.java
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*          bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null]
 Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*       bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*       Bug 446691 - [1.8][null][compiler] NullPointerException in SingleNameReference.analyseCode
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/FlowContext.java
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
**********************************************************************************/

Found in path(s):
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*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann  - Contributions for
*          bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*          bug 338303 - Warning about Redundant assignment conflicts with definite assignment
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
 *       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
```

* bug 376053 - [compiler][resource] Strange potential resource leak problems
* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
* bug 393719 - [compiler] inconsistent warnings on iteration
variables
* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
* bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared
abstract
* bug 331649 - [compiler][null] consider null annotations for fields
* bug 382789 - [compiler][null] warn when syntactically-nonnull expression is compared against null
* bug 376590 - Private fields with @Inject are ignored by unused field validation
* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
* bug 402028 - [1.8][compiler] null analysis for reference expressions
* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug
392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first
field
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
Files::walk
* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert
from List<Object> to Collection<Object[]>
* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type
Bindings
* Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
* Bug 430150 - [1.8][null] stricter checking against type variables
* Bug 434600 - Incorrect null analysis error reporting on type parameters
* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
* Bug 438467 - [compiler][null] Better error position for "The method _ cannot implement the corresponding
method _ due to incompatible nullness constraints"
* Bug 439298 - [null] "Missing code implementation in the compiler" when using @NonNullByDefault
in package-info.java
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 446442 - [1.8] merge null annotations from super methods
* Bug 455723 - Nonnull argument not correctly inferred in loop
* Bug 458361 - [1.8][null] reconciler throws NPE in ProblemReporter.illegalReturnRedefinition()
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Bug 461878 - [1.7][1.8][compiler][null] ECJ compiler does not allow to use null annotations on annotations
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

Collection#remove(Object) et al.
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 382721 - [1.8][compiler] Effectively final variables needs
special treatment
* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* bug 412151 - [1.8][compiler] Check repeating annotation's collection type
* bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
* bug 386692 - Missing "unused" warning on "autowired" fields
**********/

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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ILazySource.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/BasicDescription.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ContentTypeHandler.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/IContentTypeInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/IContentConstants.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ContentTypeVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/content/ContentTypeSettings.java
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* Contributors:
*   tyeung@bea.com - initial API and implementation
*   IBM Corporation - implemented methods from IBinding

*   IBM Corporation - renamed from ResolvedAnnotation to AnnotationBinding
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/IHistoryStore.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/runnable/ApplicationRunnable.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/content/XMLContentDescriber.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/properties/IPropertyManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ITypeParameter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/framework/log/FrameworkLog.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/datalocation/Location.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/TypeParameterElementInfo.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/service/localization/BundleLocalization.java
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*   Jesper Steen Moeller - Contributions for:
*   Bug 406973 - [compiler] Parse MethodParameters attribute
**********/

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*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
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* Contributors:
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Module.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/PackageExportImpl.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OpensStatement.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/resources/IDynamicReferenceProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/BinaryContainer.java

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*         Stephan Herrmann - Contribution for
*       Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
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*          bug 325755 - [compiler] wrong initialization state after conditional expression
*          bug 320170 - [compiler] [null] Whitebox issues in null analysis
*          bug 292478 - Report potentially null across variable assignment
*          bug 332637 - Dead Code detection removing code that isn't dead
*          bug 341499 - [compiler][null] allocate extra bits in all methods of UnconditionalFlowInfo
 *          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 386181 - [compiler][null] wrong transition in UnconditionalFlowInfo.mergedWith()
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 454031 - [compiler][null][loop] bug in null analysis; wrong "dead code" detection
*       Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
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*   Paul Pazderski - Bug 549755: use {@link DocumentRewriteSession} if operation has lot of changes
***/

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* Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
* Martin Oberhuber (Wind River) - [183137] liblocalfile for solaris-sparc
* Martin Oberhuber (Wind River) - [184433] liblocalfile for Linux x86_64
* Martin Oberhuber (Wind River) - [184534] get attributes from native lib
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* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportRewriteConfiguration.java

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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/PackageAndContainingTypeImportComparator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/TypeConflictingSimpleNameFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportEntry.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OnDemandComputer.java
*
/aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportsDelta.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportDeclarationWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OnDemandReduction.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/StaticConflictingSimpleNameFinder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/RemovedImportCommentReassigner.java
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*     IBM Corporation - initial API and implementation
*     Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*******************************************************************************/
```

Found in path(s):
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*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*         bug 378674 - "The method can be declared as static" is wrong
*     Stephan Herrmann - Contribution for
*         Bug 424167 - [1.8] Fully integrate type inference with overload resolution
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetScope.java
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*  Stephan Herrmann - Contribution for
*       bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code
*       Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*       Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 -
 [1.8][compiler][codegen] Implement support for serializeable lambdas
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SyntheticMethodBinding.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleCollisionHook.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/url/EquinoxFactoryManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/framework/legacy/StartLevelImpl.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/filesystem/local/NativeHandler.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/container/ModuleWire.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IQualifiedTypeResolutionListener.java
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* Contributors:
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*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support

```
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/localstore/FileStoreRoot.java
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*   Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
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*   John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
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jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportComment.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportComparator.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportAdder.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ConflictingSimpleNameFinder.java
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*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/runtime/FindSupport.java
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* Contributors:
*   tyeung@bea.com - initial API and implementation
*   IBM Corporation - changed interface to extend IBinding
*   IBM Corporation - renamed from IResolvedMemberValuePair to IMemberValuePairBinding
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/mapping/ShallowResourceMapping.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/ContributorFactorySimple.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveryScanner.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/spi/IRegistryProvider.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/runtime/spi/RegistryContributor.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/registry/osgi/RegistryProviderOSGI.java
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*     Danail Nachev - bug 203599 - events if jobs bundle has been stopped
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* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/ITypeHierarchy.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaModel.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/jface/text/ISlaveDocumentManager.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IElementChangedListener.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelMarker.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetToCuMapper.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IBytecodeVisitor.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/util/ByteCodeVisitorAdapter.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LongLiteralMinValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NumberLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InferenceContext.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntLiteralMinValue.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/InitializationFlowContext.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/IWorkingCopy.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelStatus.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FloatLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexBinaryFolder.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionJavadoc.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceJavadocParser.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/DoubleLiteral.java
* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodElementInfo.java
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*     Mickael Istria (Red Hat Inc.) - Bug 488937
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerReader_1.java
*
 /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerReader_2.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/watson/ElementTreeWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerWriter.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerReader_3.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/SyncInfoReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerSnapshotReader_1.java
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/osgi/internal/signedcontent/SignedContentMessages.java
* /aspectjtools-1-9-9-1-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMessageSendName.java

* /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/MissingTypesGuesser.java
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 /aspectjtools-1-9-9-1-sources-jar/org/aspectj/org/eclipse/jdt/core/formatter/IndentManipulation.java
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* Francis Lynch (Wind River) - [301563] Save and load tree snapshots
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* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerReader.java
* /aspectjtools-1-9-9-1-sources-jar/org/eclipse/core/internal/resources/MarkerSnapshotReader.java

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```
Manifest-Version: 1.0
Created-By: Apache Maven Bundle Plugin
Build-Jdk-Spec: 17
Automatic-Module-Name: org.jacoco.core
```

Bnd-LastModified: 1697316806367
Build-Jdk: 17.0.8.1
Built-By: root
Bundle-Description: JaCoCo Core
Bundle-License: https://www.eclipse.org/legal/epl-2.0/
Bundle-ManifestVersion: 2
Bundle-Name: JaCoCo Core
Bundle-RequiredExecutionEnvironment: J2SE-1.5
Bundle-SymbolicName: org.jacoco.core
Bundle-Vendor: Mountainminds GmbH & Co. KG
Bundle-Version: 0.8.11.202310140853
Eclipse-SourceReferences: scm:git:git://github.com/jacoco/jacoco.git;pat
h="org.jacoco.core";commitId=f33756c37f1e41041d84018047b14cb394742761
Export-Package: org.jacoco.core.internal;x-internal:=true;version="0.8.1
1",org.jacoco.core.internal.analysis;x-internal:=true;version="0.8.11";
uses:="org.jacoco.core.analysis,org.jacoco.core.internal.analysis.filte
r,org.jacoco.core.internal.flow,org.objectweb.asm,org.objectweb.asm.tre
e",org.jacoco.core.internal.analysis.filter;x-internal:=true;version="0
.8.11";uses:="org.objectweb.asm.tree",org.jacoco.core.internal.data;x-i
nternal:=true;version="0.8.11",org.jacoco.core.internal.flow;x-internal
:=true;version="0.8.11";uses:="org.jacoco.core.internal.analysis,org.ob
jectweb.asm,org.objectweb.asm.commons,org.objectweb.asm.tree",org.jacoc
o.core.internal.instr;x-internal:=true;version="0.8.11";uses:="org.jaco
co.core.internal.flow,org.jacoco.core.runtime,org.objectweb.asm",org.ja
coco.core;version="0.8.11",org.jacoco.core.analysis;version="0.8.11";us
es:="org.jacoco.core.data,org.jacoco.core.internal.analysis",org.jacoco
.core.data;version="0.8.11";uses:="org.jacoco.core.internal.data",org.j
acoco.core.instr;version="0.8.11";uses:="org.jacoco.core.runtime",org.j
acoco.core.runtime;version="0.8.11";uses:="org.jacoco.core.data,org.obj
ectweb.asm",org.jacoco.core.tools;version="0.8.11";uses:="org.jacoco.co
re.data"
Import-Package: org.jacoco.core;version="[0.8.11,0.8.12)",org.jacoco.cor
e.analysis;version="[0.8.11,0.8.12)",org.jacoco.core.data;version="[0.8
.11,0.8.12)",org.jacoco.core.internal;version="[0.8.11,0.8.12)",org.jac
oco.core.internal.analysis;version="[0.8.11,0.8.12)",org.jacoco.core.in
ternal.analysis.filter;version="[0.8.11,0.8.12)",org.jacoco.core.intern
al.data;version="[0.8.11,0.8.12)",org.jacoco.core.internal.flow;version
="[0.8.11,0.8.12)",org.jacoco.core.internal.instr;version="[0.8.11,0.8.
12)",org.jacoco.core.runtime;version="[0.8.11,0.8.12)",org.objectweb.as
m;version="[9.6.0,9.7)",org.objectweb.asm.commons;version="[9.6.0,9.7)"
,org.objectweb.asm.tree;version="[9.6.0,9.7)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.5))"
Tool: Bnd-3.5.0.201709291849

Found in path(s):
* /org-jacoco-core-0-8-11-2-jar/META-INF/MANIFEST.MF

1.143 org.jacoco.agent:runtime runtime:0.8.11

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Found in path(s):
* /org-jacoco-agent-0-8-11-sources-jar/org/jacoco/agent/AgentJar.java
* /org-jacoco-agent-0-8-11-sources-jar/org/jacoco/agent/package-info.java

1.144 picocolors 1.0.1

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1.145 jsr305 3.0.2

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Found in path(s):
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/Immutable.java
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/GuardedBy.java
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/NotThreadSafe.java
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/ThreadSafe.java

1.146 gson 2.10.1

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* /gson-2-10-1-sources-2-jar/com/google/gson/internal/Streams.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/JsonStreamParser.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonParser.java
* /gson-2-10-1-sources-2-jar/com/google/gson/LongSerializationPolicy.java
* /gson-2-10-1-sources-2-jar/com/google/gson/FieldAttributes.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
*
 /gson-2-10-1-sources-2-jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/TypeAdapters.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /gson-2-10-1-sources-2-jar/com/google/gson/TypeAdapterFactory.java
* /gson-2-10-1-sources-2-jar/com/google/gson/TypeAdapter.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/stream/MalformedJsonException.java
* /gson-2-10-1-sources-2-jar/com/google/gson/stream/JsonToken.java
* /gson-2-10-1-sources-2-jar/com/google/gson/stream/JsonReader.java
* /gson-2-10-1-sources-2-jar/com/google/gson/stream/JsonScope.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/internal/PreJava9DateFormatProvider.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/internal/UnsafeAllocator.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/TreeTypeAdapter.java
*
/gson-2-10-1-sources-2-jar/com/google/gson/internal/LazilyParsedNumber.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/DateTypeAdapter.java
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* /gson-2-10-1-sources-2-jar/com/google/gson/JsonObject.java
* /gson-2-10-1-sources-2-jar/com/google/gson/InstanceCreator.java
* /gson-2-10-1-sources-2-jar/com/google/gson/reflect/TypeToken.java
*
/gson-2-10-1-sources-2-jar/com/google/gson/GsonBuilder.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/Primitives.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonDeserializer.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonParseException.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonSerializationContext.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonNull.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/Excluder.java
* /gson-2-10-1-sources-2-jar/com/google/gson/FieldNamingPolicy.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonPrimitive.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonArray.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/$Gson$Preconditions.java
* /gson-2-10-1-sources-2-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-10-1-sources-2-jar/com/google/gson/Gson.java
* /gson-2-10-1-sources-2-jar/com/google/gson/annotations/Until.java
*
/gson-2-10-1-sources-2-jar/com/google/gson/annotations/Expose.java
* /gson-2-10-1-sources-2-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-10-1-sources-2-jar/com/google/gson/annotations/SerializedName.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonIOException.java
* /gson-2-10-1-sources-2-jar/com/google/gson/FieldNamingStrategy.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonDeserializationContext.java
* /gson-2-10-1-sources-2-jar/com/google/gson/JsonSerializer.java

1.147 @babel/highlight 7.24.7

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* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/management/ExecutionListener.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/home/HomeFinder.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/home/impl/VmLocatorSymbol.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/word/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/io/MessageTransport.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/io/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/management/ExecutionEvent.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/function/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/LogHandler.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/io/ByteSequence.java
*
/graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/ImageInfo.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/OptionStability.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/RawFieldOffset.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/home/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/EnvironmentAccess.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/CField.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/CCharPointerPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/SizeOf.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/constant/CConstant.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/CIntPointerPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/WordPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/AllowWideningCast.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/function/CEntryPointLiteral.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/word/PointerBase.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/CStruct.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/CCharPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/function/CFunctionPointer.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/PinnedObject.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/ObjectHandle.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/Platforms.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/Isolate.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/OptionKey.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/collections/UnmodifiableEconomicSet.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/OptionCategory.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/OptionDescriptors.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/Threading.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/ProxyTimeZone.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/ProxyDuration.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/RuntimeOptions.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/CTypeConversion.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/TypeLiteral.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/management/package-info.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/CurrentIsolate.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/ProxyInstant.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/VoidPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/ProxyNativeObject.java
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/graal-sdk-21-3-8-sources-jar/org/graalvm/collections/Equivalence.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/impl/RuntimeOptionsSupport.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/collections/UnmodifiableMapCursor.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/package-info.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/CFieldAddress.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/impl/AbstractPolyglotImpl.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/ProxyArray.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/Source.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/proxy/Proxy.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/impl/RuntimeReflectionSupport.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/PolyglotException.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/Engine.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/impl/ReflectionRegistry.java

* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/Value.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/SourceSection.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/hosted/RuntimeReflection.java
*
/graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/Language.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/ResourceLimitEvent.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/home/Version.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/ResourceLimits.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/ProcessProperties.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/io/FileSystem.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/polyglot/io/MessageEndpoint.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/home/impl/DefaultHomeFinder.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/impl/RuntimeClassInitializationSupport.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/RawField.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/CTypedefOfInfo.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/constant/CEnum.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/type/CFloatPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/CFieldOffset.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/function/RelocatedPointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/c/struct/UniqueLocationIdentity.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/IsolateThread.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/VMRuntime.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/options/OptionValues.java
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* /graal-sdk-21-3-8-sources-jar/org/graalvm/nativeimage/ImageSingletons.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/word/Pointer.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/word/ComparableWord.java
* /graal-sdk-21-3-8-sources-jar/org/graalvm/word/UnsignedWord.java
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1.151 python-setuptools 60.10.0

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*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CombinedBinaryExpression.java
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*     Red Hat Incorporated - get/setResourceAttribute code
```

*   Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*   Serge Beauchamp (Freescale Semiconductor) - [252996] add hasFilters()
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
**/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IResource.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/InternalTeamHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/refresh/InternalRefreshProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/IStringPoolParticipant.java
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* Contributors:
*     PARC     initial implementation
*     Andy Clement  start of generics upgrade...
*     Adrian Colyer - overhaul
* ******************************************************************/
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Found in path(s):
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*     Julian Chen - fix for bug #92572, jclRM
*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/RuntimeLog.java
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*        bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*        bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with
 generics (RuntimeException instead of IOException)
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/FileSystemAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationModelExtension2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/team/FileModificationValidator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ErrorTypeImpl.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceDeltaFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/IsSynchronizedVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoWriter.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceDeltaInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SafeFileTable.java
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*     Ben Konrath <ben@bagu.org> - initial implementation
*     Red Hat Incorporated - improvements based on comments from JDT developers
*     IBM Corporation - Code review and integration
*     IBM Corporation - Fix for 340181
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/formatter/CodeFormatterApplication.java
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*         bug 342671 - ClassCastException: org.aspectj.org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot
be cast to org.aspectj.org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*         bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*         Bug 416181 - [1.8][compiler][null]
 Invalid assignment is not rejected by the compiler
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 434600 - Incorrect null analysis error reporting on type parameters
*         Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*         Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*         Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*         Andy Clement - Contributions for
*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
**********************************************************************************/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ParameterizedQualifiedTypeReference.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/CompletionRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NormalAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SingleMemberAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MarkerAnnotation.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MemberValuePair.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/CompletionProposal.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Annotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/EquinoxLogWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Comment.java
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#
# The permissions are listed one per
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# See org.osgi.service.permissionadmin.PermissionInfo

(java.util.PropertyPermission
 "java.vendor" "read")
(java.util.PropertyPermission "java.specification.version" "read")
(java.util.PropertyPermission "line.separator" "read")
(java.util.PropertyPermission "java.class.version" "read")
(java.util.PropertyPermission "java.specification.name" "read")
(java.util.PropertyPermission "java.vendor.url" "read")
(java.util.PropertyPermission "java.vm.version" "read")
(java.util.PropertyPermission "os.name" "read")
(java.util.PropertyPermission "os.arch" "read")
```

(java.util.PropertyPermission "os.version" "read")
(java.util.PropertyPermission "java.version" "read")
(java.util.PropertyPermission "java.vm.specification.version" "read")
(java.util.PropertyPermission "java.vm.specification.name" "read")
(java.util.PropertyPermission "java.specification.vendor" "read")
(java.util.PropertyPermission "java.vm.vendor" "read")
(java.util.PropertyPermission "file.separator" "read")
(java.util.PropertyPermission "path.separator" "read")
(java.util.PropertyPermission
"java.vm.name" "read")
(java.util.PropertyPermission "java.vm.specification.vendor" "read")
(java.util.PropertyPermission "org.osgi.framework.*" "read")
(java.io.FilePermission "" "read")
(java.io.FilePermission "-" "read,write,delete")

All bundles are allowed to import any java.* package
(org.osgi.framework.PackagePermission "java.*" "import")
Added for OSGi R4.3
(org.osgi.framework.CapabilityPermission "osgi.ee" "require")
Added for OSGi R6
(org.osgi.framework.CapabilityPermission "osgi.native" "require")
Added for OSGi R8
(org.osgi.framework.ServicePermission "org.osgi.service.condition.Condition" "get")

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/INestHostAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/INestMemberAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/INestMembersAttribute.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/NestHostAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/NestMembersAttribute.java

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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - bug 424972
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Jesper Steen Moeller - Contributions for:
*   Bug 406973 - [compiler] Parse MethodParameters attribute
***/

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*   Bug 458613 - [1.8] lambda not shown in quick type hierarchy
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/Rules.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/team/ResourceRuleFactory.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/refresh/MonitorManager.java
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* Contributors:
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseAnnotationConvertor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/IfFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseResolvedMember.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/TableWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CancelableNameEnvironment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/location/BasicLocation.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/url/URLStreamHandlerFactoryImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/messages/Msg.java
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*   Palo Alto Research Center, Incorporated - AspectJ adaptation
*   Tom Tromey - patch for readTable(String) as described in http://bugs.eclipse.org/bugs/show_bug.cgi?id=32196
*   Stephan Herrmann - Contributions for
*   bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)

```
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 393719 - [compiler] inconsistent warnings on iteration variables
 *       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
*       bug 401035 - [1.8] A few tests have started failing recently
*     Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       bug 399695 - [1.8][compiler] [1.8][compiler] migrate parser to other syntax for default methods
*       bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
*       bug 393192 - Incomplete type hierarchy with > 10 annotations
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409250 - [1.8][compiler]
 Various loose ends in 308 code generation
*                       Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous
classes
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/TheOriginalJDTParserClass.java
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*   Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
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*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/FileBundleEntry.java
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 185682 - Increment/decrement operators mark local variables as read
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after
 bug 186342 and bug 365387
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 384870 - [compiler] @Deprecated annotation not detected if preceded by other annotation
*   bug 393719 - [compiler] inconsistent warnings on iteration variables
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424742 - [1.8] NPE in LambdaExpression.isCompatibleWith
*   Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 426366
 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
*   Bug 427282 - [1.8][compiler] AIOOB (-1) at
org.aspectj.org.eclipse.jdt.internal.compiler.ClassFile.traverse(ClassFile.java:6209)
*   Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*   Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*   Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*   Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*   Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*   Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*   Bug 446442 - [1.8] merge null annotations from super methods
*   Bug 437072 - [compiler][null] Null analysis
 emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*   Jesper S Moller - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*   bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*   bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
*   Till Brychcy - Contributions for
*   bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
**********/

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*           bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 370639 - [compiler][resource] restore the
 default for resource leak warnings
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 416267 - NPE in QualifiedAllocationExpression.resolveType
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 424415 - [1.8][compiler] Eventual
 resolution of ReferenceExpression is not seen to be happening.
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*                     Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
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*     Till Brychcy - Contributions for
*           bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
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*            bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
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*        bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*        bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*        bug 345305 - [compiler][null]
 Compiler misidentifies a case of "variable can only be null"
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*        bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*        bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*        bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*        Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*        Bug 455723 - Nonnull argument not correctly inferred in loop
*        Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*        Bug 446691 - [1.8][null][compiler] NullPointerException in SingleNameReference.analyseCode
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*        bug 383368 - [compiler][null] syntactic null analysis for field references
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427, 483862
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*        Bug 440474 - [null] textual encoding of external null annotations
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*         Bug 407191 - [1.8] Binary access support for type annotations
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* Contributors:
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*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IExtendedAnnotation.java
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* Red Hat Incorporated - initial implementation
* Martin Oberhuber (Wind River) - [44107] Add symbolic links to ResourceAttributes API
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/IMinimalMapping.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/ILinkedModeListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/SimpleTemplateVariableResolver.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/NodeIDMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/ISourceModifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ProjectionTextStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/BadPositionCategoryException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/IElementContentVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentInformationMapping.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitionerExtension2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/IManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentExtension3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentInformationMappingExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitioningListenerExtension.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentRewriteSessionListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/TestHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IPositionUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitioner.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ISlaveDocumentManagerExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/IElementInfoFlattener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/ILocalStoreConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/IElementComparator.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceStats.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/KeyedElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DocumentRewriteSession.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitioningListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DataTreeWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IRegion.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ILifecycleListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/TestingSupport.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ILineTrackerExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/IPathRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationModelListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/IComparator.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/BadLocationException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/BadPartitioningException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentInformationMappingExtension2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/KeyedHashSet.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ITypedRegion.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/IMarkerSetElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitionerExtension3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitionerExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/SlaveDocumentEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationModelListenerExtension.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/IDataFlattener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DataTreeLookup.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/IUnifiedTreeVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/ObjectNotFoundException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/IElementTreeData.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/prefs/Preferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/prefs/PreferencesService.java
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*   Palo Alto Research Center, Incorporated - AspectJ adaptation
*   Stephan Herrmann - Contributions for
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 367203 - [compiler][null] detect assigning null to nonnull argument
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

* bug 388281 - [compiler][null] inheritance of null annotations as an option
* bug 401030 - [1.8][null] Null analysis support for lambda methods.
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument annotations
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AbstractMethodDeclaration.java
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*   IBM Corporation - initial API and implementation
*   Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*   Markus Schorn (Wind River) - [306575] Save snapshot location with project
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ModelObjectWriter.java
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*   Stephan Herrmann - Contributions for
*   Bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*   Bug 388630 - @NonNull diagnostics at line 0
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 424727 - [compiler][null] NullPointerException
 in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*   Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends
the outer class
 *   Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*   Bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
*   Bug 546084 - Using Junit 5s MethodSource leads to ClassCastException
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypeDeclaration.java
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*     IBM Corporation - initial API and implementation
*     Terry Parker <tparker@google.com>
*           - Contribution for https://bugs.eclipse.org/bugs/show_bug.cgi?id=372418
*           -  Another problem with inner classes referenced from jars or class folders: "The type ... cannot be resolved"
*     Stephan Herrmann - Contribution for
*        Bug 392727 - Cannot compile project when a java file contains $ in its file name
*        Bug 440477 - [null] Infrastructure for feeding external annotations
 into compilation
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/NameEnvironment.java
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* Contributors:
*     John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
*******************************************************************************/
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jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ConflictIdentifier.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/connect/ConnectHookConfigurator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/connect/DelegatingConnectClassLoader.java
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*   Stephan Herrmann - Contribution for

```
*       bug 384380 - False positive on a "Potential null pointer access" after a continue
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*******************************************************************************/
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* Contributors:
*   Adrian Colyer   Initial implementation
*   Andy Clement   various fixes
*   Trask Stanalker  #373195
* *******************************************************************/
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - [462440] IFile#getContents methods should specify the status codes for its
exceptions
**********************************************************************************/
```

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* Contributors:
*    Andy Clement     initial implementation
*    Heavily based on LocalVariableTable
* ********************************************************************/
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*     Stephan Herrmann - contribution for bug 337868 - [compiler][model] incomplete support for package-info.java
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when using SearchableEnvironment
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*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] IndexOutOfBoundsException in TokenManager - https://bugs.eclipse.org/462945
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
*   IBM Corporation - DOM AST changes for JEP 354
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/localization/BundleLocalization.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ITypeParameter.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/log/FrameworkLog.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/XMLContentDescriber.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/runnable/ParameterizedRunnable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/TypeParameterElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/datalocation/Location.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/runnable/ApplicationRunnable.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AndPointcut.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BeforeAdviceDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterThrowingAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PerObject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CflowPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterAdviceDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PerCflow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/OrPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ReferencePointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/core/dom/AjTypeDeclFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/InterTypeFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AspectDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PointcutDesignator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/core/dom/AjASTConverterFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PointcutDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AfterReturningAdviceDeclaration.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NotPointcut.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/Agent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/Options.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/Aj.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/definition/Definition.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/DefaultMessageHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/loadtime/ConcreteAspectCodeGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/DeclareAnnotation.java
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*   Stephan Wahlbrink - Fix for bug 200997.
*   Thirumala Reddy Mutchukota (thirumala@google.com) -
*   Bug 432049, JobGroup API and implementation
*   Bug 105821, Support for Job#join with timeout and progress monitor
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*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
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*   Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*   Bug 462025 - [null][test] create tests for manipulating external null annotations
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnParameterizedSingleTypeReference.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/CharArrayMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/CharArrayHashMap.java
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*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         bug 358903 - Filter practically unimportant resource leak warnings
*         bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *         bug 388281 - [compiler][null] inheritance of null annotations as an option
*         bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*         bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*         bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*         bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*         bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*         Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*         Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*         Bug
 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*         Bug 426792 - [1.8][inference][impl] generify new type inference engine
*         Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*         Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*         Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 431581 - Eclipse compiles what it should not
*         Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*         Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*         Bug 446442 - [1.8] merge null annotations from
 super methods
*         Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error
messages
*         Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*     Jesper S Moller - Contributions for
```

*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*   Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*   bug 386692 - Missing "unused" warning on "autowired" fields
*   Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*   bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource
*   Sebastian Zarnekow - Contributions for
*   bug 544921 - [performance] Poor performance with large source files
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*   Bug 420953 - [subwords] Constructors that don't match prefix not found
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contribution for
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions
*   Microsoft Corporation - Contribution for bug 575562 - improve completion search performance
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*   IBM Corporation - changed interface to extend IBinding
*   IBM Corporation - renamed from IResolvedMemberValuePair to IMemberValuePairBinding
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IMemberValuePairBinding.java

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* Contributors:
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/DevClassPathHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/ReferenceHashSet.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ModularClassFileMatchLocator.java
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*
* Contributors:
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/AsynchronousFileCacheBacking.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/ZippedFileCacheBacking.java
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*   Stephan Herrmann - Contribution for
*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IMethodBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ITypeBinding.java
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*   IBM Corporation - initial API and implementation
*   Semion Chichelnitsky (semion@il.ibm.com) - bug 208564
*   Jan-Ove Weichel (janove.weichel@vogella.com) - bug 474359
**********/

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* Contributors:
*     IBM Corporation - initial API and implementation
*     Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
*     Hannes Wellmann - Bug 576644: Implement BundleReference for BundleURLConnection
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionWorld.java
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*   Benjamin Muskalla - Contribution for bug 239066
*   Stephan Herrmann - Contributions for
*   bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*   bug 295551 - Add option to automatically promote all warnings to errors
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug
 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 366063 - Compiler should not add synthetic @NonNull annotations
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*   Jesper Steen Moller - Contributions for
*   bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
*   bug 407297 - [1.8][compiler] Control generation of parameter names by option
**/

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jar/org/aspectj/ajdt/internal/compiler/lookup/OwningClassSupportForFieldBindings.aj
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/AnonymousClassPublisher.aj
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/ajdt/internal/compiler/lookup/OwningClassSupportForMethodBindings.aj
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/ajdt/internal/compiler/lookup/AnonymousClassCreationListener.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/ajdt/internal/compiler/parser/AllowAssertAndEnumAsIdentifierTokensInPointcutExpressions.aj
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 292478 - Report potentially null across variable assignment
*   bug 335093 - [compiler][null] minimal hook for future null annotation support
*   bug 349326 - [1.7] new warning for missing try-with-resources

* bug 186342 - [compiler][null] Using annotations for null checking
* bug 358903 - Filter practically unimportant resource leak warnings
* bug 370639 - [compiler][resource] restore the default for resource leak warnings
* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 430150 - [1.8][null] stricter checking against type variables
* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
* Jesper S Moller - Contributions for
* Bug 378674 - "The method can be declared as static" is wrong
* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
* Bug 529556 - [18.3] Add content assist support for 'var' as a type
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
* Bug 426616 - [1.8][compiler] Type Annotations, multiple problems
**********/

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* Serge Beauchamp (Freescale Semiconductor) - [229633] Group Support
* Broadcom Corporation - build configurations
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*   IBM Corporation - fix for 342598
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*   wharley@bea.com - initial API and implementation
*   IBM Corporation - fix for 342598
*   IBM Corporation - Java 8 support
*   het@google.com - Bug 427943 - The method
org.aspectj.org.eclipse.jdt.internal.compiler.apt.model.Factory.getPrimitiveType does not throw
IllegalArgumentException
***/

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*   Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 133125 - [compiler][null] need to report the null status of expressions and analyze them simultaneously
*   bug 292478 - Report potentially null across variable assignment
*   bug 324178 - [null] ConditionalExpression.nullStatus(..) doesn't take into account the analysis of condition itself
*   bug 354554 - [null] conditional with redundant condition
 yields weak error message
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 426078 - [1.8] VerifyError when conditional expression passed as an argument
*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *   Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*   Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*   Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
**/

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```
*       bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*       bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
**********************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedThisReference.java
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*     IBM Corporation - initial API and implementation
*     Vladimir Piskarev <pisv@1c.ru> - Building large Java element deltas is really slow -
https://bugs.eclipse.org/443928
*     Vladimir Piskarev <pisv@1c.ru> - F_CONTENT sometimes lost when merging deltas -
https://bugs.eclipse.org/520336
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/index/JavaIndexer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IBootstrapMethodsAttribute.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/JarIndexLocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IBootstrapMethodsEntry.java
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*   Andy Clement   Extensions for better IDE representation
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*   John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportEditor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportGroupComparator.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/TypeVariable.java
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*     Stephan Herrmann - Contributions for
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*******************************************************************************/
```

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TagBits.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionJavadoc.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ITypeHierarchy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntLiteralMinValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetToCuMapper.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/InitializationFlowContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceJavadocParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InferenceContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IWorkingCopy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NumberLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LongLiteralMinValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ISlaveDocumentManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaModel.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ByteCodeVisitorAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FloatLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/DoubleLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathValidation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IElementChangedListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelStatus.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelMarker.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexBinaryFolder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IBytecodeVisitor.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LongLiteral.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/AssertionFailedException.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryMember.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PublicScanner.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/Messages.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AbstractImageBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/InstanceofExpression.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/ParserBasicInformation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ClassFileInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceType.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MatchLocatorParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionScanner.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AnnotationBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ASTRewriteAnalyzer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/FieldLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CompilationUnitProblemFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ASTVisitor.java
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*   John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ConflictingSimpleNameFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportComment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportComparator.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportAdder.java
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*   Stephan Herrmann - Contributions for
*   bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903 - Filter practically unimportant resource
 leak warnings
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424727 - [compiler][null] NullPointerException in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*   Bug 424710
 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*   Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
*   Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?

```
*       Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
*       Bug 424930 - [1.8][compiler] Regression: "Cannot infer type arguments" error from compiler.
*       Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *      Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 429203 - [1.8][compiler] NPE in AllocationExpression.binding
*       Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*       Bug 434297 - [1.8] NPE in LamdaExpression.analyseCode with lamda expression nested in a conditional
expression
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler]
 Revive code generation support for type annotations (from Olivier's work)
*                       Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
*     Till Brychcy - Contributions for
*           bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*           Bug 473178
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*     Stephan Herrmann - Contributions for
*           bug 343713 - [compiler] bogus line number in constructor of inner class in 1.5 compliance
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
```

```
*       bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
*       bug 368546 - [compiler][resource] Avoid
 remaining false positives found when compiling the Eclipse SDK
*       bug 383690 - [compiler] location of error re uninitialized final field should be aligned
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions
 for
*                         bug 386692 - Missing "unused" warning on "autowired" fields
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ConstructorDeclaration.java
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*     John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/RewriteSite.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/TypeConflictingSimpleNameFinder.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/NewImportEntry.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/PackageImportComparator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportEntry.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OnDemandComputer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OrderPreservingImportAdder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportDeclarationWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OriginalImportEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/PackageAndContainingTypeImportComparator.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportsDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/RemovedImportCommentReassigner.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportRewriteConfiguration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/StaticConflictingSimpleNameFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/OnDemandReduction.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
***/

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*         Andy Clement - Contributions for
*                        Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeVisibleTypeAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleTypeAnnotationsAttribute.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeInvisibleTypeAnnotationsAttribute.java
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* Contributors:
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerDeltaManager.java
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* Contributors:
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*         Bug 407191 - [1.8] Binary access support for type annotations
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationInfo.java
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* Contributors:
*     Xerox/PARC     initial implementation
* ******************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/Version.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     IBM Corporation - added the following constants
*          NonStaticAccessToStaticField
```

```
*         NonStaticAccessToStaticMethod
*         Task
*         ExpressionShouldBeAVariable
*         AssignmentHasNoEffect
*     IBM Corporation - added the following constants
*         TooManySyntheticArgumentSlots
*         TooManyArrayDimensions
*         TooManyBytesForStringConstant
*         TooManyMethods
*         TooManyFields
 *         NonBlankFinalLocalAssignment
*         ObjectCannotHaveSuperTypes
*         MissingSemiColon
*         InvalidParenthesizedExpression
*         EnclosingInstanceInConstructorCall
*         BytecodeExceeds64KLimitForConstructor
*         IncompatibleReturnTypeForNonInheritedInterfaceMethod
*         UnusedPrivateMethod
*         UnusedPrivateConstructor
*         UnusedPrivateType
*         UnusedPrivateField
*         IncompatibleExceptionInThrowsClauseForNonInheritedInterfaceMethod
*         InvalidExplicitConstructorCall
*     IBM Corporation - added the following constants
*         PossibleAccidentalBooleanAssignment
*         SuperfluousSemicolon
*         IndirectAccessToStaticField
*         IndirectAccessToStaticMethod
*         IndirectAccessToStaticType
*         BooleanMethodThrowingException
*         UnnecessaryCast
*         UnnecessaryArgumentCast
*         UnnecessaryInstanceof
*
   FinallyMustCompleteNormally
*         UnusedMethodDeclaredThrownException
*         UnusedConstructorDeclaredThrownException
*         InvalidCatchBlockSequence
*         UnqualifiedFieldAccess
*     IBM Corporation - added the following constants
*         Javadoc
*         JavadocUnexpectedTag
*         JavadocMissingParamTag
*         JavadocMissingParamName
*         JavadocDuplicateParamName
*         JavadocInvalidParamName
*         JavadocMissingReturnTag
*         JavadocDuplicateReturnTag
```

```
*         JavadocMissingThrowsTag
*         JavadocMissingThrowsClassName
*         JavadocInvalidThrowsClass
*         JavadocDuplicateThrowsClassName
*         JavadocInvalidThrowsClassName
*         JavadocMissingSeeReference
*         JavadocInvalidSeeReference
*         JavadocInvalidSeeHref
*         JavadocInvalidSeeArgs
*         JavadocMissing
*         JavadocInvalidTag
*         JavadocMessagePrefix
 *         EmptyControlFlowStatement
*    IBM Corporation - added the following constants
*         IllegalUsageOfQualifiedTypeReference
*         InvalidDigit
*    IBM Corporation - added the following constants
*         ParameterAssignment
*         FallthroughCase
*    IBM Corporation - added the following constants
*                         UnusedLabel
*                         UnnecessaryNLSTag
*                         LocalVariableMayBeNull
*                         EnumConstantsCannotBeSurroundedByParenthesis
*                         JavadocMissingIdentifier
*                         JavadocNonStaticTypeFromStaticInvocation
*                         RawTypeReference
*                         NoAdditionalBoundAfterTypeVariable
*                         UnsafeGenericArrayForVarargs
*                         IllegalAccessFromTypeVariable
*
  AnnotationValueMustBeArrayInitializer
*                         InvalidEncoding
*                         CannotReadSource
*                         EnumStaticFieldInInInitializerContext
*                         ExternalProblemNotFixable
*                         ExternalProblemFixable
*    IBM Corporation - added the following constants
*                         AnnotationValueMustBeAnEnumConstant
*                         OverridingMethodWithoutSuperInvocation
*                         MethodMustOverrideOrImplement
*                         TypeHidingTypeParameterFromType
*                         TypeHidingTypeParameterFromMethod
*                         TypeHidingType
*    IBM Corporation - added the following constants
*         NullLocalVariableReference
*         PotentialNullLocalVariableReference
*         RedundantNullCheckOnNullLocalVariable
```

```
*          NullLocalVariableComparisonYieldsFalse
 *          RedundantLocalVariableNullAssignment
*          NullLocalVariableInstanceofYieldsFalse
*          RedundantNullCheckOnNonNullLocalVariable
*          NonNullLocalVariableComparisonYieldsFalse
*    IBM Corporation - added the following constants
*                         InvalidUsageOfTypeParametersForAnnotationDeclaration
*                         InvalidUsageOfTypeParametersForEnumDeclaration
*    IBM Corporation - added the following constants
*         RedundantSuperinterface
*  Benjamin Muskalla - added the following constants
*       MissingSynchronizedModifierInInheritedMethod
*  Stephan Herrmann  - added the following constants
*       UnusedObjectAllocation
*       PotentiallyUnclosedCloseable
*       PotentiallyUnclosedCloseableAtExit
*       UnclosedCloseable
*       UnclosedCloseableAtExit
*       ExplicitlyClosedAutoCloseable
*          RequiredNonNullButProvidedNull
 *        RequiredNonNullButProvidedPotentialNull
*        RequiredNonNullButProvidedUnknown
*        NullAnnotationNameMustBeQualified
*        IllegalReturnNullityRedefinition
*        IllegalRedefinitionToNonNullParameter
*        IllegalDefinitionToNonNullParameter
*        ParameterLackingNonNullAnnotation
*        ParameterLackingNullableAnnotation
*        PotentialNullMessageSendReference
*        RedundantNullCheckOnNonNullMessageSend
*        CannotImplementIncompatibleNullness
*        RedundantNullAnnotation
*       RedundantNullDefaultAnnotation
*       RedundantNullDefaultAnnotationPackage
*       RedundantNullDefaultAnnotationType
*       RedundantNullDefaultAnnotationMethod
*       ContradictoryNullAnnotations
*       IllegalAnnotationForBaseType
*       RedundantNullCheckOnSpecdNonNullLocalVariable
*       SpecdNonNullLocalVariableComparisonYieldsFalse
*       RequiredNonNullButProvidedSpecdNullable
*       MissingDefaultCase
 *       MissingEnumConstantCaseDespiteDefault
*       UninitializedLocalVariableHintMissingDefault
*       UninitializedBlankFinalFieldHintMissingDefault
*       ShouldReturnValueHintMissingDefault
*       IllegalModifierForInterfaceDefaultMethod
*       InheritedDefaultMethodConflictsWithOtherInherited
```

* ConflictingNullAnnotations
* ConflictingInheritedNullAnnotations
* UnsafeElementTypeConversion
* ArrayReferencePotentialNullReference
* DereferencingNullableExpression
* NullityMismatchingTypeAnnotation
* NullityMismatchingTypeAnnotationSuperHint
* NullityUncheckedTypeAnnotationDetail
* NullityUncheckedTypeAnnotationDetailSuperHint
* NullableFieldReference
* UninitializedNonNullField
* UninitializedNonNullFieldHintMissingDefault
* NonNullMessageSendComparisonYieldsFalse
* RedundantNullCheckOnNonNullSpecdField
* NonNullSpecdFieldComparisonYieldsFalse
* NonNullExpressionComparisonYieldsFalse
* RedundantNullCheckOnNonNullExpression
* ReferenceExpressionParameterNullityMismatch
* ReferenceExpressionParameterNullityUnchecked
* ReferenceExpressionReturnNullRedef
* ReferenceExpressionReturnNullRedefUnchecked
* DuplicateInheritedDefaultMethods
* SuperAccessCannotBypassDirectSuper
* SuperCallCannotBypassOverride
* ConflictingNullAnnotations
* ConflictingInheritedNullAnnotations
* UnsafeElementTypeConversion
* PotentialNullUnboxing
* NullUnboxing
* NullExpressionReference
* PotentialNullExpressionReference
* RedundantNullCheckAgainstNonNullType
* NullAnnotationUnsupportedLocation
* NullAnnotationUnsupportedLocationAtType
* NullityMismatchTypeArgument
* ContradictoryNullAnnotationsOnBound
* UnsafeNullnessCast
* ContradictoryNullAnnotationsInferred
* NonNullDefaultDetailIsNotEvaluated
* NullNotCompatibleToFreeTypeVariable
* NullityMismatchAgainstFreeTypeVariable
* ImplicitObjectBoundNoNullDefault
* IllegalParameterNullityRedefinition
* ContradictoryNullAnnotationsInferredFunctionType
* IllegalReturnNullityRedefinitionFreeTypeVariable
* UnlikelyCollectionMethodArgumentType
* UnlikelyEqualsArgumentType
* Jesper S Moller - added the following constants

* TargetTypeNotAFunctionalInterface
* OuterLocalMustBeEffectivelyFinal
* IllegalModifiersForPackage
* DuplicateAnnotationNotMarkedRepeatable
* DisallowedTargetForContainerAnnotation
* RepeatedAnnotationWithContainerAnnotation
* ContainingAnnotationMustHaveValue
* ContainingAnnotationHasNonDefaultMembers
* ContainingAnnotationHasWrongValueType
* ContainingAnnotationHasShorterRetention
* RepeatableAnnotationHasTargets
* RepeatableAnnotationTargetMismatch
* RepeatableAnnotationIsDocumented
* RepeatableAnnotationIsInherited
* RepeatableAnnotationWithRepeatingContainerAnnotation
* VarLocalMultipleDeclarators
* VarLocalCannotBeArray
* VarLocalReferencesItself
* VarLocalWithoutInitizalier
* VarLocalInitializedToNull
* VarLocalCannotBeArrayInitalizers
* VarLocalCannotBeLambda
* VarLocalCannotBeMethodReference
* VarIsReserved
* VarIsReservedInFuture
* VarIsNotAllowedHere
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/compiler/IProblem.java
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* Contributors:
* Andy Clement - initial implementation {date}
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeTypeAnnos.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisTypeAnnos.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisTypeAnnos.java

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* Contributors:
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*     Stephan Herrmann - Contribution for
*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*         Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJar.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/signedcontent/SignedBundleHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/location/LocationHelper.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ExecutableTypeImpl.java
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*   Stephan Herrmann - Contribution for
*   Bug 428811 - [1.8][compiler] Type witness unnecessarily required
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/PolyTypeBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfInteger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/RecoveredPackageBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJmod.java
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* Contributors:
*   Stephan Herrmann - initial API and implementation
*   Nikolay Metchev (nikolaymetchev@gmail.com) - Contributions for
*   bug 411098 - [compiler][resource] Invalid Resource Leak Warning using ternary operator inside try-with-resource
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FakedTrackingVariable.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AjConstructorDeclaration.java
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*   Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   Bug 320841 - TypeConverters don't set enclosingType

```
*            Bug 353474 - type converters should include more annotations
*******************************************************************************/
```

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*     Stephan Herrmann - Contributions for
*        bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*        Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop
 with close in try/catch
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/DoStatement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/MarkerAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/buddy/IBuddyPolicy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/JobActivator.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/security/TrustEngine.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/signedcontent/SignerInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/signedcontent/InvalidContentException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/signedcontent/SignedContentEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExecutableExtensionFactory.java
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*   Stefan Xenos - initial API and implementation
*   Stefan Xenos - bug 174539 - add a 1-argument convert(...) method
*   Stefan Xenos - bug 174040 - SubMonitor#convert doesn't always set task name
*   Stefan Xenos - bug 206942 - updated javadoc to recommend better constants for infinite progress
*   Stefan Xenos (Google) - bug 475747 - Support efficient, convenient cancellation checks in SubMonitor
*   Stefan Xenos (Google) - bug 476924 - Add a SUPPRESS_ISCANCELED flag to SubMonitor
*   IBM Corporation - ongoing maintenance
*   Christoph Laeubrich - adjust to new API
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/permissionadmin/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/condpermadmin/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/util/tracker/package-info.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/packageadmin/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/resolver/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/weaving/WeavingHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/url/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/startlevel/package-info.java
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*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*         bug 383368 - [compiler][null] syntactic null analysis for field references
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/BinaryExpression.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/FilterTypeManager.java

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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*         bug 185682 - Increment/decrement operators mark local variables as read
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:
 info cannot be null
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 458396 - NPE in CodeStream.invoke()
*     Jesper S Moller - Contributions for
*         Bug 378674 - "The method can be declared as static" is wrong
*     Robert Roth <robert.roth.off@gmail.com> - Contributions for
*         Bug 361039 - NPE in FieldReference.optimizedBooleanConstant
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java
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*        bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 364890 - BinaryTypeBinding should use char constants from Util
*        bug 365387 - [compiler][null] bug 186342: Issues to follow up post review and verification.
*        bug 358903 - Filter practically unimportant resource leak warnings
*        bug
 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*        bug 388800 - [1.8][compiler] detect default methods in class files
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        bug 331649 - [compiler][null] consider null annotations for fields
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
```

```
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*       Bug 392245 - [1.8][compiler][null] Define whether
 / how @NonNullByDefault applies to TYPE_USE locations
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*       Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
*       Bug 454182 - Internal compiler error when using
 1.8 compliance for simple project
*       Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
*       Bug 447661 - [1.8][null] Incorrect 'expression needs unchecked conversion' warning
*    Jesper Steen Moller - Contributions for
*       Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*    Sebastian Zarnekow - Contributions for
*       bug 544921 - [performance] Poor performance with large source files
*    Alexander Lehmann - Contributions for
*       bug 566258 - Intermittent NPE in APT RoundDispatcher
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/connect/ConnectInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/ContentProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/YieldStatement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/CollectSyncStatusVisitor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/InvalidSyntaxException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/BundleException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/BundleActivator.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/util/tracker/ServiceTrackerCustomizer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/ServiceEvent.java

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*   Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)

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*   Andy Clement - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*   Jesper Steen Moeller - Contribution for
*   Bug 406973 - [compiler] Parse MethodParameters attribute
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/NativeCodeSpecification.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/DisabledInfo.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/signedcontent/SignedContentFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/signedcontent/SignedContent.java
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*   olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CaseStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionNodeDetector.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocParser.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionJavadocParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/TerminalTokens.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTNode.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryElementValuePair.java
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*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   Stephan Herrmann - Contribution for
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super

```
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 416182 - [1.8][compiler][null]
 Contradictory null annotations not rejected
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemReasons.java
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*           Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*       Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/BindingKeyResolver.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/eventmgr/EventListeners.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/eventmgr/CopyOnWriteIdentityMap.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceElementNotifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/launch/Equinox.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/SecurityAdmin.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/CompletionUnitStructureRequestor.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/TypeConverter.java

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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedSuperReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AbortIncrementalBuildException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/DeleteEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryChangeEvent.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceField.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSuperReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TreeIterationInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/CopyingRangeMarker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/ILineStartFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/SafeFileInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ITextStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/XMLWriter.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExecutableExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/IRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/VariablesInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/AbstractDataTree.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/ReplaceEdit.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageDeclarationLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ILRUCacheable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ISynchronizable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/IJavaElementRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/SaveIndex.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/InsertEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/ISearchPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/MalformedTreeException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/CompletionRequestorAdapter.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/INamingRequestor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/MultiTextEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/RangeMarker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/HashtableOfStringAndInt.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/IPathRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ProblemFactory.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/resolver/ResolverHookFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/BundleRevisions.java
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 417295 - [1.8[[null] Massage type annotated
 null analysis to gel well with deep encoded type bindings.
*   Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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*   Jesper S Moller -. Contribution for bug 400830: [1.8][formatter] Code formatter for Java 8
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/TheOriginalJDTScannerClass.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Vladimir Piskarev <pisv@1c.ru> - Building large Java element deltas is really slow -
https://bugs.eclipse.org/443928
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementDeltaBuilder.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/GeneratedReferenceTypeDelegate.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Utils.java
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*   Rob Harrop - SpringSource Inc. (bug 247522)
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*     Andrey Loskutov <loskutov@gmx.de> - bug 484014
**********************************************************************************/
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Tim Hanson <thanson@bea.com> - fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=137634
*     Sebastian Zarnekow - Contribution for
*       Bug 545491 - Poor performance of ReferenceCollection with many source files
*******************************************************************************/
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*
* Contributors:
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
**********************************************************************************/
```

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in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ClassFileConstants.java
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*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 367203 - [compiler][null] detect assigning null to nonnull argument
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally
 encoding nullness defaults
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*       Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 443347 - [1.8][null]
 @NonNullByDefault should not affect constructor arguments of an anonymous instantiation
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
```

*   Bug 456584 - [1.8][null] Bogus warning for return type variable's @NonNull annotation being 'redundant'
*   Bug 471611 - Error on hover on call to generic method with null annotation
*   Jesper Steen Moller - Contributions for
*   Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/ResolverHookException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/StateWire.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/resolver/HostedCapability.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/PrototypeServiceFactory.java

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*     Stephan Herrmann - Contribution for Bug 464615 - [dom] ASTParser.createBindings() ignores parameterization
of a method invocation
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedBinaryField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedBinaryType.java
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*          bug 325755 - [compiler] wrong initialization state after conditional expression
*          bug 320170 - [compiler] [null] Whitebox issues in null analysis
*          bug 292478 - Report potentially null across variable assignment
*          bug 332637 - Dead Code detection removing code that isn't dead
*          bug 341499 - [compiler][null] allocate extra bits in all methods of UnconditionalFlowInfo
 *          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 386181 - [compiler][null] wrong transition in UnconditionalFlowInfo.mergedWith()
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 454031 - [compiler][null][loop] bug in null analysis; wrong "dead code" detection
*       Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
```

***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/UnconditionalFlowInfo.java
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
 checking
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AssertStatement.java
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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*        Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*     Karsten Thoms - Bug 532505
*     Sebastian Zarnekow - Contribution for
*        Bug 545491 - Poor performance of ReferenceCollection with many source files
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*   Stephan Wahlbrink - Fix for bug 200997.
*   Danail Nachev - Fix for bug 109898
*   Mike Moreaty - Fix for bug 289790
*   Oracle Corporation - Fix for bug 316839
*   Thirumala Reddy Mutchukota (thirumala@google.com) -
*   Bug 432049, JobGroup API and implementation
*   Bug 105821, Support for Job#join with timeout and progress monitor
*   Jan Koehnlein - Fix for bug 60964 (454698)
*   Terry Parker - Bug
 457504, Publish a job group's final status to IJobChangeListeners
*   Xored Software Inc - Fix for bug 550738
*   Christoph Laeubrich - remove deprecated API
**********/

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*   Martin Oberhuber (Wind River) - [245937] setLinkLocation() detects non-change
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*   Markus Schorn (Wind River) - [306575] Save snapshot location with project
*   Broadcom Corporation - build configurations and references
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********/

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*     Joerg Kubitz    - caching
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MemberRef.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/LineComment.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/location/Locker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodRefParameter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ChildPropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/StructuralPropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/DataArea.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/InternalASTRewrite.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/WeakHashSetOfCharArray.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SimplePropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/WeakHashSet.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/BundleURLConverter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TextElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodRef.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AnnotationTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/BundleEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ChildListPropertyDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/AuthorizationHandler.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*         bug 328281 - visibility leaks not detected when analyzing unused field in private class
*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365836 - [compiler][null] Incomplete propagation of null defaults.
*         bug 365519 - editorial cleanup after bug 186342
 and bug 365387
*         bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*         bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*         bug 366063 - Compiler should not add synthetic @NonNull annotations
*         bug 384663 - Package Based Annotation Compilation Error in JDT 3.8/4.2 (works in 3.7.2)
*         bug 386356 - Type mismatch error with annotations and generics
*         bug 388281 - [compiler][null] inheritance of null annotations as an option
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 380896 - [compiler][null] Enum constants not recognised as being NonNull.
*         bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
 *         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*         Bug 416172 - [1.8][compiler][null] null type annotation not evaluated on method return type
*         Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*         Bug 426048 - [1.8] NPE in TypeVariableBinding.internalBoundCheck when parentheses are not balanced
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
```

```
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 441693 - [1.8][null]
 Bogus warning for type argument annotated with @NonNull
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*       Bug 461250 - ArrayIndexOutOfBoundsException in SourceTypeBinding.fields
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Jesper S Moller <jesper@selskabet.org> -  Contributions for
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*     Till Brychcy - Contributions for
*          bug 415269 - NonNullByDefault is not always inherited to nested classes
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*     Sebastian Zarnekow - Contributions
 for
*       bug 544921 - [performance] Poor performance with large source files
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SourceTypeBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundDispatcher.java
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*        Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/DiscardWorkingCopyOperation.java
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*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
```

* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AnnotationOnTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerTypeWithin.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerAttributeMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkspaceDescriptionReader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/PathVariableManager.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ProjectNatureDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoReader_3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ProjectInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkspacePreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoReader_2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/Synchronizer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceChangeEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/NatureManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/ObjectMap.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/ElementTree.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoSnapReader_3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerTypeDefinitionCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/Container.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/eventmgr/EventManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/BundleContextImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/util/SecureAction.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceRegistrationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceFactoryUse.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/FilterImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/legacy/PackageAdminImpl.java
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
*   Mickael Istria (Red Hat Inc.) - Bug 488937
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/internal/adaptor/EclipseAppLauncher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/RegistryFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/SimpleResourceMapping.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/propertytester/ProjectPropertyTester.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/propertytester/ResourceMappingPropertyTester.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/osgi/Activator.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/util/Headers.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceReferenceImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/AliasMapper.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/SystemBundleLoader.java
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*   Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/DefaultCacheFactory.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/CacheKeyResolver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/DefaultCacheKeyResolver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/CacheStatistics.java
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*  Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
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*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   Jesper S Moller - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
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*     IBM Corporation - initial API and implementation
* Martin Oberhuber (Wind River) - [184534] get attributes from native lib
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*
* Contributors:
*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/LocationValidator.java
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```
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*
* SPDX-License-Identifier: EPL-2.0
*
* Contributors:
*   IBM Corporation - initial API and implementation
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BooleanLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ReferenceContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ParenthesizedExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMBuilder.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionJavadoc.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/LineCommentEndOffsets.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/DocumentElementParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Assignment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/SourceModifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/formatter/old/CodeFormatter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/OverflowingLRUCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NumberLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/ManifestAnalyzer.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ReconcileWorkingCopyOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CastExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreatePackageFragmentOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayInitializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BufferManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ThrowStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/LRUCacheEnumerator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CopyElementsOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ImportDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeFinder.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/CompilerStats.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/EnumDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AssertStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/PathCollector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ICacheEnumeration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SynchronizedStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ThisExpression.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CatchClause.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementRequestor.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ASTHolderCUInfo.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMessageSend.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/EnumConstantDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodInvocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationExpression.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword1.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Receiver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AnonymousClassDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ExpressionStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/DefaultErrorHandlingPolicies.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ModelUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/SiblingEnumeration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/LabeledStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ConditionalExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/EnhancedForStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DoStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LRUCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ChildDocument.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/InternalNamingConventions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PrefixExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/CorrectionEngine.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ContinueStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Javadoc.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IfStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PrimitiveType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/MultiOperation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/UnresolvedAnnotationBinding.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/eval/EvaluationContextWrapper.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/DeletePackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexAllProject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IAnnotatable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/EmptyStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperMethodInvocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BatchInitializationMonitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateImportOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ReturnStatement.java

* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredLocalVariable.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibraryManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateFieldOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/WhileStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationFragment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Block.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperFieldAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/RewriteEventStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IErrorHandlingPolicy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NullLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BufferCache.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/RewriteEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IAccessRule.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/GenericXMLWriter.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/DefaultProblemFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperConstructorInvocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeDeclarationStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/InsideSubRoutineFlowContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SetVariablesOperation.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/InfixExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/FieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ForStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PostfixExpression.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Initializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateMethodOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclarationStatement.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ConstructorInvocation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeyword2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/AbstractDOMBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/Openable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/NodeInfoStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/QualifiedName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ListRewriteEvent.java

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*
* Contributors:
*      Xerox/PARC    initial implementation
*    Alex Vasseur    new factory methods for variants of JP
*  Abraham Nevado    new factory methods for collapsed SJPs
*    Andy Clement    new factory methods that rely on LDC <class>
* **********************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/Factory.java
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* SPDX-License-Identifier: EPL-2.0
*
* Contributors:
*     IBM Corporation - initial API and implementation
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/ITypeNameRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceFieldWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ClassFileStruct.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Message.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ExceptionTableEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/FloatCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableTableEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocParamNameReference.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/DOMCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/eval/GlobalVariableWrapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/ISearchRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/MemberValuePair.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeSearcher.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMethodReturnType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IResourceDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTableEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SimpleLookupTable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ILineNumberAttribute.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnClassLiteralAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantValueAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/StringSet.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ICompletionRequestor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IExceptionTableEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/MemoryIndex.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadoc.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotationComponentValue.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnFieldName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ILineTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ConfigurationElement.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AddFolderToIndex.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ISourceAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/LocalVariableDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetCompiler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/StackMapFrame.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SingleTypeRequestor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnImportReference.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/Label.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ICodeFormatter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SyntheticFieldBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/LineInformation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExtensionPoint.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/RangeUtil.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExtendedStringLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexingParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/DOMException.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/AbortCompilation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodWithChildrenInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathAccessRule.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/InvalidCursorLocation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionNodeFound.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IDocumentElementRequestor.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/SearchMatch.java
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*   IBM Corporation - initial API and implementation
*   het@google.com - Bug 441790
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/AnnotationValueImpl.java
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*   Stephan Herrmann - Contributions for
*   bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   bug 401030 - [1.8][null] Null analysis support for lambda methods.
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
***/

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/LocalTypeBinding.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultCommentMapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/log/FrameworkLogEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/FloatUtil.java
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* Contributors:
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*     Stephan Herrmann - Contribution for
*         Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/Util.java
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*     Stephan Herrmann - Contributions for
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         bug 388281 - [compiler][null] inheritance of null annotations as an option
*         bug 388795 - [compiler] detection of name clash depends on order of super interfaces
```

```
*       bug 388739 - [1.8][compiler] consider default methods when detecting whether
 a class needs to be declared abstract
*       bug 390883 - [1.8][compiler] Unable to override default method
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 401246 - [1.8][compiler] abstract class method should now trump conflicting default methods
*       bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*       bug 403867 - [1.8][compiler] Suspect error about duplicate default methods
*       bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*       bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*       bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*       Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*       Bug 404690 - [1.8][compiler] revisit bridge generation after VM bug is fixed
 *       Bug 410325 - [1.7][compiler] Generified method override different between javac and eclipse compiler
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*       Bug 440773 - [1.8][null]DefaultLocation.RETURN_TYPE erroneously affects method parameters in
@NonNullByDefault
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 446442 - [1.8] merge null annotations from super methods
**********************************************************************************/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier15.java
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* Contributors:
*    tyeung@bea.com - initial API and implementation
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*         Bug 407191 - [1.8] Binary access support for type annotations
*******************************************************************************/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/FieldInfoWithAnnotation.java
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* Contributors:
*   IBM - Initial API and implementation
*   Mikael Barbero (Eclipse Foundation) - 286681 handle WAIT_ABANDONED_0 return value
**********/

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*   Andy Clement
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*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 478864

***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IAdapterManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IAdaptable.java
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* Contributors:
*   tyeung@bea.com - initial API and implementation
*   IBM Corporation - fix for bug 342757
*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
***/

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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithParameterAnnotations.java
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   bug 413958 - Function override returning inherited Generic Type
*   Bug 400874 - [1.8][compiler] Inference infrastructure
 should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding

* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 446442 - [1.8] merge null annotations from super methods
* Bug 457079 - Regression:
 type inference
**********/

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* /aspectjtools-1-9-9-1-sources-1-
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* Chris McGee (IBM) - Bug 380325 - Release filesystem fragment providing Java 7 NIO2 support
* Sergey Prigogin (Google) - Bug 458006 - Fix tests that fail on Mac when filesystem.java7 is used
**********/

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*   tyeung@bea.com - initial API and implementation
*   IBM Corporation - implemented methods from IBinding
*   IBM Corporation - renamed from ResolvedMemberValuePair to MemberValuePairBinding
*   jgarms@bea.com - Fix for IllegalStateException
*   IBM Corporation - Fix for 223225
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*   James Blackburn (Broadcom Corp.) - Bug 311863 Ordered Lock lost after interrupt
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionShadow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/DefaultMatchingContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/PointcutExpressionImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/TypeVariablePatternList.java
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/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/DeclareErrorOrWarningImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/InterTypeFieldDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcPrivileged.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/UnsupportedPointcutPrimitiveException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/InterTypeConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/DeclareErrorOrWarning.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/PointcutParameterImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/StandardShadow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/DeclareParents.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcDeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/internal/tools/MatchingContextBasedTest.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/PointcutImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionVar.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/DeclareError.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/Pointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/PerClauseImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/HasMemberTypePatternFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcDeclareEoW.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcITD.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/AjType.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/PerClause.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/MatchingContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/SignaturePatternImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AtAspectJAnnotationFactory.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/weaver/internal/tools/PointcutDesignatorHandlerBasedPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/InterTypeDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/TypePatternImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/Advice.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/ShadowMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/PointcutDesignatorHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/InterTypeDeclaration.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/StringToType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/DeclareSoft.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/JoinPointMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/InterTypeConstructorDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/AjTypeImpl.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegateFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/Java14GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/ContextBasedMatcher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/DeclareSoftImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/NoSuchPointcutException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/TypePattern.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/TypeVariableReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/context/ContextFormatter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/DeclareParentsImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcDeclareParents.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/AdviceImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ShadowMatchImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/PointcutExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/SignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcDeclareAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/DeclarePrecedenceImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/InterTypeFieldDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/JoinPointSignature.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/TypeVariablePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/JoinPointSignatureIterator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/Java15GenericSignatureInformationProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/PointcutBasedPerClauseImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegate.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/DeclareAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/PerClauseKind.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/TypePatternBasedPerClauseImpl.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/Java15ReflectionBasedReferenceTypeDelegate.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/TypePatternBasedPerClause.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/DeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AbstractPatternNodeVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/MissingResolvedTypeWithKnownSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/DeclareWarning.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/InterTypeMethodDeclarationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ScopeWithTypeVariables.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/reflect/DeclareAnnotationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/context/ContextToken.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/PointcutParameter.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/AdviceKind.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/HasThisTypePatternTriedToSneakInSomeGenericOrParameterizedTypePatternMatchingStuffAnywhereVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/InterTypeMethodDeclaration.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/StandardShadowMatchImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/JoinPointMatchImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/PointcutBasedPerClause.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/internal/lang/annotation/ajcDeclareSoft.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/AjTypeSystem.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelGenericSignatureToTypeXConverter.java
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*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
***/

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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/IntersectionCastTypeReference.java
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/FindSupport.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/ResourceTranslator.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ThisOrTargetAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/internal/tools/PointcutExpressionImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BindingPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ArgsAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/internal/tools/StandardPointcutExpressionImpl.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/internal/tools/TypePatternMatcherImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ExactAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PointcutEvaluationExpenseComparator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NotAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AnnotationPatternList.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BindingAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/PointcutPrimitive.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AndAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WithinCodeAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WildAnnotationTypePattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/StandardPointcutExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PointcutRewriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/OrAnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/PointcutExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WithinAnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AnnotationTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AnnotationPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/TypePatternMatcher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AnnotatedElement.java
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*   Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
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*     Till Brychcy - Contributions for
*                         Bug 467482 - TYPE_USE null annotations: Incorrect "Redundant null check"-warning
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NullAnnotationMatching.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnStringLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/spi/ConfigurationElementAttribute.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMemberValueName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/IRegistryConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/IModelProviderDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/AssistNodeParentAnnotationArrayInitializer.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnAnnotationMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/DocumentAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/TypeParameterReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnBreakStatement.java
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*   Stephan Herrmann - contributions for
*   bug 336428 - [compiler][null] bogus warning "redundant null check" in condition of do {} while() loop
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 365859 - [compiler][null]
 distinguish warnings based on flow analysis vs. null annotations
*   bug 385626 - @NonNull fails across loop boundaries
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 376263 - Bogus "Potential null pointer access" warning
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   bug 406384 - Internal error with I20130413
*   Bug 415413 - [compiler][null] NullpointerException in Null Analysis caused by interaction of LoopingFlowContext and FinallyFlowContext
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 455557 - [jdt] NPE LoopingFlowContext.recordNullReference
*   Bug 455723 - Nonnull argument not correctly inferred in loop

* Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
* Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
* Jesper S Moller - contributions for
* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
**********/

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* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 407191 - [1.8] Binary access support for type annotations
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* Julian Chen - fix for bug #92572, jclRM
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/IndexQualifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/MetaIndex.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/spi/RegistryContributor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/ContributorFactorySimple.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/spi/IRegistryProvider.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/ContributorFactoryOSGi.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveryScanner.java
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*     Vladimir Piskarev <pisv@1c.ru> - Thread safety of OpenableElementInfo - https://bugs.eclipse.org/450490
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*    Andy Clement IBM     initial implementation 30-May-2004
* ******************************************************************/
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*   bug 383368 - [compiler][null] syntactic null analysis for field references
**********/

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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*   Jesper Steen Moeller - Contribution for
*   Bug 406973 - [compiler] Parse MethodParameters attribute
***/

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*        Bug 432977 - [1.8][null] Incorrect 'type is not visible' compiler error
*        Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
*********************************************************************************/
/* Taking the binding of QTR as an example, there could be different annotatable components, but we come in a
with a single binding, e.g:

 @T Z;                          type => Z  annotations => [[@T]]
     @T Y.@T Z                        type => Z  annotations => [[@T][@T]]
     @T X.@T Y.@T Z                       type => Z  annotations => [[@T][@T][@T]]
     java.lang.@T X.@T Y.@T Z                 type => Z  annotations => [[][@T][@T][@T]]
     in all these cases the incoming type binding is for Z, but annotations are for different levels. We need to align their
layout for proper attribution.
    */
```

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*   Hannes Wellmann - Bug 576644: Implement BundleReference for BundleURLConnection
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*   bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
*   bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TypePattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Pattern.java
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*   Bug 441797 - [1.8] synchronize type annotations on capture and its wildcard
*   Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker
 hint from applicability analysis
*   Bug 456924 - StackOverflowError during compilation
*   Bug 462790 - [null] NPE in Expression.computeConversion()
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*   Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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*   Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleCapability.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleRevisions.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MatchingNodeSet.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/ProblemSeverities.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnMessageSend.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/RegionBasedTypeHierarchy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaProjectElementInfo.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SourceTypeCollisionException.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AnnotatableType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarEntryFile.java
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*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
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*           bug 292478 - Report potentially null across variable assignment
*           bug 332637 - Dead Code detection removing code that isn't dead
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*       Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
**********************************************************************************/
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*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 370639 - [compiler][resource]
 restore the default for resource leak warnings
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 379784 - [compiler] "Method can be static" is not getting reported
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
*       Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
*       Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream -
return inside for loop)
*       Bug 396575 - [compiler][resources] Incorrect Errors/Warnings check for potential resource leak when surrounding
 with try-catch
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*     Keigo Imai - Contribution for  bug 388903 - Cannot extend inner class as an anonymous class when it extends
```

the outer class
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/CapabilityDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/weaving/WovenClassListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/dto/BundleWireDTO.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/dto/BundleRevisionDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/dto/BundleWiringDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/dto/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/dto/BundleStartLevelDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/dto/FrameworkStartLevelDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/RequirementDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/WiringDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/dto/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/ResourceDTO.java
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*     Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*   Alex Smirnoff (alexsmr@sympatico.ca) - part of the changes to support Java-like extension
*   (see https://bugs.eclipse.org/bugs/show_bug.cgi?id=71460)
*   Microsoft Corporation - support custom options at compilation unit level
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 385626 - @NonNull fails across
 loop boundaries
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 455723 - Nonnull argument not correctly inferred in loop
*   Jesper S Moller - Contributions for
*   bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/AfterReturning.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/DeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/Aspect.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/AfterThrowing.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/Before.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelPerClauseAspectAdder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/ProceedingJoinPoint.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/AtAjAttributes.java
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Jesper Steen Moller - Contributions for
*   Bug 406973 - [compiler] Parse MethodParameters attribute
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*   Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method
*   Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

```
*       Stephan Herrmann - Contribution for
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8
 18.x (Part G of JSR335 spec)
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
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*       Bug 463533 - Signature.getSignatureSimpleName() returns different results for resolved and unresolved extends
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*       bug 186342 - [compiler][null] Using annotations for null checking
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* bug 387612 - Unreachable catch block...exception is never thrown from the try
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* bug 401456 - Code compiles from javac/intellij, but fails from eclipse
* bug 401271 - StackOverflowError
when searching for a methods references
* bug 405706 - Eclipse compiler fails to give compiler error when return type is a inferred generic
* Bug 408441 - Type mismatch using Arrays.asList with 3 or more implementations of an interface with the interface type as the last parameter
* Bug 413958 - Function override returning inherited Generic Type
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler]
Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 426589 - [1.8][compiler] Compiler error with generic method/constructor invocation as vargs argument
* Bug 426590 - [1.8][compiler] Compiler error with tenary operator
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 426998 - [1.8][compiler] method(java.lang.Class, java.lang.String) not applicable for the arguments (java.lang.Class, java.lang.String)
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
* Bug
427728 - [1.8] Type Inference rejects calls requiring boxing/unboxing
* Bug 427218 - [1.8][compiler] Verify error varargs + inference
* Bug 426836 - [1.8] special handling for return type in references to method getClass()?
* Bug 427628 - [1.8] regression : The method * is ambiguous for the type *
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type Bindings
* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
* Bug 428811 - [1.8][compiler] Type witness unnecessarily required
* Bug 429424 - [1.8][inference] Problem inferring type of method's parameter
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 452194 - Code no longer compiles in 4.4.1, but with confusing error
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 456236 - [1.8][null] Cannot infer type when constructor argument is annotated with @Nullable
* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite

```
@NonNullByDefault
*       Bug 462083 - [1.8][inference] Java 8 generic return type mismatch with interface involving type parameter.
*     Jesper S Moller - Contributions for
*       Bug 378674 - "The method can be declared as static" is wrong
*        Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*     Andy Clement (GoPivotal, Inc)
 aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*     Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*                         Bug 559618 - No compiler warning for import from same package
*                         Bug 560630 - No warning on unused import on class from same package
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/Scope.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/UsesDirective.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleDirective.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ExportsDirective.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/OpensDirective.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ModulePackageAccess.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ResourceMappingContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ReadWriteMonitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentDescription.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/DefaultDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/FileSpec.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/ITextContentDescriber.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentDescriber.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/LazyReader.java
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*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IWeavingSupport.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelWeakClassLoaderReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ArrayReferenceType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ExactAnnotationFieldTypePattern.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/WildcardedUnresolvedType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BindingAnnotationFieldTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/WeakClassLoaderReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/AnnotationAccessFieldVar.java
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*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*   Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule
*   Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*   Markus Schorn (Wind River) - [306575] Save snapshot location with project
*   Broadcom Corporation - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
*   Christoph Laeubrich - Bug 567344 - Support registration of IAdapterFactory as OSGi Service
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/EclipseClassPathManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/AspectJBuilder.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/AjCompilerAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/IBinarySourceProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/IIntermediateResultsRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/WeaverAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IClassFileProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/WeaverMessageHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IWeaveRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/IOutputClassFileNameProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ClassFileBasedByteCodeProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/AjIncrementalImageBuilder.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/StandardPointcutParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/AjClassFile.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/HasAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/InterimCompilationResult.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/core/AspectJCore.java
* /aspectjtools-1-9-9-1-sources-1-
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/url/URLStreamHandlerProxy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/sources/MultiSourcePackage.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/debug/FrameworkDebugOptions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/eventmgr/ListenerQueue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/SystemBundleActivator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/url/ContentHandlerProxy.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateChain.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/GenericSpecification.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/EquinoxLogFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/util/TextProcessor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateVerifierFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/provisional/verifier/CertificateTrustAuthority.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/UnionType.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/DefaultJavaIndexer.java
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jar/org/eclipse/osgi/internal/serviceregistry/ShrinkableEntrySetValueCollection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ShrinkableValueCollectionMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/util/ArrayMap.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/weaving/DynamicImportList.java
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*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnParameterizedQualifiedTypeReference.jav
a
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* Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule
* Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
* James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
* Broadcom Corporation - build configurations and references
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IncrementalProjectBuilder.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ASTRewriteFormatter.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithAnnotations.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryAnnotation.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/condition/Condition.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IPrivilegedHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/IAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IMemberFinder.java
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*     IBM Corporation - initial API and implementation
*     manklu@web.de - fix for bug 156082
*     Bert Vingerhoets - fix for bug 169975
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Fix Concurency Exception
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PermittedSubclassesAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleQualifiedName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PermittedSubclassesAttributeEntry.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/RecordComponent.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/AnnotationDiscoveryVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/EquinoxLogServices.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hooks/EclipseLazyStarter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTRecoveryPropagator.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ILazySource.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentTypeHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentTypeSettings.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentTypeSettings.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/IContentConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentTypeVisitor.java
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*   Theodora Yeung (tyeung@bea.com) - ensure that JarPackageFragmentRoot make it into cache
*   before its contents
*   (see https://bugs.eclipse.org/bugs/show_bug.cgi?id=102422)
*   Stephan Herrmann - Contributions for
*   Bug 346010 - [model] strange initialization dependency in OptionTests
*   Bug 440477 - [null] Infrastructure
 for feeding external annotations into compilation
*   Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Contribution to bug:
https://bugs.eclipse.org/bugs/show_bug.cgi?id=411423
*   Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
https://bugs.eclipse.org/421165
*   Terry Parker <tparker@google.com> - Enable the Java model caches to recover from IO errors -
https://bugs.eclipse.org/455042
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
suggestions
*   Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
**********/

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*   Bug 440474 - [null] textual encoding of external null annotations
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*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*     Stephan Herrmann - Contribution for
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3
 Functional Interface Parameterization Inference"
*       Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
*       Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
*       Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*       Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 446442 - [1.8] merge null annotations from super methods
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/DirBundleFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hookregistry/HookRegistry.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/buddy/PolicyHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/EquinoxClassLoader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/EventAdminAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/NativeCodeFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/buddy/DependentPolicy.java
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```
*
* Contributors:
*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contributions for
*        bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*        bug 402993 - [null] Follow up
 of bug 401088: Missing warning about redundant null check
*        Bug 440282 - [resource] Resource leak detection false negative with empty finally block
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Block.java
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*
* Contributors:
*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/CommentWrapExecutor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/Aligner.java
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*   Andy Clement   got it working
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* Contributors:
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*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 415790
 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ForStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/WhileStatement.java
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* Contributors:
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*   Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*   Markus Schorn (Wind River) - [306575] Save snapshot location with project
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Mickael Istria (Red Hat Inc.) - Bug 488937
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ProjectDescriptionReader.java
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*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
**********/

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BaseTypeBinding.java
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* **********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/DeferredResolvedPointcutDefinition.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/InternalUseOnlyPointcutParser.java
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*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*        Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*        Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
*******************************************************************************/
```

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/ExceptionHandlingFlowContext.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Avoid optional library classpath entries validation -
https://bugs.eclipse.org/bugs/show_bug.cgi?id=412882
*   Stephan Herrmann - Contribution for
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
 *   Bug 462768 - [null] NPE when using linked folder for external annotations
*   Bug 465296 - precedence of extra attributes on a classpath container
*   Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathEntry.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/IJobStatus.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/LockListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/ThreadJob.java
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* **/

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Found in path(s):
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchAnnotationProcessorManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavadocConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/JobOSGiUtils.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hookregistry/StorageHookFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ElementImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hookregistry/ClassLoaderHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/classpath/ClasspathEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/classpath/FragmentClasspath.java
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*   Andy Clement   Extensions for better IDE representation
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*   bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code
*   Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*   Bug 470467 - [null] Nullness of special Enum methods not detected from .class file

```
*      Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 -
 [1.8][compiler][codegen] Implement support for serializeable lambdas
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SyntheticMethodBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/HostNamespace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/NativeNamespace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/package-info.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/IdentityNamespace.java
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*     IBM Corporation - initial API and implementation
*     Dan Rubel <dan_rubel@instantiations.com> - Implementation of getLocalTimeStamp
```

```
*     Red Hat Incorporated - get/setResourceAttribute code
*     Oakland Software Incorporated - added getSessionProperties and getPersistentProperties
*     Holger Oehm <holger.oehm@sap.com> - [226264] race condition in
Workspace.isTreeLocked()/setTreeLocked()
*     Martin Oberhuber (Wind River) -  [245937] ProjectDescription#setLinkLocation() detects non-change
 *     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********************************************************************************/
```

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*    Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation
processing
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*   wharley@bea.com - initial API and implementation
*   IBM Corporation - fix for 342598
*   IBM Corporation - Java 8 support
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NoTypePattern.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

* Stephan Herrmann - Contribution for
* Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
**********/

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path(s):
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/AnnotationTargetTypeConstants.java
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* Contributors:
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* Patrick Tasse - Add extra constructor to Path class (bug 454959)
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* Contributors:
* IBM Corporation - initial API and implementation
* Stephan Herrmann <stephan@cs.tu-berlin.de> - inconsistent initialization of classpath container backed by
external class folder, see https://bugs.eclipse.org/320618
**********/

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*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contribution for
*        Bug 458396 - NPE in CodeStream.invoke()
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/ProblemHandler.java
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* Contributors:
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*   Mik Kersten   port to AspectJ 1.1+ code base
* **/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/JavadocRunner.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/StubFileGenerator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/Config.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/HtmlDecorator.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/Main.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IUnwovenClassFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/StandardAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AbstractAnnotationAJ.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/TemporaryTypeMunger.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/LambdaExpression.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/FragmentLoader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SuperMethodReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ExpressionMethodReference.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Dimension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeMethodReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CreationReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NameQualifiedType.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathJrtWithReleaseOption.java
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*   Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
***/

Found in path(s):

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/InternalExtendedCompletionContext.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/EmptyStatement.java
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*
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemPackageBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IStackMapFrame.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/eval/IEvaluationContext.java

*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ClassInstanceCreation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayCreation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/SearchParticipant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/compiler/CategorizedProblem.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BodyDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaElementDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/PackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/ReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CharacterLiteral.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/StringLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/WorkingCopyOwner.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/ConflictedParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/NamingConventions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/FieldAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Name.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocAllocationExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/BranchStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ClassFormatException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchStatement.java
*
/aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/DiagnoseParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/eval/ICodeSnippetRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfPackage.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocMessageSend.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeReferenceLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SetContainerOperation.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/CompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ICodeAssist.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Statement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Type.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/ListLineTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/CommentRecorderParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IClasspathContainer.java
*

/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/TextUtilities.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BreakStatement.java
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*     Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*     Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
*     Baltasar Belyavsky (Texas Instruments) - [361675] Order mismatch when saving/restoring workspace trees
*     Broadcom Corporation - ongoing development
*     Sergey Prigogin (Google) - [437005] Out-of-date .snap file prevents Eclipse from running
*     Lars Vogel <Lars.Vogel@vogella.com>
 - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ConstraintExceptionFormula.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/log/LogEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/util/tracker/ServiceTracker.java
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*   Jesper Steen Moeller - added namespace support
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*   James Blackburn - Fix for bug 266712
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/ConfigurationScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/AbstractScope.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/RootPreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/InstanceScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IEclipsePreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IExportedPreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/LookupOrder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/OSGiPreferencesServiceImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IScopeContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/ExportedPreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/Product.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/Base64.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/ConfigurationPreferences.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/Cache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/AbstractPreferenceInitializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IPreferenceNodeVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/DefaultScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/InstancePreferences.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/connect/ConnectContent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/connect/FrameworkUtilHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/connect/ConnectModule.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/connect/ModuleConnector.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ProvidesStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModuleAwareNameEnvironment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IMultiModuleEntry.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/INameEnvironmentExtension.java

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*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/ILock.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/Deadlock.java
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*   bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*   bug 186342 - [compiler][null] Using annotations for null checking
***/

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* Stephan Herrmann - Contributions for
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 392099
- [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 412076 - [compiler] @NonNullByDefault doesn't work for varargs parameter when in generic interface
* Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument annotations
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 416175 - [1.8][compiler][null] NPE with a code snippet that used null annotations on wildcards
* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 400874 - [1.8][compiler]
Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 425278 - [1.8][compiler] Suspect error: The target type of this expression is not a well formed parameterized type due to bound(s) mismatch
* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
* Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument
* Bug 426792 - [1.8][inference][impl] generify new type inference engine
* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
* Bug 390064 - [compiler][resource] Resource leak warning missing when extending parameterized class
* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SortedSimpleNameVector.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/undo/IDocumentUndoListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IContributor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/undo/DocumentUndoEvent.java
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*   wharley@bea.com - derived base class from BatchMessagerImpl
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*   bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*   bug 404728 - [1.8]NPE on QualifiedSuperReference error
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Windows2003 "Windows 2003" "Windows
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Server 2003" Win2003 Win32 # Microsoft
WindowsVista WinVista "Windows Vista" Win32 # Microsoft
Windows2008 "Windows 2008" "Windows Server 2008" Win2008 Win32 # Microsoft
WindowsServer2008 "Windows 2008" "Windows Server 2008" Win2008 Win32 # Microsoft
WindowsServer2008R2 "Windows 2008 R2" "Windows Server 2008 R2" Win2008R2 Win32 # Microsoft
WindowsServer2012 "Windows 2012" "Windows Server 2012" Win2012 Win32 # Microsoft
WindowsServer2012R2 "Windows 2012 R2" "Windows Server 2012 R2" Win2012R2 Win32 # Microsoft
WindowsServer2015 "Windows 2015" "Windows Server 2015" Win2015 Win32 # Microsoft
WindowsServer2015R2 "Windows 2015 R2" "Windows Server 2015 R2" Win2015R2 Win32 # Microsoft
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WindowsServer2019 "Windows 2019" "Windows Server 2019" Win2019 Win32 # Microsoft
Windows7 "Windows 7" Win7 Win32 # Microsoft
Windows8 "Windows 8" "Windows 8.1" "Windows 8.2" "Windows 8.3" Win8 Win32 # Microsoft
Windows10 "Windows
10" Win10 Win32 # Microsoft
"Windows NT (unknown)" win32

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*   Stephan Herrmann - Contributions for
*   Bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it
 extends the outer class
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/NestedTypeBinding.java
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*   IBM Corporation - initial API and implementation
*   David Green - fix factories with non-standard class loading (bug 200068)
*   Filip Hrbek - fix thread safety problem described in bug 305863
*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
*   Christoph Läubrich - Bug 576660 - AdapterManager should use more modern concurrency primitives
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/LinkedPositionGroup.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/CopySourceEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MoveDeleteHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/eval/RequestorWrapper.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceComparator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateContextType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/VariablesEvaluator.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MemberDeclarationVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/SafeFileInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationModelExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/ElementTreeIterator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEditProcessor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/CopyTargetEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/AnnotationModelEvent.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/LinkedModeModel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/MoveTargetEdit.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ConstructorLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/Log.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/JavaModelException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/Policy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchDocument.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ProjectionDocumentManager.java
*

/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/undo/DocumentUndoManagerRegistry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ResourceProxy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/DefaultElementComparator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/PathVariableChangeEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SaveContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarEntryDirectory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ResourceStatus.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/AbstractLineTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/Preferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/AnnotationMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SavedState.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/SequentialRewriteTextStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateTranslator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/IAnnotationModel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetEvaluator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkspaceDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarEntryResource.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/SearchRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/LexStream.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NormalAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SetClasspathOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Literal.java
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*     Stephan Herrmann  - Contribution for bug 295551
*     Jesper S Moller   - Contributions for
*         Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*     Frits Jalvingh    - contributions for bug 533830.
*     Red Hat Inc.      - add module-info Javadoc support
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*   IBM Corporation - fix for 342598, 382590
*   Jean-Marie Henaff <jmhenaff@google.com> (Google) - Bug 481555
**********/

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* Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
* Martin Oberhuber (Wind River) - [183137] liblocalfile for solaris-sparc

* Martin Oberhuber (Wind River) - [184433] liblocalfile for Linux x86_64
* Martin Oberhuber (Wind River) - [184534] get attributes from native lib
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*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/namespaces/EquinoxFragmentNamespace.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/LoggerContextTargetMap.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceObjectsImpl.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/EnumElementValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisAnnos.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/SimpleElementValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/AnnotationElementValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeVisParamAnnos.java
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* initial implementation Adrian Colyer
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* Palo Alto Research Center, Incorporated - AspectJ adaptation

* Stephan Herrmann - Contributions for
* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
* bug 370639 - [compiler][resource] restore the default for resource
leak warnings
* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload
context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 427483 - [Java 8] Variables
in lambdas sometimes can't be resolved
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ClassAnnotationValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/SimpleAnnotationValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/IVerificationRequired.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AnnotationNameValuePair.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/IModelFilter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AnnotationAnnotationValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/EnumAnnotationValue.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/IndexBasedJavaSearchEnvironment.java

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*     Stephan Herrmann - Contribution for
*        bug 331649 - [compiler][null] consider null annotations for fields
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*     Jesper S Moller - Contributions for
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
 *******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NameReference.java
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* Contributors:
*   John Kew (vmware)   initial implementation
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/WeavedClassCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/CacheBacking.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/AbstractCacheBacking.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/CachedClassReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/AbstractIndexedFileCacheBacking.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/DefaultFileCacheBacking.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/AbstractFileCacheBacking.java
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*   wharley@bea.com - initial API and implementation
*   IBM Corporation - Fix for bug 341494
*   IBM Corporation - Fix for bug 328575
*   IBM Corporation - Java 8 support
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ModuleMainClass.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantPackage.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ModulePackages.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/YieldStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchExpression.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/RecordComponentInfo.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/HasMemberTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractBooleanTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BindingTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/WildTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AndTypePattern.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AnyTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NoTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IdentifierTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NotTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/OrTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TypeCategoryTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ExactTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/FormalBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/EllipsisTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AnyWithAnnotationTypePattern.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/InternalWorkspaceJob.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/JobListeners.java
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*     Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
*     Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
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*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IExtendedAnnotationConstants.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/debug/DebugTrace.java
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*       bug 331649 - [compiler][null] consider null annotations for fields
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*            bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*            bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 265744 - Enum switch should warn about missing default
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
 *******************************************************************************/
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*            bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 265744 - Enum switch should warn about missing default
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 381443
```

- [compiler][null] Allow parameter widening from @NonNull to unannotated
* Bug 441208 - [1.8][null]SuppressWarnings("null") does not suppress / marked Unnecessary
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/IrritantSet.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/PreferenceModifyListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/ResourceAdapterFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/filesystem/provider/FileTree.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/legacy/ProductPreferencesService.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/propertytester/ResourcePropertyTester.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IPreferenceFilter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/TreeLineTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/InternalFileSystemCore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/NullFileSystem.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/IPreferencesConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/Activator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/ImmutableMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/PreferencesOSGiUtils.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/eclipse/core/internal/preferences/exchange/IProductPreferencesService.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/FileCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/NullFileStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/exchange/ILegacyPreferences.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/filesystem/provider/FileSystem.java
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* Contributors:
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*     Stephan Herrmann - Contributions for
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 435570 - [1.8][null] @NonNullByDefault
 illegally tries to affect "throws E"
*         Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*         Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*         Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                         Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
*******************************************************************************/
```

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* **/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerSingleton.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelCflowStackFieldAdder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelClassWeaver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/AjLookupEnvironment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IHasPosition.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ResolvedPointcutDefinition.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IntMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/KindedPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BasicTokenSource.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Not.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelFieldRef.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseSourceLocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/MakeDeclsPublicVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AjAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/KnownMessageSend.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/AjCompilerOptions.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/model/AsmRelationshipProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerFromSuper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/NewMethodTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/UnwovenClassFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/PrivilegedFieldBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/DeclarePrecedence.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/ajc/AjdtCommand.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/ShadowRange.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/PseudoTokens.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/StaticJoinPointFactory.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ArgsPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ThisOrTargetPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/PointcutDesignator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/CrosscuttingMembers.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/TypePatternQuestions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Test.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Literal.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/PrivilegedHandler.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/compiler/IAjTerminalSymbols.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/problem/AjProblemReporter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AdviceDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AjcMemberMaker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/NewFieldTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WithinPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/InterTypeScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterSuperReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/InlineAccessFieldBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/OrTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NotTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/IExprVisitor.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AndPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/PointcutBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/Declare.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/SimpleScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/DeclareDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/DeclareSoft.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/IScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Advice.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/NewConstructorTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IClassWeaver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerObject.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/PrivilegedAccessMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BasicToken.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/Pointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/ThisJoinPointVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ExactTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/NewParentTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Iterators.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Checker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/SignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ConcreteTypeMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/CflowPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ReferencePointcut.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Lint.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/OrPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Shadow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterSuperFixerVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Instanceof.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NamePattern.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/MemberKind.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AdviceKind.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AstUtil.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NotPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/InterTypeMethodBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelField.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IHasSourceLocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ITokenSource.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/And.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/BCException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/EclipseSourceContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerCflow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AspectClinit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/LazyMethodGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ISourceContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/Position.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/PseudoToken.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/ProceedVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/Bindings.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/FormalBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelVar.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WithincodePointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/SourceContextImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/CallExpr.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/IfPseudoToken.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/ITestVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Expr.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/WildTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/ExceptionRange.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/InterTypeFieldBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelCflowAccessVar.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ExposedState.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/IfMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ShadowMunger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/ASTNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ConcreteCflowPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ModifiersPattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/AjBuildManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/Range.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NameBindingPointcut.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/MemberImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/HandlerPointcut.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/NameMangler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/FieldGet.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/HelperInterfaceBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Call.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PerClause.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Or.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/EclipseAttributeAdapter.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/IToken.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ThrowsPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/ParserException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AndTypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/FieldGetCall.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/AjTypeConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/TypePatternList.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseShadow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/SuperFixerVisitor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/ajdt/internal/compiler/lookup/SimpleSyntheticAccessMethodBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/KnownFieldReference.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/DeclareErrorOrWarning.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/Utility.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PatternNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelRenderer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajc/Main.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/PointcutDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/AccessForInlineVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ast/Var.java
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*   Andrey Loskutov <loskutov@gmx.de> - Bug 468787
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/SwitchBuilder.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ExceptionTable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Node.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/TargetLostException.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/LineNumberGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/ByteSequence.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/ExceptionConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionTargeter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/LocalVariable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/IINC.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InvokeDynamic.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/ThreadLocalAwareRepository.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/Type.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/FieldInstruction.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/FieldGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/Instruction.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/LocalVariableGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/MULTIANEWARRAY.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ClassFormatException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionList.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/Repository.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/StackMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantObject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/ClassLoaderRepository.java
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/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/InnerClass.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Deprecated.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantMethodref.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/JavaClass.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/SimpleConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/DefaultClassLoaderReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/SyntheticRepository.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/LineNumberTable.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/SourceFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/util/ClassLoaderReference.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantDynamic.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantPool.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantDouble.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantUtf8.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantFloat.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/Repository.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantMethodType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/Constants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/ReferenceType.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/StackMapType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/CodeException.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionHandle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Unknown.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/ArrayType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionSelect.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/ClassGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantInvokeDynamic.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantInteger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantFieldref.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InvokeInstruction.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/InnerClasses.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionShort.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantString.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/TABLESWITCH.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/BootstrapMethods.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantMethodHandle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/FieldGenOrMethodGen.java
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*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ClassVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/FieldOrMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantLong.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/CodeExceptionGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/LineNumber.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/ClassGenException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/StackMapEntry.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Field.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Modifiers.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/NestMembers.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/MethodGen.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/LOOKUPSWITCH.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/RET.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/ReturnaddressType.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstVisitor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/ConstantClass.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/Code.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/generic/InstructionBranch.java
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*   Christoph Läubrich - remove reference to InternalPlatform.getDefault().log
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*     Stephan Herrmann - Contribution for
*         Bug 377883 - NPE on open Call Hierarchy
*     Microsoft Corporation - Contribution for bug 575562 - improve completion search performance
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ant/taskdefs/Ajc11CompilerAdapter.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Samrat Dhillon samrat.dhillon@gmail.com - Search for method references is
*   returning methods as overriden even if the superclass's method is
*   only package-visible - https://bugs.eclipse.org/357547
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*   Bug 463330 - [dom] DOMFinder doesn't find the VariableBinding corresponding to a method argument
*   Bug 464463 - [dom] DOMFinder doesn't find an ITypeParameter

```
*       Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*******************************************************************************/
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Found in path(s):
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/spi/RegistryStrategy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/osgi/RegistryStrategyOSGI.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/equinox/internal/app/EclipseScheduledApplication.java
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*  Contributors:
*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add addFilter/removeFilter/getFilters
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*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 358903 - Filter practically unimportant resource leak warnings
*         bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
*         bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*         bug 382069 - [null] Make
 the null analysis consider JUnit's assertNotNull similarly to assertions
*         Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
*         Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*         Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*     Jesper S Moller - Contributions for
*         Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*         Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*         bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                         Bug 405104 - [1.8][compiler][codegen]
 Implement support for serializeable lambdas
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*                         bug 386692 - Missing "unused" warning on "autowired" fields
*     Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*                         bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
**********************************************************************************/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeConstants.java
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*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*   Bug 462768 - [null] NPE when using linked folder for external annotations
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/IJavaSearchConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyBuilder.java

*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/JavaConventions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaModelOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/RelevanceConstants.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocTag.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SearchableEnvironmentRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/BinaryIndexer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ImportReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/SourceIndexerRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SelectionRequestor.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CopyResourceElementsOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ISourceElementRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/SimpleDOMBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IPermittedSubclassesAttributeEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IPermittedSubclassesAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/text/StringMatcher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MissingTypeBinding.java
*
/aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ClassFileMatchLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/BindingResolver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IClassFileReader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/DeleteElementsOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ImportBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryRecordComponent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceTypeElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SimpleDocument.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/LocalVariableLocator.java
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/aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/CompilationUnitStructureRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/Modifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceFieldElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AbstractIndexer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateElementInCUOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateTypeMemberOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceElementParser.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*   bug 358903 - Filter practically unimportant resource leak warnings
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure
 should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*   Bug 427411 - [1.8][generics] JDT reports type mismatch when using method that returns generic type
*   Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Bug 435962 - [RC2] StackOverFlowError when building
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
**********/

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*     James Blackburn (Broadcom Corp.) - Bug 311863 Ordered Lock lost after interrupt
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*          bug 332637 - Dead Code detection removing code that isn't dead
*          bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*          bug 349326 - [1.7] new warning for missing try-with-resources
*          bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*       bug 358903 - Filter practically unimportant resource
 leak warnings
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 401088 - [compiler][null] Wrong warning "Redundant null check" inside nested try statement
*       bug 401092 - [compiler][null] Wrong warning "Redundant null check" in outer catch of nested try
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*       bug 384380 - False positive on a ?? Potential null pointer access ?? after a continue
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*       Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
```

* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)
* Jesper Steen Moller -
 Contributions for
* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/debug/Debug.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/osgi/EclipseBundleListener.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnModuleReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnModuleDeclaration.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/PackageVisibilityStatement.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 478685, 478864, 479849
*   Christoph Läubrich - Bug 577645 - [Adapters] provide a method that returns an Optional for an adapted type
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
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* Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/log/FormatterLogger.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/log/admin/LoggerContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/log/admin/LoggerAdmin.java
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* Contributors:
*   tyeung@bea.com - initial API and implementation
*   olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/EnumConstantSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ClassSignature.java
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*     PARC     initial implementation
*     Adrian Colyer  added constructor to populate javaOptions with
*        default settings - 01.20.2003
*        Bugzilla #29768, 29769
*      Andy Clement
* ********************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/core/builder/AjBuildConfig.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionPointHandle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionHandle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ThirdLevelConfigurationElementHandle.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/IExtendedCompletionRequestor.java
*

/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IProductProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/dynamichelpers/IExtensionChangeHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/Contribution.java
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*   Gunnar Wagenknecht - Bug 179695 - [prefs] NPE when using Preferences API without a product
*   Thirumala Reddy Mutchukota, Google Inc - Bug 380859 - [prefs] Inconsistency between DefaultPreferences and InstancePreferences
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*     Perry James - nullStatus method improvement (165346)
*     Stephan Herrmann - Contribution for
*         bug 383368 - [compiler][null] syntactic null analysis for field references
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OperatorExpression.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
*     Mikael Barbero (Eclipse Foundation) - 286681 handle WAIT_ABANDONED_0 return value
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/refresh/win32/Win32Monitor.java
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*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
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*         Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/MethodBinding.java
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*   IBM Corporation - initial API and implementation
*   Kelly Campbell <kellyc@google.com> - Hangs in SourceMapper during java proposals -
https://bugs.eclipse.org/bugs/show_bug.cgi?id=281575
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/ExtendedLogReaderServiceFactory.java
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/ManifestLocalization.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/NamedMember.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/bundleresource/Handler.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/bundleentry/Handler.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/SecurityRowSnapShot.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/UnfilteredServiceListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/Capability.java
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```
*       Bug 185682 - Increment/decrement operators mark local variables as read
*       Bug 458396 - NPE in CodeStream.invoke()
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetSingleNameReference.java
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*     BEA - Patch for bug 172743
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/AbstractAnnotationProcessorManager.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Francis Lynch (Wind River) - [301563] Save and load tree snapshots
*     Broadcom Corporation - ongoing development
*     Sergey Prigogin (Google) - [437005] Out-of-date .snap file prevents Eclipse from running
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488937
```

***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/LocalMetaArea.java
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* Contributors:
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*   alex.panchenko@gmail.com - Bug 470535 - Bug in UserLibrary.hashCode()
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*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ProjectVariableProviderManager.java
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*   Microsoft Corporation - adapt to the new index match API
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jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/LocalVariablePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/OrPattern.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/IntersectingPattern.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeParameterPattern.java
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*   Christoph Läubrich - Bug 570519 - Allow to specify TemplateVariable#fInitialLength
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*   Stephan Herrmann - Contributions for
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 382353 - [1.8][compiler] Implementation property modifiers should
 be accepted on default methods.
*   bug 383368 - [compiler][null] syntactic null analysis for field references

* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this location
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 378674 - "The method can be declared as static" is wrong
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/MethodDeclaration.java
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* Stephan Herrmann - Contributions for
* bug 332637 - Dead Code detection removing code that isn't dead
* bug 391517 - java.lang.VerifyError on code that runs correctly in Eclipse 3.7 and eclipse 3.6
* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/ConditionalFlowInfo.java
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* Contributors:

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* Brock Janiczak - Contribution for bug 150741
* Ray V. (voidstar@gmail.com) - Contribution for bug 282988
* Jesper S Moller - Contribution for bug 402173
* Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
**********/

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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/formatter/DefaultCodeFormatterConstants.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/unix/UnixFileFlags.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/unix/StructStat.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/FileASTRequestor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/EditorAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/IStructureViewNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/swing/TopFrame.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/ajc/ConfigParser.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/IdeUIAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/CatchClauseSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/FileStructureView.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/Signature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/MemberSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/internal/LstBuildConfigFileParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/AbstractIconRegistry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/internal/BuildConfigListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/AdviceSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/StructureViewTreeListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/AbstractIcon.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/CodeSignature.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/ConstructorSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/IMessageHolder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/BrowserUIAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/JoinPoint.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/UserPreferencesAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/util/FuzzyBoolean.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/BuildConfigModel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/BuildConfigEditor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/PerObjectMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/CFlow.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/Message.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/OptionsPanel.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/ErrorDialog.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/GlobalStructureView.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/IconRegistry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/CFlowPlusState.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/BuildConfigNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/MessageWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/internal/TreeStructureViewBuilder.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureView.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/ReflectionFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/FieldSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureViewRenderer.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/PointcutWizard.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/InvalidResourceException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/IMessageHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/EditorManager.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/IMessage.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/ConstructorSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/CFlowStack.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/CountingMessageHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/util/PartialOrder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/MethodSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/internal/BuildConfigManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/SignatureImpl.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/AdviceSignatureImpl.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/reflect/MethodSignature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureViewProperties.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureViewNodeFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/SourceLocationImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/ISourceLocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/StringMaker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/AbortException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/AjdeWidgetStyles.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/GlobalViewProperties.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/CodeSignatureImpl.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/NoAspectBoundException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/MessageUtil.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/Main.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/CatchClauseSignatureImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/internal/StructureUtilities.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/SourceLocation.java
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*   Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches - https://bugs.eclipse.org/421165
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* Contributors:
*   mkaufman@bea.com - initial API as ICompilationParticipant
*   IBM - changed from interface ICompilationParticipant to abstract class CompilationParticipant
*   IBM - rewrote specification
*
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*     Stephan Herrmann - Contributions for
*         bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*         bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*         Bug
 422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction
*******************************************************************************/
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ModuleElementImpl.java
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* Contributors:
*    Andy Clement     initial implementation
*        Copied from bits of original CFlowStack
* ********************************************************************/
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*     IBM Corporation - initial API and implementation
*     Red Hat Incorporated - loadProjectDescription(InputStream)
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
*     Broadcom Corporation - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*******************************************************************************/
/**
* The workspace
 class is the monolithic nerve center of the resources plugin.
* All interesting functionality stems from this class.
* <p>
* The lifecycle of the resources plugin is encapsulated by the {@link #open(IProgressMonitor)}
* and {@link #close(IProgressMonitor)} methods.  A closed workspace is completely
```

```
* unusable - any attempt to access or modify interesting workspace state on a closed
* workspace will fail.
* </p>
* <p>
* All modifications to the workspace occur within the context of a workspace operation.
* A workspace operation is implemented using the following sequence:
* </p>
* <pre>
*  try {
*  prepareOperation(...);
*  //check preconditions
*  beginOperation(...);
*  //perform changes
* } finally {
*  endOperation(...);
* }
* </pre>
* Workspace operations can be nested arbitrarily. A "top level" workspace operation
* is an operation that is not nested within another workspace operation in the current
* thread.
* <p>
* See the javadoc of {@link #prepareOperation(ISchedulingRule,
 IProgressMonitor)},
* {@link #beginOperation(boolean)}, and {@link #endOperation(ISchedulingRule, boolean)}
* for more details.
* </p>
* <p>
* Major areas of functionality are farmed off to various manager classes.  Open a
* type hierarchy on {@link IManager} to see all the different managers. Each
* manager is typically referenced three times in this class: Once in {@link #startup(IProgressMonitor)}
* when it is instantiated, once in {@link #shutdown(IProgressMonitor)} when it
* is destroyed, and once in a manager accessor method.
* </p>
*/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/Workspace.java
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*   Xerox/PARC   initial implementation
* **/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/util/TypeSafeEnum.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/util/Reflection.java
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*   Tal Lev-Ami - added package cache for zip files
*   Stephan Herrmann - Contribution for
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathJar.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/FieldInitsFakingFlowContext.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithTypeAnnotations.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryObject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/TableReader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryObjectManager.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/equinox/internal/app/ProductExtensionBranding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/StateHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/reference/ReferenceInputStream.java

*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/BaseDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/pluginconversion/PluginConversionException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedSourceType.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeAnnos.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisParamAnnos.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/annotation/ElementValue.java
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*   Bug 466279 - [hovering] IAE on hover when annotation-based null analysis is enabled
***/

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*          bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*          bug 349326 - [1.7] new warning for missing try-with-resources
*          bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365835 - [compiler][null] inconsistent error reporting.
 *       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       bug 401030 - [1.8][null] Null analysis support for lambda
 methods.
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
```

* Bug 417758 - [1.8][null] Null safety compromise during array creation.
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 430150 - [1.8][null] stricter checking against type variables
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
* Bug 455723 - Nonnull argument not correctly inferred in loop
* Jesper S Moller
 - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
**********/

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* Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
* James Blackburn (Broadcom Corp.) - ongoing development
* Sergey Prigogin (Google) - [464072] Refresh on Access ignored during text search
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*
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*     Anton Leherbauer <anton.leherbauer@windriver.com> - [implementation]
AnnotationModel.fModificationStamp leaks annotations - http://bugs.eclipse.org/345715
*     Sebastian Zarnekow - [bug 401391] ConcurrentModificationException in
AnnotationModel.getAnnotationIterator
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ProjectEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryModule.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModulePathEntry.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IModularClassFile.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryModuleFactory.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ModuleInfoBuilder.java
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
**********/

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*   Wes Isberg   2003-2004 changes
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*   Stephan Herrmann - Contribution for
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*   Bug 426542 - [1.8] Most specific method not picked when one method has intersection type as type parameter
*   Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Andy
 Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version

* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********/

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*   Cagatay Calli <ccalli@gmail.com> - [find/replace] retain caps when replacing - https://bugs.eclipse.org/bugs/show_bug.cgi?id=28949
*   Cagatay Calli <ccalli@gmail.com> - [find/replace] define & fix behavior of retain caps with other escapes and text before \C - https://bugs.eclipse.org/bugs/show_bug.cgi?id=217061
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/application/ApplicationAdminPermission.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/application/ApplicationHandle.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/application/ApplicationDescriptor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModulePackagesAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IRequiresInfo.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IPackageVisibilityInfo.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ModulePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/ModuleDeclarationMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleMainClassAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/ModuleReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RequiresInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleMainClassAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PackageVisibilityInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolEntry3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IProvidesInfo.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IModulePackagesAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModule.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ProvidesInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/util/CaseInsensitiveDictionaryMap.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleRevision.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleRequirement.java
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*   Warren Paul (Nokia) - Fix for build scheduling bug 209236
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*   Jesper Steen Moller - Contributions for
*   bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
*   Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519

* Mateusz Matela
 <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
* Bug 473178
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/equinox/internal/app/Activator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/equinox/internal/app/AnyThreadAppLauncher.java

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*     Julian Chen - fix for bug #92572, jclRM
*     Benjamin Cabe <benjamin.cabe@anyware-tech.com> - fix for bug 265532
*     Christoph Läubrich - remove InternalPlatform.getDefault().log (bug 55083)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ModuleUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryModule.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/cds/CDSBundleEntry.java
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*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 433478 - [compiler][null] NPE in ReferenceBinding.isCompatibleWith
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*   bug 292478 - Report potentially null across variable assignment,
*   bug 185682 - Increment/decrement operators mark local variables as read
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:
 info cannot be null
*   Bug 458396 - NPE in CodeStream.invoke()
*   Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*   Jesper S Moller - <jesper@selskabet.org>   - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*   bug 378674 - "The method can be declared as static" is wrong
*   bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*   bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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* Stephan Herrmann - Contribution for Bug 378024 - Ordering of comments between imports not preserved
* John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
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*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocScanner.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/GuardedPattern.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/JavaDocRegion.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AbstractTagElement.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TagProperty.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Serge Beauchamp (Freescale Semiconductor) - [252996] add PT_FILTER_PROVIDERS
*   Serge Beauchamp (Freescale Semiconductor) - [229633] add PT_VARIABLE_PROVIDERS
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Tom Hochstein (Freescale) - Bug 409996 - 'Restore Defaults' does not work properly on Project Properties >
Resource tab
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/ResourcesPlugin.java
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*   Nieraj Singh
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/TypePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/BindingTypePattern.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/DeclareTypeErrorOrWarning.java
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* Contributors:
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                     Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*******************************************************************************/
```

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in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ExtendedAnnotation.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Martin Oberhuber (Wind River) - [294429] Avoid substring baggage in FileInfo
*     Martin Lippert (VMware) - [394607] Poor performance when using findFilesForLocationURI
*     Sergey Prigogin (Google) - [433061] Deletion of project follows symbolic links
*                                [464072] Refresh on Access ignored during text search
*     Andrey Loskutov (loskutov@gmx.de) - [500306] Read-only files, and projects containing them, cannot
 be deleted
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/LocalFile.java
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*     Jesper Steen Moller - Contributions for:
*         Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/SingleMemberAnnotation.java
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*   Stephan Herrmann - Contribution for
*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*   Bug 462768 - [null] NPE when using linked folder for external annotations
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/AbstractClassFile.java
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* Contributors:
*   John Kew (vmware)   initial implementation
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
**/

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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ExternalAnnotationProvider.java
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* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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* IBM Corporation - added constant AccDefault
* IBM Corporation - added constants AccBridge and AccVarargs for J2SE 1.5
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*     IBM Corporation - initial API and implementation
*     Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/debug/DebugOptions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/QualifiedType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/WildcardType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/sources/PackageSource.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/sources/SingleSourcePackage.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExtensionRegistry.java
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*   IBM Corporation - initial API and implementation
*   Isaac Pacht (isaacp3@gmail.com) - fix for bug 206540
*   Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
*   James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
*   Broadcom Corporation - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*   Torbjörn Svensson (STMicroelectronics) - bug #552606
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ResolvedType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ResolvedTypeMunger.java
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*   bug 317046 - Exception during debugging when hover mouse over a field
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class

files
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 424712 - [1.8][compiler] NPE in TypeBinding.isProvablyDistinctTypeArgument
* Bug 426792 - [1.8][inference][impl] generify new type inference engine
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427626 - [1.8] StackOverflow while typing new ArrayList<String>().toArray(and asking for code completion
* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
* Bug 435962 - [RC2] StackOverFlowError when building
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
**********/

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* IBM Corporation - initial API and implementation
* Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
https://bugs.eclipse.org/421165
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*   Mickael Istria (Red Hat Inc.) - Bug 488937
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerSnapshotReader_1.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoReader.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerReader_3.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerSnapshotReader_2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/watson/ElementTreeWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerReader_2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerWriter.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ICompilerAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/DefaultCompilerAdapter.java
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*    tyeung@bea.com - initial API and implementation
*    IBM Corporation - changed interface to extend IBinding
*    IBM Corporation - renamed from IResolvedAnnotation to IAnnotationBinding
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IAnnotationBinding.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Mickael Istria (Red Hat Inc.) - Bug 488938, 488937
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerInfo.java
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* Contributors:
*     Stephan Herrmann - initial API and implementation
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/NonNullDefaultAwareTypeAnnotationWalker.java
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*******************************************************************************/
/**
  * Returns the classpath entry that is making a reference to this classpath entry. For entry kinds
  * {@link #CPE_LIBRARY}, the return value is the entry that is representing the JAR that includes
  * <code>this</code> in the MANIFEST.MF file's Class-Path section. For entry kinds other than
  * {@link #CPE_LIBRARY}, this returns <code>null</code>. For those entries
 that are on the raw classpath already,
  * this returns <code>null</code>.
  * <p>
  * It is possible that multiple library entries refer to the same entry
  * via the MANIFEST.MF file. In those cases, this method returns the first classpath entry
  * that appears in the raw classpath. However, this does not mean that the other referencing
  * entries do not relate to their referenced entries.
  * See {@link JavaCore#getReferencedClasspathEntries(IClasspathEntry, IJavaProject)} for
  * more details.
  * </p>
  *
  * @return the classpath entry that is referencing this entry or <code>null</code> if
  *   not applicable.
  * @since 3.6
  */
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IClasspathEntry.java
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*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*         Bug 407191 - [1.8] Binary access support for type annotations
```

**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryField.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/BundleLoader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/MementoTokenizer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceRegistry.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/lang/annotation/control/CodeGenerationHint.java
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* Stephan Herrmann - Contribution for
* bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code
* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
* bug 421543 - [1.8][compiler] Compiler fails to recognize default method being turned into abstract by subtytpe
* Jesper S Moller - Contributions for
* Bug 405066 - [1.8][compiler][codegen] Implement
code generation infrastructure for JSR335
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
* Bug 449467 - [1.8][compiler] Invalid lambda deserialization with anonymous class
* Olivier Tardieu (tardieu@us.ibm.com) - Contributions for
* Bug 442418 - $deserializeLambda$ off-by-one error when deserializing the captured arguments
of a lambda that also capture this
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/CodeStream.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/PackageElementImpl.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ResourceChangeValidator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/ChangeDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/ProposedResourceDelta.java
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 417758 - [1.8][null] Null safety compromise during array creation.
*   Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*   Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ArrayAllocationExpression.java
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*   Alexandre Vasseur   rearchitected for #75442 finer grained matching
* **/

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*    tyeung@bea.com - initial API and implementation
*    IBM Corporation - implemented methods from IBinding
*    IBM Corporation - renamed from ResolvedAnnotation to AnnotationBinding
*    IBM Corporation - Fix for 328969
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameMatchRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodDeclarationPattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessMethodRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameMatchRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameRequestor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ProcessTaskManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/PermissionsHash.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/EquinoxSecurityManager.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/SecurityTableUpdate.java
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*        Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*        Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/VariableBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryObjectFactoryMulti.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessConstructorRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ConstructorDeclarationPattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/localization/LocaleProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ExtraFlags.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/DirectMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionPointMulti.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AptBinaryLocalVariableBinding.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionMulti.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - [464072] Refresh on Access ignored during text search
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
*        Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*        Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*        Bug 425783 - An
 internal error occurred during: "Requesting Java AST from selection". java.lang.StackOverflowError
*        Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*        Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/RawTypeBinding.java
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*   Helen Hawkins         bug 166580 and 148190
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*     IBM Corporation - initial API and implementation
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*           bug 185682 - Increment/decrement operators mark local variables as read
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 331649 - [compiler][null] consider
 null annotations for fields
*       Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
*     Jesper S Møller <jesper@selskabet.org> -  Contributions for
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/LocalVariableBinding.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contributions for
*       bug 292478 - Report potentially null across variable assignment
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field
 references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
```

```
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 426996
 - [1.8][inference] try to avoid method Expression.unresolve()?
*       Bug 428274 - [1.8] [compiler] Cannot cast from Number to double
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
**********************************************************************************/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Expression.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*           bug 282152 - [1.5][compiler] Generics code rejected by Eclipse but accepted by javac
*           bug 349326 - [1.7] new warning for missing try-with-resources
*           bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 395002 - Self bound generic class
 doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*       Bug 431269 - [1.8][compiler][null] StackOverflow in nullAnnotatedReadableName
*       Bug 431408 - Java 8 (1.8) generics bug
```

* Bug 435962 - [RC2] StackOverFlowError when building
* Bug
438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 438250 - [1.8][null] NPE trying to report bogus null annotation conflict
* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
* Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
* Bug 456459 - Discrepancy between Eclipse compiler and javac - Enums, interfaces, and generics
* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
* Bug 462790 - [null] NPE in Expression.computeConversion()
* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
* Jesper S Møller <jesper@selskabet.org> - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeVariableBinding.java
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* Contributors:
* IBM Corporation - initial API and implementation
* IBM Corporation - added the following constants:
* COMPILER_PB_DEPRECATION_IN_DEPRECATED_CODE
* COMPILER_PB_STATIC_ACCESS_RECEIVER
* COMPILER_TASK_TAGS
* CORE_CIRCULAR_CLASSPATH
* CORE_INCOMPLETE_CLASSPATH
* IBM Corporation - added run(IWorkspaceRunnable, IProgressMonitor)
*
 IBM Corporation - added exclusion patterns to source classpath entries
* IBM Corporation - added specific output location to source classpath entries
* IBM Corporation - added the following constants:
* CORE_JAVA_BUILD_CLEAN_OUTPUT_FOLDER

```
*                       CORE_JAVA_BUILD_RECREATE_MODIFIED_CLASS_FILES_IN_OUTPUT_FOLDER
*                       CLEAN
*    IBM Corporation - added getClasspathContainerInitializer(String)
*    IBM Corporation - added the following constants:
*                       CODEASSIST_ARGUMENT_PREFIXES
*                       CODEASSIST_ARGUMENT_SUFFIXES
*                       CODEASSIST_FIELD_PREFIXES
*                       CODEASSIST_FIELD_SUFFIXES
*                       CODEASSIST_LOCAL_PREFIXES
*                       CODEASSIST_LOCAL_SUFFIXES
*                       CODEASSIST_STATIC_FIELD_PREFIXES
*
                    CODEASSIST_STATIC_FIELD_SUFFIXES
*                       COMPILER_PB_CHAR_ARRAY_IN_STRING_CONCATENATION
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_LOCAL_VARIABLE_HIDING
*                       COMPILER_PB_SPECIAL_PARAMETER_HIDING_FIELD
*                       COMPILER_PB_FIELD_HIDING
*                       COMPILER_PB_POSSIBLE_ACCIDENTAL_BOOLEAN_ASSIGNMENT
*                       CORE_INCOMPATIBLE_JDK_LEVEL
*                       VERSION_1_5
*                       COMPILER_PB_EMPTY_STATEMENT
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_INDIRECT_STATIC_ACCESS
*                       COMPILER_PB_BOOLEAN_METHOD_THROWING_EXCEPTION
*                       COMPILER_PB_UNNECESSARY_CAST
*    IBM Corporation - added the following constants:
*
                  COMPILER_PB_INVALID_JAVADOC
*                       COMPILER_PB_INVALID_JAVADOC_TAGS
*                       COMPILER_PB_INVALID_JAVADOC_TAGS_VISIBILITY
*                       COMPILER_PB_MISSING_JAVADOC_TAGS
*                       COMPILER_PB_MISSING_JAVADOC_TAGS_VISIBILITY
*                       COMPILER_PB_MISSING_JAVADOC_TAGS_OVERRIDING
*                       COMPILER_PB_MISSING_JAVADOC_COMMENTS
*                       COMPILER_PB_MISSING_JAVADOC_COMMENTS_VISIBILITY
*                       COMPILER_PB_MISSING_JAVADOC_COMMENTS_OVERRIDING
*                       COMPILER_PB_DEPRECATION_WHEN_OVERRIDING_DEPRECATED_METHOD
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_WHEN_OVERRIDING
*    IBM Corporation - added the following constants:
*                       TIMEOUT_FOR_PARAMETER_NAME_FROM_ATTACHED_JAVADOC
*
  IBM Corporation - added the following constants:
*                       COMPILER_PB_FALLTHROUGH_CASE
*                       COMPILER_PB_PARAMETER_ASSIGNMENT
*                       COMPILER_PB_NULL_REFERENCE
*    IBM Corporation - added the following constants:
```

```
*                       CODEASSIST_DEPRECATION_CHECK
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_POTENTIAL_NULL_REFERENCE
*                       COMPILER_PB_REDUNDANT_NULL_CHECK
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_UNUSED_PARAMETER_INCLUDE_DOC_COMMENT_REFERENCE
*    IBM Corporation - added the following constants:
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_INCLUDE_DOC_COMMENT_REFEREN
CE
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION
 *        COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_NO_TAG
*        COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_RETURN_TAG
*        COMPILER_PB_MISSING_JAVADOC_TAG_DESCRIPTION_ALL_TAGS
*    IBM Corporation - added the following constants:
*                       COMPILER_PB_REDUNDANT_SUPERINTERFACE
*    IBM Corporation - added the following constant:
*
COMPILER_PB_UNUSED_DECLARED_THROWN_EXCEPTION_EXEMPT_EXCEPTION_AND_THROWA
BLE
*    IBM Corporation - added getOptionForConfigurableSeverity(int)
*    Benjamin Muskalla - added COMPILER_PB_MISSING_SYNCHRONIZED_ON_INHERITED_METHOD
*    Stephan Herrmann  - added COMPILER_PB_UNUSED_OBJECT_ALLOCATION
*    Stephan Herrmann  - added COMPILER_PB_SUPPRESS_OPTIONAL_ERRORS
*    Stephan Herrmann  - added the following constants:
*          COMPILER_PB_UNCLOSED_CLOSEABLE,
*          COMPILER_PB_POTENTIALLY_UNCLOSED_CLOSEABLE
*          COMPILER_PB_EXPLICITLY_CLOSED_AUTOCLOSEABLE
 *          COMPILER_ANNOTATION_NULL_ANALYSIS
*          COMPILER_NULLABLE_ANNOTATION_NAME
*          COMPILER_NONNULL_ANNOTATION_NAME
*          COMPILER_PB_NULL_SPECIFICATION_VIOLATION
*          COMPILER_PB_POTENTIAL_NULL_SPECIFICATION_VIOLATION
*          COMPILER_PB_NULL_SPECIFICATION_INSUFFICIENT_INFO
*        COMPILER_PB_MISSING_ENUM_CASE_DESPITE_DEFAULT
*        COMPILER_PB_SWITCH_MISSING_DEFAULT_CASE
*        COMPILER_INHERIT_NULL_ANNOTATIONS
*        COMPILER_PB_NONNULL_PARAMETER_ANNOTATION_DROPPED
*        COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
*        COMPILER_PB_UNLIKELY_COLLECTION_METHOD_ARGUMENT_TYPE
*        COMPILER_PB_UNLIKELY_EQUALS_ARGUMENT_TYPE
*    Jesper S Moller   - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*                - added the following constants:
*        COMPILER_CODEGEN_METHOD_PARAMETERS_ATTR
*    Harry Terkelsen (het@google.com) - Bug 449262
 - Allow the use of third-party Java formatters
*    Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
```

suggestions
*   Karsten Thoms - Bug 532505 - Reduce memory footprint of ClasspathAccessRule
*
***/

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*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   Bug 384687 - [1.8] Wildcard type arguments should be rejected for lambda and reference
expressions
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Stephan Herrmann - Contribution for
*   bug 402028 - [1.8][compiler] null analysis for reference

expressions
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super via I.super.m() syntax
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to Files::walk
* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
* Bug 427438
 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 428264 - [1.8] method reference of generic class causes problems (wrong inference result or NPE)
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 426537 - [1.8][inference] Eclipse compiler thinks I<? super J> is compatible with I<J<?>> - raw type J involved
* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
* Bug 435689 - [1.8][inference] Type inference not occurring with lambda expression and method reference
* Bug 438383 - [1.8][null] Bogus warning: Null type safety at method return type
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 438945
 - [1.8] NullPointerException InferenceContext18.checkExpression in java 8 with generics, primitives, and overloading
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Bug 470542 - NullPointerException in ReferenceExpression.isPotentiallyCompatibleWith (962)
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contribution for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleWire.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/NativeHandler.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IQualifiedTypeResolutionListener.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleCollisionHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/legacy/StartLevelImpl.java
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*   Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
***/

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* Contributors:
*   IBM - Initial API and implementation
*   Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*   Serge Beauchamp (Freescale Semiconductor) - [229633] Group and Project Path Variable Support
* Francis Lynch (Wind River) - [301563] Save and load tree snapshots
* Martin Oberhuber (Wind River) - [306575] Save snapshot location with project
* Mikael Barbero (Eclipse Foundation) - [286681] handle WAIT_ABANDONED_0 return value
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann <stephan@cs.tu-berlin.de> - inconsistent initialization of classpath container backed by external class folder, see https://bugs.eclipse.org/320618
*   Thirumala Reddy Mutchukota <thirumala@google.com> - Contribution to bug: https://bugs.eclipse.org/bugs/show_bug.cgi?id=411423
*   Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches - https://bugs.eclipse.org/421165
*   Andrey Loskutov <loskutov@gmx.de>
 - ExternalFoldersManager.RefreshJob interrupts auto build job - https://bugs.eclipse.org/476059
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*
* Contributors:
* initial implementation            Alexandre Vasseur
* generic signature update          Adrian Colyer
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*     Stephan Herrmann - Contributions for
*        bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*        bug 370639 - [compiler][resource] restore the default for resource leak warnings
*        bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*        Bug 417758 - [1.8][null] Null safety compromise during array creation.
*        Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                        Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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Found in path(s):
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* distributed under the License is distributed on an "AS IS" BASIS,
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* limitations under the License.
*/
/**
  * Creates a new {@code PackagePermission} object.
  *
  * <p>
  * The name is specified as a normal Java package name: a dot-separated
  * string. Wildcards may be used.
  *
  * <pre>
  * name ::= &lt;package name&gt; | &lt;package name ending in &quot;.*&quot;&gt; | *
  * </pre>
  *
  *
 Examples:
  *
  * <pre>
  * org.osgi.service.http
  * javax.servlet.*
  * *
  * </pre>
  *
  * For the {@code import} action, the name can also be a filter expression.
  * The filter gives access to the following attributes:
  * <ul>
```

```
 * <li>signer - A Distinguished Name chain used to sign the exporting
 * bundle. Wildcards in a DN are not matched according to the filter string
 * rules, but according to the rules defined for a DN chain.</li>
 * <li>location - The location of the exporting bundle.</li>
 * <li>id - The bundle ID of the exporting bundle.</li>
 * <li>name - The symbolic name of the exporting bundle.</li>
 * <li>package.name - The name of the requested package.</li>
 * </ul>
 * Filter attribute names are processed in a case sensitive manner.
 *
 * <p>
 * Package Permissions are granted over all possible versions of a package.
 *
 * A bundle that needs to export a package must have the appropriate
 * {@code PackagePermission} for that package; similarly,
a bundle that
 * needs to import a package must have the appropriate
 * {@code PackagePermssion} for that package.
 * <p>
 * Permission is granted for both classes and resources.
 *
 * @param name Package name or filter expression. A filter expression can
 *        only be specified if the specified action is {@code import}.
 * @param actions {@code exportonly},{@code import} (canonical order).
 * @throws IllegalArgumentException If the specified name is a filter
 *         expression and either the specified action is not {@code import}
 *         or the filter has an invalid syntax.
 */
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/PackagePermission.java
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* Contributors:
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*     Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
```

```
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug
 383368 - [compiler][null] syntactic null analysis for field references
*       bug 401017 - [compiler][null] casted reference to @Nullable field lacks a warning
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration
 style null annotations
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CastExpression.java
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*    IBM Corporation - Fix for bug 328575
*    het@google.com - Bug 415274 - Annotation processing throws a NPE in getElementsAnnotatedWith()
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundEnvImpl.java
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jar/org/eclipse/core/internal/resources/projectvariables/WorkspaceLocationVariableResolver.java

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*     Stephan Herrmann - Contributions for
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                        Bug 415543 - [1.8][compiler] Incorrect bound index in RuntimeInvisibleTypeAnnotations attribute
*******************************************************************************/
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in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypeParameter.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/model/BinaryTypeDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/UnindexedSearchScope.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/BinaryTypeFormatter.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ChangeClasspathOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/BlobStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/TypeNameMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportDeclaration.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/FloatConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/OS.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/SourceElementRequestorAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ILocalVariable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ByteConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportContainer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/StringConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/BooleanConstant.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArgumentExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/LongConstant.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/AnnotatableInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/TypeNameRequestor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IBuffer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IPackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeParameterLocator.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageReferencePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/PackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DefaultPositionUpdater.java
*
/aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnPackageReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AccessRuleSet.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnPackageReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/RemoveFolderFromIndex.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ShortConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfObject.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PackageReferenceLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentExtension2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/CharConstant.java
*

/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/GlobalVariable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/Document.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ExternalPackageFragmentRoot.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ProjectionMapping.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AdditionalTypeCollection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ImportDeclarationElementInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/EntryResult.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/EvaluationResult.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ISourceReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/BufferChangedEvent.java
*
/aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeReferencePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/IntConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/StringOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/Constant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/DoubleConstant.java
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*
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
*                     Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*
                Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ParameterizedType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ServiceUse.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IComponentInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ComponentInfoWithTypeAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/RecordAttribute.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ComponentInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CompactConstructorDeclaration.java

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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contribution for bug 185682 - Increment/decrement operators mark local variables as read
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/IRelationshipMap.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/CompilerWrapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/IElementHandleProvider.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/IHierarchyListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajdoc/StructureUtil.java
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*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contributions for
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*   bug 382354 - [1.8][compiler] Compiler silent on conflicting modifier
*   bug 401030 - [1.8][null] Null analysis support for lambda methods.
*   Bug
 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
***/

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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnPackageVisibilityReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IModuleBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/dynamichelpers/IExtensionTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/BinarySignatureDescriber.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceAnnotationMethodInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/DefaultStackMapFrame.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/AnnotationComponentValue.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/Handle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/XMLRootHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/LazyInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedSourceMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/InvalidRegistryObjectException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/rewrite/ITrackedNodePosition.java
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*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/ModelProviderManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/CompositeResourceMapping.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ModelProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ProjectContentTypes.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/internal/HandleProviderDelimiter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/internal/CharOperation.java
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*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
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*   Andy Clement 23-06-06 added extras for @AJ
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* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Label.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/SymbolTable.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/ClassTooLargeException.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/AnnotationVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Type.java
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* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Opcodes.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/FieldVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Context.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/MethodTooLargeException.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/RecordComponentWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/ByteVector.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/RecordComponentVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Handler.java
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* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Handle.java
* /aspectjtools-1-9-9-1-sources-1-jar/aj/org/objectweb/asm/Frame.java
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*       bug 378674 - "The method can be declared as static" is wrong
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*       Bug 424167 - [1.8] Fully integrate type inference with overload resolution
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*     Stephan Herrmann - Contribution for
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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*       bug 363858 - [dom] early throwing of AbortCompilation causes NPE in CompilationUnitResolver
*       Bug 466279 - [hovering] IAE on hover when annotation-based null analysis is enabled
*******************************************************************************/
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*    philippe.marschall@netcetera.ch - Fix for 338370
*    IBM Corporation - Fix for validating relative name
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 467032 - TYPE_USE Null Annotations: IllegalStateException with annotated arrays of Enum when accessed
via BinaryTypeBinding
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TryStatement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ICompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PatternLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IPackageFragment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IPackageBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/Engine.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantPoolEntry2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IMember.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaElement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeNamesCollector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/ChangeCollector.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeDeclarationLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/PackageBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/TypeHierarchy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantPoolEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/CompilationResult.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragment.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/NameEnvironmentAnswer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathLocation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/PackageFragment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IIndexConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredUnit.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/QualifiedTypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/INameEnvironment.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/Convert.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTSyntaxErrorPropagator.java
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*
* Contributors:
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly,
especially when max line width is set - https://bugs.eclipse.org/303519
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/formatter/TokenManager.java

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*         bug 335093 - [compiler][null] minimal hook for future null annotation support
*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365983 - [compiler][null] AIOOB with null annotation analysis and varargs
*         bug 368546 - [compiler][resource] Avoid remaining false positives found when
 compiling the Eclipse SDK
*         bug 370930 - NonNull annotation not considered for enhanced for loops
*         bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*         bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*         Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*         Bug 417758 - [1.8][null] Null safety compromise
 during array creation.
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*         Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*         Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*         Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*         Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*         Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*         Bug 455723 - Nonnull argument not correctly inferred in loop
*         Andy Clement - Contributions for
*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
 work)
*                         Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Statement.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/BatchCompilerRequestor.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/CodeAttribute.java
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*       bug 393719 - [compiler] inconsistent warnings on iteration variables
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTConverter.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Mickael Istria (Red Hat Inc.) - [263316] regexp for file association
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentTypeCatalog.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentTypeBuilder.java
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*     IBM Corporation - initial API and implementation
*     Thirumala Reddy Mutchukota (thirumala@google.com) -
*       Bug 432049, JobGroup API and implementation
*       Bug 105821, Support for Job#join with timeout and progress monitor
*******************************************************************************/
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*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/FileStoreRoot.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
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* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/ExceptionLabel.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/dto/RequirementRefDTO.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/asm/HierarchyWalker.java
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*   Apache Software Foundation - Initial implementation
*   Pascal Rapicault, IBM - Pascal remove the entrySet() implementation because it relied on another class.
*   IBM - change to int keys, remove support for weak
 references, and remove unused methods
*   Rafik Jaouani - fix for the timing problem in case an item with the same key is added (bug 205117)
*/

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* Helen Hawkins converted to new interface (pr148190)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelConstantPoolWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/bcel/BcelConstantPoolReader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/CompressingDataOutputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ConstantPoolWriter.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/ConstantPoolReader.java
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 365519 - editorial cleanup after bug 186342 and bug 365387
*        Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
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*     Andrei Loskutov - bug 44735
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*/
/**
  * Test if a given requirement should be wired in the resolve operation. If
  * this method returns {@code false}, then the resolver should ignore this
  * requirement during the resolve operation.
  *
  * <p>
  * The primary use case for this is to test the {@code effective} directive
  * on
 the requirement, though implementations are free to use any effective
  * test.
  *
  * @param requirement The Requirement to test. Must not be {@code null}.
  * @return {@code true} if the requirement should be considered as part of
  *         the resolve operation.
  */
```

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*     Palo Alto Research Center, Incorporated - AspectJ adaptation
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*            bug 185682 - Increment/decrement operators mark local variables as read
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 365519 - editorial cleanup after bug 186342 and bug 365387
*        bug 368546 - [compiler][resource] Avoid remaining false positives found
 when compiling the Eclipse SDK
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first
field
*        Bug 458396 - NPE in CodeStream.invoke()
*     Jesper S Moller - Contributions for
*        bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*        bug 331649 - [compiler][null] consider null annotations for fields
*        bug 383368 - [compiler][null] syntactic null analysis for field references
```

* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 378674 - "The method can be declared as static" is wrong
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolConstant.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPoolEntry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ExtensionsParser.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/IndexBasedHierarchyBuilder.java

*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/Index.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SimpleName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/ContextTypeRegistry.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/DefaultBytecodeVisitor.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ClasspathSourceDirectory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/TemplateStoreCore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IConstantPool.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/Substitution.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PossibleMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/ITypeRequestor.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/TemplatePersistenceData.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LabeledStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/index/DiskIndex.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/BatchImageBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/compiler/IScanner.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnLocalName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/util/KeyedElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/DefaultProblem.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchParticipant.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/HandleFactory.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/AddJarFileToIndex.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/DeltaProcessingState.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRootInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ConstantPool.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/TextTemplateMessages.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/CompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/TemplateReaderWriter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelStatusConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SimpleType.java
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*        Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/TestHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/ScopeDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/AbstractPreferenceStorage.java
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*     Andy Clement   promoted member type from AjState
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*     James Blackburn (Broadcom Corp.) - ongoing development
*     Tom Hochstein (Freescale) - Bug 409996 - 'Restore Defaults' does not work properly on Project Properties > Resource tab
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*******************************************************************************/
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*   bug 185682 - Increment/decrement operators mark local variables as read
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

```
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 392384 - [1.8][compiler][null] Restore nullness
 info from type annotations in class files
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
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*       Bug 365992 - [builder] [null] Change of nullness for a parameter doesn't trigger a build for the files that call the
method
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
```

```
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*
            bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-1-
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/provisional/JavaModelAccess.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SplitPackageBinding.java
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*     Alexandre Vasseur    if() implementation for @AJ style
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*         Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation
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*         Bug 328281 - visibility leaks not detected when analyzing unused field in private class
*         Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries
*         Bug 354536 - compiling package-info.java still depends on the order of compilation units
*         Bug 349326 - [1.7] new warning for missing try-with-resources
*         Bug
```

358903 - Filter practically unimportant resource leak warnings
* Bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
* Bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
* Bug 444024 - [1.8][compiler][null] Type mismatch error in annotation generics assignment which happens "sometimes"
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous classes
* het@google.com - Bug 456986 - Bogus error when annotation processor generates annotation type
* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
* Bug 473178
**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ClassScope.java
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*
* Contributors:
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*     Jesper S Moller - Contributions for
*       Bug 378674 - "The method can be declared as static" is wrong
*     Stephan Herrmann - Contribution for
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetThisReference.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
```

* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*
* Stephan Herrmann - Contribution for
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetAllocationExpression.java
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* Stephan Herrmann - contribution for Bug 300576 - NPE Computing type hierarchy when compliance doesn't
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   Bug 320618 - inconsistent initialization of classpath container backed by external class folder
*   Bug 346010 - [model] strange initialization dependency in OptionTests
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaProject.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/CombinedEventDelta.java
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*   Erling Ellingsen - patch for bug 125570
*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*   Sebastian Zarnekow - Contribution for
*   Bug 544921 - [performance] Poor performance with large source files

**/

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in path(s):
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/CompilationUnitScope.java
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*   Danail Nachev - exception handling for registry listeners (bug 188369)
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/SyncInfoSnapReader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerReader.java
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*   Stephan Herrmann - Contribution for
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Jesper S Moller - Contributions for
*   Bug 378674 - "The method can be declared as static" is wrong
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*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*         bug 331649 - [compiler][null] consider null annotations for fields
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null] Follow-up re null type annotations
 after bug 392099
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*         Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*         Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
*         Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*         Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*         Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*         Bug 469584 - ClassCastException in Annotation.detectStandardAnnotation (320)
*         Andy Clement (GoPivotal,
 Inc) aclement@gopivotal.com - Contributions for
*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                         Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*                         Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*                         Bug 414384 - [1.8] type annotation on abbreviated inner class is not marked as inner type
*     Jesper S Moller <jesper@selskabet.org> -  Contributions for
*                         Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*                         Bug 412151 - [1.8][compiler] Check repeating annotation's collection type
*                         Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*                         Bug 419209 - [1.8] Repeating container annotations
 should be rejected in the presence of annotation it contains
*******************************************************************************/
```

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*    Andy Clement     initial implementation
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/cflowstack/ThreadStack.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/cflowstack/ThreadCounter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/EnclosingMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/apache/bcel/classfile/AnnotationDefault.java
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*   bug 331649 - [compiler][null] consider null annotations for fields
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

```
*       Bug 458396 - NPE in CodeStream.invoke()
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/VariableBinding.java
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*/
/**
  * Framework launching property specifying the persistent storage area used
  * by the framework. The value of this property must be a valid file path in
  * the file system to a directory. If the specified directory does not exist
  * then the framework will create the directory. If the specified
 path
  * exists but is not a directory or if the framework fails to create the
  * storage directory, then framework initialization must fail. The framework
  * is free to use this directory as it sees fit. This area can not be shared
  * with anything else.
  * <p>
  * If this property is not set, the framework should use a reasonable
  * platform default for the persistent storage area.
  *
  * @since 1.5
  */
/**
  * Intent supported by Remote Service implementation that provide
  * confidential communications as defined for the {@code osgi.confidential}
  * intent.
  *
```

```
 * @since 1.9
 */
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/Constants.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/ExceptionInferenceFlowContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/LambdaFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/container/EquinoxReentrantLock.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryLambdaExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedLambdaExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/PreferenceModifyListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/XMLParsingServiceFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryLambdaMethod.java
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```

```
*       Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*       Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability
analysis
*       Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*     Till Brychcy - Contribution for
*       Bug 473713
 - [1.8][null] Type mismatch: cannot convert from @NonNull A1 to @NonNull A1
*******************************************************************************/
/* Cache the derived type, tagging it as a derivative of both the key type and the naked type.
    E.g: int @NonNull [] would be tagged as a derived type of both int and int []. This is not
    needed for correctness, but for annotated object reuse. We provide two alternate ways to
    annotate a type:

    Taking parameterized types as an example, a call to getParamaterizedType can be made with annotations
    to create @NonNull List<@NonNull String> in one stroke. Or a parameterized type can be created first
    and then annotated via getAnnotatedType. In the former case, the tables get looked up with List as
    the key, in the latter with List<String> as the key.

    Binary vs source, substitutions, annotation re-attribution from SE7 locations etc trigger these
    alternate code paths. Unless care is exercised,
 we will end up with duplicate objects (that share
    the same TypeBinding.id => correctness is not an issue, but memory wastage is)
  */
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeSystem.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/StackMapFrame.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/filesystem/URIUtil.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTRequestor.java
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*     Stephan Herrmann - Contributions for
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365519 - editorial cleanup after bug 186342 and bug 365387
*         bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*******************************************************************************/
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*     Tom Tromey - Contribution for bug 159641
*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann  - Contributions for
*           bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*           bug 295551 - Add option to automatically promote all warnings to errors
*           bug 359721 - [options] add command line option
 for new warning token "resource"
*         bug 365208 - [compiler][batch] command line options for annotation based null analysis
*         bug 374605 - Unreasonable warning for enum-based switch statements
*         bug 375366 - ECJ ignores unusedParameterIncludeDocCommentReference unless enableJavadoc option is set
```

* bug 388281 - [compiler][null] inheritance of null annotations as an option
* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
* Bug 440687 - [compiler][batch][null] improve command line option for external annotations
* Bug 408815 - [batch][null] Add CLI option for
COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
* Jesper S Moller - Contributions for
* bug 407297 - [1.8][compiler] Control generation of parameter names by option
* Mat Booth - Contribution for bug 405176
* Frits Jalvingh -
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***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/AllServiceListener.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/ExportPackageDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/ProgressProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/HostSpecification.java

*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/VersionConstraint.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/url/NullURLStreamHandlerService.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/ResolverError.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/StateDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/State.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/ImportPackageSpecification.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/pluginconversion/PluginConverter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/url/URLStreamHandlerSetter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/BundleDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/IJobChangeListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/DeadlockDetector.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/jobs/IJobManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/reference/ReferenceURLConnection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/VersionRange.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/console/CommandProvider.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/console/CommandInterpreter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/FilteredServiceListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/BundleSpecification.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/Resolver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/resolver/StateObjectFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/url/reference/Handler.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/runtime/reflect/LockSignatureImpl.java
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*   Alexandre Vasseur   support for @AJ style
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*     Stephan Herrmann - Contribution for
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*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*   Bug 473178
**/

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*   Martin Oberhuber (Wind River) - [170317] add symbolic link support to API
*   Sergey Prigogin (Google) - [464072] Refresh on Access ignored during text search
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/BaseExtensionHandle.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMarkerAnnotationName.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/XMLRootElementContentDescriber.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/ConfigurationElementHandle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTypeTableAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/ContentType.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ISignatureAttribute.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeInvisibleAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/BaseExtensionPointHandle.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IEnclosingMethodAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceConstructorInfo.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeVisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeVisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeVisibleAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IParameterAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeEventHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentTypeManager.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/core/util/IRuntimeInvisibleParameterAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/urlconversion/URLConverter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/LocalVariableTypeAttribute.java
* /aspectjtools-1-9-9-1-sources-1-

jar/org/aspectj/org/eclipse/jdt/internal/codeassist/CompletionRequestorWrapper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CancelableProblemFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ParameterAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeInvisibleAnnotationsAttribute.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/util/RuntimeInvisibleParameterAnnotationsAttribute.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethodInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/Annotation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnNameOfMemberValuePair.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/ILocalVariableTypeTableEntry.java
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*   IBM Corporation - initial API and implementation
*   Stephan Herrmann <stephan@cs.tu-berlin.de> - TypeConverters don't set enclosingType -
https://bugs.eclipse.org/bugs/show_bug.cgi?id=320841
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/SystemBundleFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleResolutionReport.java
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*   Mickael Istria (Red Hat Inc.) - [263316] regexp for file association
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/CommonsTraceFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/DefaultTrace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/ISupportsMessageContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/Jdk14Trace.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/Jdk14TraceFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/Trace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/DefaultTraceFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/Traceable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/IMessageContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/TraceFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/CommonsTrace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/bridge/Constants.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathSourceJar.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hooks/DevClassLoadingHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ITypeRoot.java
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*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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*   IBM Corporation - initial API and implementation
*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 483464
*   Hannes Wellmann - Bug 577574 - Speed-up and simplify getBundleFile() and add getBundleFileLocation
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*     Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*         Bug 407191 - [1.8] Binary access support for type annotations
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IProjectNatureDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IWorkspaceDescription.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IPathVariableChangeEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/ISaveContext.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IResourceProxy.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IProjectNature.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IResourceVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/ISavedState.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/ISynchronizer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/team/IMoveDeleteHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IPathVariableChangeListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/ISaveParticipant.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArraySingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/SegmentUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/source/Annotation.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEditCopier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEditVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentExtension.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DocumentPartitioningChangedEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DocumentRewriteSessionEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ImportMatchLocatorParser.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentPartitioningListenerExtension2.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateVariableResolver.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/LinkedPosition.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*         bug 185682 - Increment/decrement operators mark local variables as read
*         bug 331649 - [compiler][null] consider null annotations for fields
*         Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*         Bug 447088 - [null] @Nullable on fully qualified field type is ignored
*         Bug 435805 - [1.8][compiler][null]
 Java 8 compiler does not recognize declaration style null annotations
*         Bug 458396 - NPE in CodeStream.invoke()
*         Bug 446217 - [null] @NonNullByDefault in package-info.java causes bogus "null type safety" warning
*     Till Brychcy - Contribution for
*               bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/BinaryContainer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IDynamicReferenceProvider.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/Module.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/OpensStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/UsesStatement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ModuleReferenceImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/BasicModule.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/templates/TextTemplateMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TextTemplateMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/undo/UndoMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/content/messages.properties
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/formatter/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/Messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/index/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/commonMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/messages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/signedcontent/SignedContentMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/messages/ExternalMessages.properties
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/TextMessages.properties
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*   Alexander Fedorov (ArSysOp) - Bug 561712
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* Contributors:
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*           Bug 407191 - [1.8] Binary access support for type annotations
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```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithTypeAnnotations.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/ICoreRunnable.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Genady Beriozkin - added support for reporting assignment with no effect
```

```
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 292478 - Report potentially null across variable assignment
*         bug 335093 - [compiler][null] minimal hook for future null annotation support
*         bug 349326 - [1.7] new warning for missing
 try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up of bug 401088: Missing
 warning about redundant null check
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Assignment.java
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* Contributors:
*     Matthew Webster, Adrian Colyer,
*     Martin Lippert     initial implementation
* ********************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/WeavingClassLoader.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/GeneratedClassHandler.java

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* Contributors:
*     Andy Clement - SpringSource
* ********************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ITDConstructorPrinter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ITDFieldPrinter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AndSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/DeclareAnnotationsPrinter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/NotSignaturePattern.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ast/IntertypeMemberClassDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/OrSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/lookup/PushinCollector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/ITDMethodPrinter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/AbstractSignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/CommonPrinter.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/PreferenceMetadata.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/OsgiPreferenceMetadataStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/IPreferenceMetadataStore.java

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* Contributors:
*     IBM Corporation - initial API and implementation
*     John Glassmyer <jogl@google.com> - import group sorting is broken - https://bugs.eclipse.org/430303
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/rewrite/ImportRewrite.java
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* Francis Lynch (Wind River) - [305718] Allow reading snapshot into renamed project
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/LogServiceManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/ExtendedLogEntryImpl.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/log/LoggerImpl.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Chris McGee (IBM) - Bug 380325 - Release filesystem fragment providing Java 7 NIO2 support
*   Sergey Prigogin (Google) - ongoing development
***/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/nio/PosixHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/nio/DosHandler.java

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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*       Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
*                       Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*                       Bug 439889 - [1.8][compiler] [lambda] Deserializing lambda fails with IllegalArgumentException:
"Invalid lambda deserialization"
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/ConstantPool.java

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*     Hannes Wellmann - Bug 576643: Clean up and unify Bundle resource classes
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/BundleFile.java
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```
*     PARC     initial implementation
*     AndyClement extracted as self contained type from Lint type (4-Aug-06)
* ********************************************************************/
```

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*     Stephan Herrmann - Contribution for
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
*******************************************************************************/
```

Found in path(s):
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeReferenceLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/NoDataDeltaNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/JavaCorePreferenceModifyListener.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/OrLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DeletedNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ConstructorPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/NodeComparison.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/PlatformURLResourceConnection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/AndLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ResourceException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DeltaDataTree.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DataTree.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/RefreshLocalAliasVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/WrappedRuntimeException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DataDeltaNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/StringLiteral.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SingleVariableDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnQualifiedAllocationExpression.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IFileModificationValidator.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/ModelObject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/SearchDocument.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/TypeVector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/KeyedHashSet.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/dtree/DataTreeNode.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/SafeChunkyInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/DelayedSnapshotJob.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistTypeParameter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistAnnotation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistImportContainer.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistImportDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistPackageDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ReadManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistSourceMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistSourceField.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/AssistInitializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/BundleFileWrapperChain.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/BundlePermissions.java
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*   wharley@bea.com - initial API and implementation
*   IBM Corporation - fix for 342598
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BaseProcessingEnvImpl.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/BundleReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/SignerProperty.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/dto/FrameworkWiringDTO.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/ServiceObjects.java
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*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
***/

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*   Jesper Steen Møller - Contributions for
*   bug 529552 - [18.3] Add 'var' in completions
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/impl/Keywords.java

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*     Danail Nachev - bug 203599 - events if jobs bundle has been stopped
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*     IBM Corporation - initial API and implementation
*     Alex Blewitt - alex_blewitt@yahoo.com https://bugs.eclipse.org/bugs/show_bug.cgi?id=171066
*     Microsoft Corporation - read formatting options from the compilation unit
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SortElementsOperation.java
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*   tyeung@bea.com - initial API and implementation
*   IBM Corporation - implemented methods from IBinding
*   IBM Corporation - renamed from ResolvedDefaultValuePair to DefaultValuePairBinding
*   IBM Corporation - Fix for 328969
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InferenceFailureException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ReductionResult.java
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*   Stephan Herrmann - Contribution for
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

```
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
 *       Bug 429403 - [1.8][null] null mismatch from type arguments is not reported at field initializer
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 458396 - NPE in CodeStream.invoke()
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FieldDeclaration.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Anton Leherbauer <anton.leherbauer@windriver.com> - [projection] "Backspace" key deleting something else -
http://bugs.eclipse.org/301023
*******************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ProjectionDocument.java
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```
*     Gunnar Wagenknecht <gunnar@wagenknecht.org> - Fix for bug 265445
*     Benjamin Cabe <benjamin.cabe@anyware-tech.com> - Fix for bug 265532
*     Lars Vogel<Lars.Vogel@vogella.com> - Bug 478768
**********************************************************************************/
/**
 * Returns the location of the platform working directory.
 * <p>
 * Callers of this method should consider using <code>getInstanceLocation</code>
 * instead.  In
 various, typically non IDE-related configurations of Eclipse, the platform
 * working directory may not be on the local file system.  As such, the more general
 * form of this location is as a URL.
 * </p><p>
 * Alternatively, instead of calling <code>getInstanceLocation</code> clients are
 * able to acquire the {@link Location} service (with the type {@link Location#INSTANCE_FILTER})
 * and then change the resulting URL to a path. See the javadoc for <code>getInstanceLocation</code>
 * for more details.
 * </p>
 * @return the location of the platform
 * @see #getInstanceLocation()
 */
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/Platform.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/report/resolution/ResolutionReport.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/namespaces/EclipsePlatformNamespace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/hookregistry/ActivatorHookFactory.java
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*   Rob Harrop - SpringSource Inc. (bug 253942)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/CloseableBundleFile.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/ZipBundleEntry.java
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*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/FakeDefaultLiteral.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocModuleReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/signedcontent/BundleToJarInputStream.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IWorkspaceRunnable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IMarker.java
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406973 - [compiler] Parse MethodParameters attribute
```

* Andy Clement - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
***/

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in path(s):
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/service/EventHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/service/FindHook.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storagemanager/ManagedOutputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/filesystem/IFileSystem.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/filesystem/IFileTree.java
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*   Abraham Nevado (lucierna) initial implementation
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/tools/cache/SimpleCache.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IResourceStatus.java
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*     James Blackburn (Broadcom Corp.) - ongoing development
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*     Christoph Laeubrich - join with IProgressMonitorWithBlocking
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/patterns/PatternNodeVisitor.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/projectvariables/WorkspaceParentLocationVariableResolver.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/projectvariables/EclipseHomeProjectVariable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/projectvariables/ParentVariableResolver.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/projectvariables/ProjectLocationVariableResolver.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/framework/internal/reliablefile/ReliableFileInputStream.java
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* Contributors:
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Till Brychcy - Java Code Formatter breaks code if single line comments contain unicode escape - https://bugs.eclipse.org/471090

**********/

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/formatter/Token.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/UnresolvedTypeVariableReferenceType.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/PlatformURLMetaConnection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/PlatformURLConfigConnection.java
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*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*       Stephan Herrmann - Contribution for
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 429958
 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 440462 - [null][compiler]NPE in EJC for erroneous null annotations
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*******************************************************************************/
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Wildcard.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SourceModuleBinding.java
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*     IBM Corporation - initial API and implementation
*     Terry Parker <tparker@google.com> - DeltaProcessor exhibits O(N^2) behavior, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=354332
*     Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see
https://bugs.eclipse.org/bugs/show_bug.cgi?id=357425
*     Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -
https://bugs.eclipse.org/421165
*******************************************************************************/
```

Found
 in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/DeltaProcessor.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Hannes Wellmann - Bug 577497 - Support version-specific entries in dev-classPath file
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/EquinoxConfiguration.java

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* Contributors:
*     IBM Corporation - initial API and implementation
* Anton Leherbauer (Wind River) - [198591] Allow Builder to specify scheduling rule
* Anton Leherbauer (Wind River) - [305858] Allow Builder to return null rule
* James Blackburn (Broadcom) - [306822] Provide Context for Builder getRule()
* Broadcom Corporation - build configurations and references
* Torbjörn Svensson (STMicroelectronics) - bug #552606
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Found in path(s):
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IIncrementalProjectBuilder2.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/bundle/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/wiring/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/service/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/bundle/EventHook.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/BundleStartLevel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/weaving/WovenClass.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/weaving/package-info.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/service/EventListenerHook.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/hooks/resolver/package-info.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/service/environment/EnvironmentInfo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IExtensionDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IRegistryChangeEvent.java
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* Francis Lynch (Wind River) - [301563] Save and load tree snapshots
* Broadcom Corporation - build configurations and references
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/IProject.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJep247Jdk12.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
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*     IBM Corporation - initial API and implementation
*     Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*     Serge Beauchamp (Freescale Semiconductor) - [229633] Project Path Variable Support
* Markus Schorn (Wind River) - [306575] Save snapshot location with project
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/IModelObjectConstants.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/TypeVariableImpl.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMessageSendName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/MissingTypesGuesser.java
*

/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/formatter/IndentManipulation.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storagemanager/StorageManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IExtendedModifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/sources/FilteredSourcePackage.java
*
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*     Christoph Laeubrich - Bug 527175 - Storage#getSystemContent() should first make the file absolute
*     Hannes Wellmann - Bug 577432 - Speed up and improve file processing in Storage
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*            bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*            bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 383368 - [compiler][null] syntactic null analysis for field references
*        bug 403147 - [compiler][null] FUP of bug 400761:
 consolidate interaction between unboxing, NPE, and deferred checking
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ant/taskdefs/AjcCompilerAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ant/taskdefs/compilers/Ajc.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ant/taskdefs/Ajc10.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/dynamichelpers/IFilter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryObjectFactory.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/MetaDataKeeper.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/spi/ConfigurationElementDescription.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/BufferedRandomInputStream.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/content/IContentTypeMatcher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistrySupport.java
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*   Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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*   Bug 186342 - [compiler][null] Using annotations for null checking
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MostSpecificExceptionMethodBinding.java

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*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/CharsetDeltaJob.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ResourceTraversal.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ResourceMapping.java
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*     Hannes Wellmann - Bug 573025 & 573026: introduce and apply NamespaceList.Builder
*******************************************************************************/
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*   Benjamin Muskalla - Contribution for bug 239066
*   Stephan Herrmann - Contributions for
*   bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*   bug 338303 - Warning about Redundant assignment conflicts with definite assignment
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
 *   bug 365519 - editorial cleanup after bug 186342 and bug 365387
*   bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*   bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 376053 - [compiler][resource] Strange potential resource leak problems
*   bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*   bug 393719 - [compiler] inconsistent warnings on iteration
 variables
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared
abstract
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 382789 - [compiler][null] warn when syntactically-nonnull expression is compared against null
*   bug 376590 - Private fields with @Inject are ignored by unused field validation
*   bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*   bug 402028 - [1.8][compiler] null analysis for reference expressions
*   bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug
 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first
field
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
Files::walk

```
*       Bug 428294 - [1.8][compiler] Type mismatch: cannot convert
 from List<Object> to Collection<Object[]>
*       Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type
Bindings
*       Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
*       Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
*       Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 434600 - Incorrect null analysis error reporting on type parameters
*       Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*       Bug 438467 - [compiler][null] Better error position for "The method _ cannot implement the corresponding
method _ due to incompatible nullness constraints"
*       Bug 439298 - [null] "Missing code implementation in the compiler" when using @NonNullByDefault
 in package-info.java
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 446442 - [1.8] merge null annotations from super methods
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Bug 458361 - [1.8][null] reconciler throws NPE in ProblemReporter.illegalReturnRedefinition()
*       Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*       Bug 461878 - [1.7][1.8][compiler][null] ECJ compiler does not allow to use null annotations on annotations
*       Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*     Jesper S Moller <jesper@selskabet.org> -  Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       bug 382721 - [1.8][compiler] Effectively final variables needs
 special treatment
*       bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 412151 - [1.8][compiler] Check repeating annotation's collection type
*       bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
*       Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*       Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*                         bug 386692 - Missing "unused" warning on "autowired" fields
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/problem/ProblemReporter.java
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*        bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 370930 - NonNull annotation not considered for enhanced for loops
*        bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 393719 - [compiler] inconsistent warnings
 on iteration variables
*        Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*        Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*     Jesper S Moller -  Contribution for
*        bug 401853 - Eclipse Java compiler creates invalid bytecode (java.lang.VerifyError)
*                          bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ForeachStatement.java
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*     Adrian Colyer, IBM
*     Andy Clement, IBM, SpringSource
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/BoundedReferenceType.java
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*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 417295 - [1.8[[null]
 Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*   Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*   Andy Clement - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's

work)
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/InstanceOfExpression.java
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*   James Blackburn (Broadcom Corp.) - ongoing development
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerSet.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/MarkerDelta.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/NotificationManager.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkspaceRoot.java
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AjASTMatcher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AjASTConverter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AjASTVisitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AjNaiveASTFlattener.java

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*     Christoph Laeubrich  - [Bug 565924] join with IProgressMonitorWithBlocking, add null aware helper methods
*          - [Bug 567808] - add support for slicing a monitor
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/IProgressMonitor.java
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*         Bug 185682 - Increment/decrement operators mark local variables as read
*         Bug 458396 - NPE in CodeStream.invoke()
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetFieldReference.java
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*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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*         bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*         bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*         bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*         Bug 422796 - [compiler][null] boxed boolean reported as potentially null after
 null test in lazy disjunction
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AND_AND_Expression.java
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*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/Javadoc.java
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*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug
 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*   Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 425460 - [1.8] [inference] Type not inferred on stream.toArray
*   Bug 426792 - [1.8][inference][impl] generify new type inference engine
*   Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*   Bug 441693 -
 [1.8][null] Bogus warning for type argument annotated with @NonNull
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version

```
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ArrayBinding.java
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* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AptSourceLocalVariableBinding.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/FilterDescriptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/preferences/BundleDefaultsScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/BundleDefaultPreferences.java
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*   Jesper S Moller - Bug 392671
*   NPE with a method with explicit this and a following incomplete parameter
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*   IBM Corporation - initial API and implementation
*   Martin Oberhuber (Wind River) - [210664] descriptionChanged(): ignore LF style

```
*     Martin Oberhuber (Wind River) - [233939] findFilesForLocation() with symlinks
*     James Blackburn (Broadcom Corp.) - ongoing development
*     Sergey Prigogin (Google) - [338010] Resource.createLink() does not preserve symbolic links
*                              - [462440] IFile#getContents methods should specify the status codes for its exceptions
*
    Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
*     Karsten Thoms <karsten.thoms@itemis.de> - Bug 521500
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/localstore/FileSystemResourceManager.java
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*     IBM Corporation - added getOption(String, boolean), getOptions(boolean) and setOptions(Map)
*     IBM Corporation - deprecated getPackageFragmentRoots(IClasspathEntry) and
*                               added findPackageFragmentRoots(IClasspathEntry)
*     IBM Corporation - added isOnClasspath(IResource)
*     IBM Corporation - added setOption(String, String)
*     IBM Corporation - added forceClasspathReload(IProgressMonitor)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/resource/Namespace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/AbstractWiringNamespace.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/BundleNamespace.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/namespace/ExecutionEnvironmentNamespace.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/util/IRecordAttribute.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/ComponentInfoWithAnnotation.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryTimestamp.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/ModelStatus.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryIndexElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/registry/RegistryIndexChildren.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/utils/BitMask.java
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   bug 407191 - [1.8] Binary access support for type annotations
*   Stephan Herrmann - Contribution for
*   Bug 440474 - [null] textual encoding of external null annotations
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyBinaryType.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryType.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/PlatformURLPluginConnection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/CoreException.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/QualifiedName.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/NullProgressMonitor.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/ContextFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/TypeElementImpl.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/MRUBundleFileList.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/loader/classpath/ClasspathManager.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnContinueStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/storage/bundlefile/NestedDirBundleFile.java
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*   Martin Oberhuber (Wind River) - [105554] handle cyclic symbolic links
*   Martin Oberhuber (Wind River) - [232426] shared prefix histories for symlinks
*   Serge Beauchamp (Freescale Semiconductor) - [252996] add resource filtering
*   Martin Oberhuber (Wind River) - [292267] OutOfMemoryError due to leak in UnifiedTree
*   James Blackburn (Broadcom Corp.) - ongoing development
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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* ******************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/BindingScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/AnnotationAJ.java
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*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   bug 403086 - [compiler][null] include the effect of 'assert'
 in syntactic null analysis for fields
***/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/EqualExpression.java
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*   Bug 342671 - ClassCastException: org.aspectj.org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to org.aspectj.org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*   Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultBindingResolver.java
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*   Christoph Läubrich - Bug 577645 - [Adapters] provide a method that returns an Optional for an adapted type
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/TagElement.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/FrameworkListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/ServiceListener.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/ImplicitJobs.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/JobQueue.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/JobChangeEvent.java
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] IndexOutOfBoundsException in TokenManager - https://bugs.eclipse.org/462945
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
*   IBM Corporation - DOM AST changes for JEP 354
**********/

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 in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/formatter/LineBreaksPreparator.java
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*   Sebastian Davids: sdavids@gmx.de - see bug 25376
*   Jeremie Bresson <jbr@bsiag.com> - Allow to specify format for date variable - https://bugs.eclipse.org/75981
*   Lars Vogel <Lars.Vogel@vogella.com> - Bug 486903, 487327, 487901
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*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Bad line breaking in Eclipse javadoc comments - https://bugs.eclipse.org/348338
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions
 for
*   Bug 473178
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*   IBM - renamed from PreReconcileCompilationResult to ReconcileContext
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/preferences/PreferenceServiceRegistryHelper.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/util/Options.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/mapping/ShallowContainer.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/eclipse/core/internal/resources/mapping/ResourceChangeDescriptionFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/filesystem/local/InfiniteProgress.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateVariableType.java
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*   bug 342671 - ClassCastException: org.aspectj.org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot
be cast to org.aspectj.org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*   Bug 420894 - ClassCastException in DefaultBindingResolver.resolveType(Type)

* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415043 - [1.8][null]
Follow-up re null type annotations after bug 392099
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434600 - Incorrect null analysis error reporting on type parameters
* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Andy Clement - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

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* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeywordModuleDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredUsesStatement.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesImplementationsSingleTypeRefer
ence.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnModuleReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ModuleStatement.java
* /aspectjtools-1-9-9-1-sources-1-
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* /aspectjtools-1-9-9-1-sources-1-
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* /aspectjtools-1-9-9-1-sources-1-
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnPackageVisibilityReference.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnModuleDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeywordModule2.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredRequiresStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesImplementationsQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredExportsStatement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesInterfacesSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesInterfacesQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnExportReference.java
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* Contributors:
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*   Jesper S Moller - Contributions for
*   bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Stephan Herrmann - Contribution for
*   bug 401030 - [1.8][null] Null analysis support for lambda methods.
*   Bug 392099
 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
*   Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*   Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*   Bug 426563 - [1.8] AIOOBE when method with error
 invoked with lambda expression as argument
*   Bug 420525 - [1.8] [compiler] Incorrect error "The type Integer does not define sum(Object, Object) that is applicable here"
*   Bug 427438 - [1.8][compiler] NPE at org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*   Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
*   Bug 428786 - [1.8][compiler] Inference needs to compute the "ground target type" when reducing a lambda compatibility constraint
*   Bug 428980 - [1.8][null] simple expression as lambda body doesn't leverage null annotation on argument
*   Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
*   Bug 432110 - [1.8][compiler] nested lambda type incorrectly inferred vs javac
*   Bug 438458 - [1.8][null] clean up handling of null type annotations
 wrt type variables
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*   Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 455723 - Nonnull argument not correctly inferred in loop
*   Bug 463728 - [1.8][compiler][inference] Ternary operator in lambda derives wrong type

```
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*******************************************************************************/
```

Found in path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/LambdaExpression.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AutomaticModuleNaming.java
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*  Stephan Herrmann - Contribution for
*       bug 401035 - [1.8] A few tests have started failing recently
*     Jesper Steen Møller - Contributions for
*                         bug 529552 - [18.3] Add 'var' in completions
*                         Bug 529556 - [18.3] Add content assist support for 'var' as a type
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionParser.java
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*     Stephan Herrmann - contribution for bug 337868 - [compiler][model] incomplete support for package-info.java
when using SearchableEnvironment
*     Microsoft Corporation - contribution for bug 575562 - improve completion search performance
**********************************************************************************/
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SearchableEnvironment.java
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*   Igor Fedorenko - extracted from ElementsImpl
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/ElementsImpl9.java
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*   Sergey Prigogin (Google) - use parameterized types (bug 442021)
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/PlatformObject.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/boot/PlatformURLHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/runtime/PluginVersionIdentifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/boot/PlatformURLConnection.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleUtil.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathJMod.java
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*     Sergey Prigogin (Google) - use parameterized types (bug 442021)
*     Christoph Laeubrich - Bug 567344 - Support registration of IAdapterFactory as OSGi Service
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/runtime/Activator.java
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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject
 into account
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*   Jesper S Moller <jesper@selskabet.org> - Contributions for
*   Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*   bug 386692 - Missing "unused" warning on "autowired" fields
*   Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*   bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeIds.java
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*   IBM Corporation - initial API and implementation
*   Luiz-Otavio Zorzella <zorzella at gmail dot com> - Improve CamelCase algorithm
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
suggestions
*   Stefan Xenos <sxenos@gmail.com> (Google) - Bug 501283 - Lots of hash collisions during indexing
**/

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*         bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Jesper Steen Moller - Contributions for
*         Bug 412150 [1.8] [compiler]
 Enable reflected parameter names during annotation processing
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```

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*   Bug 425183 - [1.8][inference] make CaptureBinding18 safe
*   Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
**/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/UpdateConfigurationDialog.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/BasicEditor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/MultiStructureViewPanel.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/DefaultBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/BrowserManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/StructureTreeManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/swing/BrowserOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureViewManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/OptionsFrame.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/SimpleStructureViewToolPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BrowserView.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/StructureViewPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/internal/UserPreferencesStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/SwingTreeViewNodeRenderer.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BrowserViewTreeListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BuildProgressPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/CompilerMessagesCellRenderer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BrowserStructureViewToolPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BuildConfigPopupMenu.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/StructureTree.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/StructureSearchManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/TreeViewBuildConfigEditor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BrowserViewManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/AJButtonMenuCombo.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/internal/LstBuildConfigFileUpdater.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/BrowserViewPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/GoToLineThread.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/swing/SwingTreeViewNodeFactory.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/url/URLStreamHandlerService.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/startlevel/FrameworkStartLevel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/url/URLStreamHandlerSetter.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/osgi/service/startlevel/StartLevel.java
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*/
/**
  * Return the certificates for the signers of this bundle and the
  * certificate chains for those signers.
  *
  * @param signersType If {@link #SIGNERS_ALL} is specified, then information
```

```
 *       on all signers of this bundle is returned. If
 *       {@link #SIGNERS_TRUSTED} is specified,
then only information on
 *       the signers of this bundle trusted by the framework is returned.
 * @return The {@code X509Certificate}s for the signers of this bundle and
 *       the {@code X509Certificate} chains for those signers. The keys of
 *       the {@code Map} are the {@code X509Certificate}s of the signers
 *       of this bundle. The value for a key is a {@code List} containing
 *       the {@code X509Certificate} chain for the signer. The first item
 *       in the {@code List} is the signer's {@code X509Certificate} which
 *       is then followed by the rest of the {@code X509Certificate}
 *       chain. The returned {@code Map} will be empty if there are no
 *       signers. The returned {@code Map} is the property of the caller
 *       who is free to modify it.
 * @throws IllegalArgumentException If the specified {@code signersType} is
 *       not {@link #SIGNERS_ALL} or {@link #SIGNERS_TRUSTED}.
 * @since 1.5
 */
```

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path(s):
* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/framework/Bundle.java
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# This file must be UTF8 encoded.

#Processor Aliases                Description

68k                          # Motorola 68000 and up
ARM                            # Intel Strong ARM
aarch64 arm64
Alpha                         # Compaq (ex DEC)
Ignite psc1k                     # PTSC
Mips                          # SGI
```

```
PArisc
                # Hewlett Packard PA Risc
PowerPC power ppc                    # Motorola/IBM Power PC
PowerPC-64 ppc64                     # IBM Power PC 64-bit Big Endian
PowerPC-64-LE ppc64le                # IBM Power PC 64-bit Little Endian
Sparc                           # SUN
x86 pentium i386 i486 i586 i686         # Intel
s390                            # IBM System 390
s390x                           # IBM System 390 (64-bit)
v850e                            # NEC V850E
x86-64 amd64 em64t x86_64               # 64 bit x86 architecture
```

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/CachedIndexEntry.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/UnresolvedReferenceNameFinder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/mapping/IResourceChangeDescriptionFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveryScannerData.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/SimpleSetOfCharArray.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   Jesper S Moller - Contributions for
*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*   Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*   Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*   Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
*   Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
*   Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*   Bug 415470 - [1.8][compiler] Type annotations on class declaration go vanishing
*   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*   Bug 434556 - Broken class file generated for incorrect annotation usage
*   Bug 442416
 - $deserializeLambda$ missing cases for nested lambdas
*   Stephan Herrmann - Contribution for
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Olivier Tardieu tardieu@us.ibm.com - Contributions for
*   Bug 442416 - $deserializeLambda$ missing cases for nested lambdas
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*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann - Contribution for
*          bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*        bug 388954 - [1.8][compiler] detect default methods in class files
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs
 to be declared abstract
*        bug 390883 - [1.8][compiler] Unable to override default method
*        bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*        bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*        bug 406928 - computation of inherited methods seems damaged (affecting @Overrides)
*        bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*        Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*******************************************************************************/
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier.java
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*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*   Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
**********/

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ArrayTypeReference.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/permadmin/PermissionInfoCollection.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/serviceregistry/ShrinkableCollection.java
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*   Brock Janiczak - Contribution for bug 150741
*   Ray V. (voidstar@gmail.com) - Contribution for bug 282988
*   Jesper S Moller - Contribution for bug 402173
*   Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

* Bug 473178
**********/

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 in path(s):
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* /aspectjtools-1-9-9-1-sources-1-jar/org/osgi/util/tracker/AbstractTracked.java
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*   Palo Alto Research Center, Incorporated - AspectJ adaptation
*   Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*   Stephan Herrmann - Contributions for
*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903
 - Filter practically unimportant resource leak warnings
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 379784 - [compiler] "Method can be static" is not getting reported
*   bug 379834 - Wrong "method can be static" in presence of qualified super and different staticness of nested super class.
*   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*   bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
*   bug 331649 - [compiler][null] consider null annotations
 for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
*   Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
 *   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*   Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*   Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload

context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 427483 - [Java 8] Variables in lambdas
sometimes can't be resolved
* Bug 427438 - [1.8][compiler] NPE at
org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:28
0)
* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
* Bug 472618 - [compiler][null] assertNotNull vs. Assert.assertNotNull
* Bug
470958 - [1.8] Unable to convert lambda
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
* Jesper S Moller - Contributions for
* Bug 378674 - "The method can be declared as static" is wrong
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/javaoptions/JavaBuildOptions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/core/BrowserCompilerConfiguration.java

* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/javaoptions/JavaComplianceOptionsPanel.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/core/BrowserOutputLocationManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/javaoptions/JavaCompilerWarningsOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/core/BrowserErrorHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/IRuntimeProperties.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/core/internal/AjdeCoreMessageHandlerAdapter.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/core/IBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/javaoptions/JavaDebugOptionsPanel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/core/JavaOptions.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/BrowserRuntimeProperties.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/core/PreferenceStoreConstants.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/core/ICompilerConfiguration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/ui/BrowserMessageHandler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/core/AjCompiler.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/tools/ajbrowser/core/BrowserBuildProgressMonitor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajde/ui/javaoptions/JavaOtherOptionsPanel.java
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*       - requestClasspathContainerUpdate(IPath, IJavaProject, IClasspathContainer)
*     IBM Corporation - allow initializers to provide a readable description
*                       of a container reference, ahead of actual resolution.
*
       - getDescription(IPath, IJavaProject)
**********************************************************************************/
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jar/org/aspectj/org/eclipse/jdt/internal/core/DeleteResourceElementsOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DocumentEvent.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedAllocationExpression.java
*
 /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/TypeDeclarationPattern.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ChildDocumentManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/compiler/InvalidInputException.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ImageBuilderInternalException.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/GapTextStore.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/Template.java
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 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/FieldReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TemplateBuffer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashSetOfInt.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DefaultLineTracker.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/UndoEdit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/IndexRequest.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/DocumentRewriteSessionType.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateInitializerOperation.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedNameReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CopyPackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMMethod.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMCompilationUnit.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMImport.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEditGroup.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IRegion.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/events/ResourceChangeListenerList.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMPackage.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/Fragment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IDocumentExtension4.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/CharArrayCache.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/DOMFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/CreateTypeOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnSingleNameReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/NonJavaResource.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PossibleMatchSet.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSingleTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/SubTypeSearchJob.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/IRepairableDocument.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/InclusivePositionUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/DeclarationOfAccessedFieldsPattern.java
* /aspectjtools-1-9-9-1-sources-1-

jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMemberAccess.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/MovePackageFragmentRootOperation.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/search/PackageReferenceMatch.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ReferenceInfoAdapter.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/DeclarationOfReferencedMethodsPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/Position.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/VerificationTypeInfo.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/AbstractJavaSearchScope.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/processing/IJob.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/TypedRegion.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/Initializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/FragmentUpdater.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/TextEditMessages.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibraryClasspathContainerInitializer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IJavaModelStatus.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/BuildNotifier.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/AbstractSearchScope.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/Region.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/adapter/AdapterManagerListener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/SourceRefElement.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/EditDocument.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/templates/TextTemplateMessages.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/resources/team/IResourceTree.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/SuperTypeReferencePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/BranchLabel.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/ElementChangedEvent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMField.java
*
/aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/ProjectionDocumentEvent.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/CreatePackageDeclarationOperation.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnQualifiedNameReference.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnQualifiedTypeReference.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/AndPattern.java
* /aspectjtools-1-9-9-1-sources-1-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MultiTypeDeclarationPattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/ObjectVector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/text/edits/UndoCollector.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMFactory.java

*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/link/LinkedModeManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IParent.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/VariableLocator.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/projection/Segment.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMMember.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/IImportContainer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/eval/IGlobalVariable.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/jface/text/TypedPosition.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/EquinoxContainerAdaptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/DTOBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/builders/OSGiManifestBuilderFactory.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleRevisionBuilder.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/EquinoxBundle.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/container/Capabilities.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleContainerAdaptor.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleDatabase.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleWiring.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/framework/EquinoxEventPublisher.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleContainer.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/internal/container/InternalUtils.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/osgi/container/ModuleResolver.java

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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/internal/compiler/CompilationResultDestinationManager.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/reflect/ReflectionFastMatchInfo.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/ASTRewriteFlattener.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchCase.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/IVariableBinding.java
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/jobs/InternalWorker.java
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*     Baltasar Belyavsky (Texas Instruments) - [361675] Order mismatch when saving/restoring workspace trees
*     Broadcom Corporation - ongoing development
*     Lars Vogel <Lars.Vogel@vogella.com> - Bug 473427
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* /aspectjtools-1-9-9-1-sources-1-jar/org/eclipse/core/internal/resources/WorkspaceTreeReader_2.java
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*        Bug 440687 - [compiler][batch][null] improve command line option for external annotations
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*   Bug 378674 - "The method can be declared as static" is wrong
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*         Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] Formatter does not format Java code correctly, especially when max line width is set - https://bugs.eclipse.org/303519
*     Mateusz Matela <mateusz.matela@gmail.com> - [formatter] follow up bug for comments - https://bugs.eclipse.org/458208
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* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/SignaturePattern.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/ajdt/core/dom/AjASTFactory.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAnnotationDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/weaver/IEclipseSourceContext.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtTypeDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/AjAST.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtMethodDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareSoftDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareWarningDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareErrorDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareParentsDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtFieldDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtConstructorDeclaration.java
* /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultTypePattern.java
*
 /aspectjtools-1-9-9-1-sources-1-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclarePrecedenceDeclaration.java
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*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
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*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Bug 415850 - [1.8] Ensure RunJDTCoreTests
 can cope with null annotations enabled
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*   Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*   Bug 434600 - Incorrect null analysis error reporting on type parameters

```
*       Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 437072 - [compiler][null] Null analysis
 emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                       Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*     Jesper S Møller <jesper@selskabet.org> -  Contributions for
*                       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*                       bug 529556 - [18.3] Add content assist support for 'var' as a type
*
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*   Bug 531046: [10] ICodeAssist#codeSelect support for 'var'
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*   bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*   bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   bug
 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
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*   Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*   Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 416190 - [1.8][null]
 detect incompatible overrides due to null type annotations
*   Bug 424624 - [1.8][null] if a static-object with annotation @NonNull is used, a warning is shown
*   Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*   Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*   Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)

* Bug 457079 - Regression: type inference
* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
* Bug 455180 - IllegalStateException in AnnotatableTypeSystem.getRawType
* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
 **********/

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1.153 js-scriptengine 21.3.8

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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ParserContextScopableNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/ImportMetaInitializer.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/PrepareStackTraceCallback.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/JSTargetableWriteNode.java
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```
import com.oracle.truffle.js.builtins.DebugBuiltins.DebugPrintSourceAttribution;
@GeneratedBy(DebugPrintSourceAttribution.class)
public static final class DebugPrintSourceAttributionNodeGen extends DebugPrintSourceAttribution implements
Introspection.Provider {
private DebugPrintSourceAttributionNodeGen(JSContext context, JSBuiltin builtin, JavaScriptNode[] arguments) {
if ((state_0 & 0b1) != 0 /* is-state_0 printSourceAttribution(DynamicObject) */ &&
```

```
JSTypes.isDynamicObject(arguments0Value_)) {
return printSourceAttribution(arguments0Value__);
if ((state_0 & 0b10) != 0 /* is-state_0 printSourceAttribution(String) */ && JSTypesGen.isImplicitString((state_0 &
0b11100) >>> 2 /* extract-implicit-state_0 0:String */, arguments0Value_)) {
return printSourceAttribution(arguments0Value__);
this.state_0_ = state_0 = state_0 | 0b1 /* add-state_0 printSourceAttribution(DynamicObject) */;
return printSourceAttribution(arguments0Value_);
this.state_0_
 = state_0 = state_0 | 0b10 /* add-state_0 printSourceAttribution(String) */;
return printSourceAttribution(arguments0Value_);
s[0] = "printSourceAttribution";
if ((state_0 & 0b1) != 0 /* is-state_0 printSourceAttribution(DynamicObject) */) {
s[0] = "printSourceAttribution";
if ((state_0 & 0b10) != 0 /* is-state_0 printSourceAttribution(String) */) {
public static DebugPrintSourceAttribution create(JSContext context, JSBuiltin builtin, JavaScriptNode[] arguments)
{
return new DebugPrintSourceAttributionNodeGen(context, builtin, arguments);
```

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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ImportNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/CallNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Module.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/TokenType.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/IdentNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Symbol.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ScriptEnvironment.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/PropertyNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/doubleconv/IeeeDouble.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/JSType.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/ModuleYieldNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/module/ReadImportBindingNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSErrorObject.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/SnapshotProvider.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/codec/BinaryDecoder.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/OperatorsBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSUncheckedProxyHandler.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSOverloadedBinaryNode.java

* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/SegmentsPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/DebugScopeVarWrapperNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/MLEBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/FrequencyBasedPolymorphicAccessNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/NamedEvaluationNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/PrivateFieldInNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/TemplateLiteralNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/InteropMemberIterator.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/intl/GetOptionsObjectNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSUncheckedProxyHandlerObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSOverloadedOperatorsObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/InstallErrorCauseNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/cast/JSToOperandNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/InternalSlotId.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/OperatorSet.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/wasm/JSWebAssemblyValueTypes.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/ReturnNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ContiguousJSObjectArray.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/JSGetOwnPropertyNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/JavaScriptNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/DefaultESModuleLoader.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/JSModuleRecord.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/JSFunctionCallNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/AbstractWritableArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/HolesDoubleArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/JSFrameUtil.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/DualNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/JavaScriptTranslator.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/HolesIntArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/IntlUtil.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/HolesJSObjectArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSDictionary.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSNonProxy.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/ClassDefinitionNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/ArrayPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ObjectLiteralNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/JSContextOptions.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ZeroBasedJSObjectArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ZeroBasedObjectArray.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/HolesObjectArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/env/Environment.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/MapPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/env/FunctionEnvironment.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/JavaScriptRootNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSModuleNamespace.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/NodeFactory.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/intl/InitializeDateTimeFormatNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/JSRealm.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/lang/JavaScriptLanguage.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSDate.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/JSErrorType.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ThrowNode.java

* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Statement.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/Source.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/LexicalContextNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/IndexNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Expression.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ObjectNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/AccessNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Terminal.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/LexicalContext.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/VarNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/Token.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/Options.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ForNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/TokenStream.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/CaseNode.java
*
/js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Flags.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/BreakableStatement.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/JoinPredecessorExpression.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/AbstractParser.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/IfNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/WithNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/CatchNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/TryNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/WhileNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/UnaryNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ECMAErrors.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/Block.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/TernaryNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/visitor/TranslatorNodeVisitor.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ClassNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/promise/AsyncHandlerRootNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/IdentUtils.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/array/JSArrayDeleteIndexNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/HasOnlyShapePropertiesNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/JavaScriptLanguageView.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/UnmodifiablePropertyKeyList.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/ByteBufferSupport.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSWeakRefObject.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSNumberObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSCollatorObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/DisplayNamesFunctionBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSRelativeTimeFormatObject.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/interop/ArrayElementInfoNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSSetObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/module/ImportMetaNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSWeakMapObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/JSCopyableObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/JSMetaType.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/FinalizationRecord.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/FinalizationRegistryPrototypeBuiltins.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSRegExpGroupsObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSBooleanObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSStringObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/DynamicScopeWrapper.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSAdapterObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/NewPrivateNameNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/OptionalExpression.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSDisplayNamesObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/DirectEvalContext.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/PrivateFieldAddNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/UTS35Validator.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSPluralRulesObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSWeakSetObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSNumberFormatObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/array/JSArrayDeleteRangeNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSLocaleObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/Triple.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/java/JavaPackageObject.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/helper/GCNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/promise/AsyncRootNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSGlobalObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSBigIntObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSDateTimeFormatObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/arguments/AccessFrameArgumentNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/ContinueTarget.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/promise/PromiseResolveNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/JSConstantNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/unary/IsCallableNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ArrayBufferViewGetByteLengthNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/BreakTarget.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSConstructorFactory.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/math/MinNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/CompilableFunction.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/cast/JSDoubleToStringNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/IsJSObjectNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/GeneratorWrapperNode.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/IsObjectNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/SuppressFBWarnings.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/unary/FlattenNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/AsyncGeneratorResolveNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/AbstractFunctionArgumentsNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSOrNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/RestObjectNode.java

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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/ZoneRulesBasedTimeZone.java

* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/ModuleInitializeEnvironmentNode.java
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/js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSObjectPrototype.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSSharedArrayBuffer.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/GraalJSParserHelper.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/GlobalDeclarationInstantiationNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/helper/IsPristineObjectNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/CallApplyArgumentsNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/DebugBuiltins.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/GlobalObjectNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ZeroBasedIntArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/BuiltinEnum.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/GlobalConstantNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSSubtractNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/interop/JSInteropExecuteNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/unary/JSIsArrayNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ConstantDoubleArray.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSSlowArray.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/cast/JSToObjectArrayNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSAbstractBuffer.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSLeftShiftNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ArrayLiteralNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/DeletePropertyNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/RegExpLiteralNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/TypedArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/InstanceofNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ConstantObjectArray.java

* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSProxy.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/AbstractContiguousDoubleArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/DateTimeFormatPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/ErrorFunctionBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ReadElementNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSBitwiseOrNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ScopeFrameNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/array/ArrayLengthNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/cast/JSToUInt32Node.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/ArrayIteratorPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/JavaScriptBaseNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSArgumentsObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/NumberFunctionBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/CachedSetPropertyNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/ConstantIntArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/helper/TruffleJSONParser.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/env/DebugEnvironment.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/IteratorStepNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSMap.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/JSTypes.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSRegExp.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/BlockScopeNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/EnumerateIteratorPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/lang/JSFileTypeDetector.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/cast/JSToPrimitiveNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/DateFunctionBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/InteropAsyncFunction.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/AbstractContiguousIntArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/GlobalScopeNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/InteropBoundFunction.java

* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSDataView.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSWeakMap.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSModuloNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/dyn/AbstractIntArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/CompoundWriteElementNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/NumberPrototypeBuiltins.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/AsyncGeneratorYieldNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/JSBuiltinsContainer.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/RealmNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/AbstractJSClass.java
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/js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/JSAgent.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSSet.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/Null.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/IsArrayNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/MapIteratorPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSGreaterOrEqualNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSOrdinary.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/JSProxyHasPropertyNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/NewTargetRootNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/ScriptArray.java
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/js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSCollator.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSMultiplyNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/GlobalScopeLookupNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/binary/JSAddSubNumericUnitNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSArrayBuffer.java
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* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/EmptyNode.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ir/ExportSpecifierNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/JSNonProxyObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/RelativeTimeFormatFunctionBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/commonjs/GlobalCommonJSRequireBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/WeakRefPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/array/ByteArraySupport.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/InteropArray.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/ConstantVariableWriteNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/IteratorSetDoneNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/DiscardResultNode.java
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/js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/SegmenterFunctionBuiltins.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSArrayBufferViewBase.java
* /js-21-3-8-sources-1-jar/META-INF/versions/11/com/oracle/truffle/js/runtime/array/ByteArraySupport.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/InteropFunction.java
* /js-21-3-8-sources-1-jar/com/oracle/js/parser/ParserContextClassNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/control/GeneratorVoidBlockNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/JSNodeDecoder.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/function/JSBuiltin.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSFunctionData.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/JSConstructTypedArrayNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/PropertyCacheNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/DataViewPrototypeBuiltins.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/doubleconv/DtoaBuffer.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/interop/ScopeMembers.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/wasm/ToJSValueNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/interop/ForeignObjectPrototypeNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSArrayBufferObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/ArrayAccess.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/intl/RelativeTimeFormatPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/intl/JSSegmenter.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/helper/ListGetNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSWeakRef.java
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 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/Nullish.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/intl/InitializeSegmenterNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/instrumentation/DeclareTagProvider.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/objects/JSClassObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/EnumerableOwnPropertyNamesNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/intl/InitializeRelativeTimeFormatNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/helper/ListSizeNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/ForInIteratorPrototypeBuiltins.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSArrayObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/builtins/JSFunctionObject.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/builtins/commonjs/CommonJSDirnameGetterBuiltin.java
*
 /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/interop/JSInteropInstantiateNode.java
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* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/util/UnmodifiableArrayList.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/parser/internal/ir/debug/PrintVisitor.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/nodes/access/WriteNode.java
* /js-21-3-8-sources-1-jar/com/oracle/truffle/js/runtime/ParserOptions.java
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*/
// get original exception from special exception property; call
```

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1.157 sodium 1.2.0

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1.159 regex 21.3.8

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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/dfa/DFAStateTransitionBuilder.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/TRegexExecutorNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/GroupBoundaries.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/ASTStepVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/TransitionSet.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/AbstractConstantKeysObject.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/dfa/DFACaptureGroupTransitionBuilder.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/NFATraceFinderGenerator.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/Token.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/SetSourceSectionVisitor.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/AbstractRegexObject.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/AddToSetVisitor.java

* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/dfa/DFAGenerator.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/ASTTransition.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/RegexProperties.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/ImmutableSortedListOfIntRanges.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/TruffleReadOnlyKeysArray.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/MultiBitSetMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/RegexASTRootNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/SingleRangeMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/NFAExport.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/CaseFoldTable.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/DFAExport.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/ASTSuccessor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodesplitter/DFANodeSplit.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/ASTTransitionCanonicalizer.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/DFACaptureGroupPartialTransition.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/RangeListMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/Constants.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/MarkLookBehindEntriesVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/NFAState.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/ASTDebugDumpVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/LookBehindAssertion.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/literal/LiteralRegexEngine.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/UnicodePropertyData.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/RegexASTSubtreeRootNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/TwoCharMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/PreCalcResultVisitor.java
*
 /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/LookAheadAssertion.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/json/JsonInt.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/MathUtil.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/json/JsonObject.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/RegexASTVisitorIterable.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/json/JsonArray.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/InitIDVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/DispatchNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/NodeCountVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/chardata/CharacterSet.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/buffer/AbstractArrayBuffer.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/UnicodeGeneralCategories.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/buffer/LongArrayBuffer.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/QuantifierGuard.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RubyFlavor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RubyFlavorProcessor.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringBufferUTF32.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/LookAroundIndex.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFAState.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/Abstract64BitSet.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFAIndex.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFATransition.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/SimpleStateIndex.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/TruffleSmallReadOnlyStringToIntMap.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFAMarkLookBehindEntries.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/Immutable128BitSet.java
*
 /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/BitSets.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFA.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/UnicodePropertyDataRuby.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/InnerLiteral.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/QuantifiableTerm.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/Range.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFAGenerator.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFATransitionGenerator.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringUTF32.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/Abstract128BitSet.java
* /regex-21-3-8-sources-
jar/com/oracle/truffle/regex/tregex/nodes/nfa/TRegexLiteralLookAroundExecutorNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/AbstractString.java
*
 /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/BasicState.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/CharMatchers.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/Matchers.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/AbstractState.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringBufferLATIN1.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringBufferUTF16.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/AbstractStringIterator.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/AbstractStringBuffer.java

* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RubyFlags.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringBufferUTF8.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/Mutable128BitSet.java
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/regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringUTF8.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/PureNFAMap.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/AbstractTransition.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringLATIN1.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/automaton/StateSetImpl.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/string/StringUTF16.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RubyCaseFoldingData.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/errors/RbErrorMessages.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RubyCaseUnfoldingTrie.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/ECMAScriptFlavor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/errors/PyErrorMessages.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/SortedListOfRanges.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/InvertibleCharMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/PythonREMode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ToLongNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputEndsWithNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/TBitSet.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/dead/DeadRegexExecNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/DFAAbstractStateNode.java
*
/regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ToStringNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/RegexASTVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/DFAStateNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/analysis/RegexUnifier.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/PythonFlavorProcessor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/buffer/CompilationBuffer.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/EmptyMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputIndexOfStringNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/NFATraversalRegexASTVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/nfa/TRegexNFAExecutorLocals.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/RegexValidator.java
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/regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TRegexDFAExecutorNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/charset/UnicodeProperties.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodesplitter/DominatorTree.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputIndexOfNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/BitSetMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputLengthNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TRegexDFAExecutorLocals.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ToIntNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/json/Json.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexRootNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TRegexDFAExecutorDebugRecorder.java
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/regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ExpectStringOrTruffleObjectNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/CopyVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputEqualsNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/LaTexExport.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/HybridBitSetMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/matchers/AnyMatcher.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/PythonFlags.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RegexFlavor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/json/JsonValue.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/PythonFlavor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TraceFinderDFAStateNode.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/TRegexExecutorLocals.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexLanguage.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/ASTLaTexExportVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexSource.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/RegexParser.java
* /regex-21-3-8-sources-
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/CalcASTPropsVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/result/RegexResult.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/RegexAST.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/util/DotExport.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/TRegexExecutorEntryNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ExpectByteArrayHostObjectNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexObject.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/input/InputReadNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexInterruptedException.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/ast/visitors/ASTDotExportVisitor.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexExecNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TRegexTraceFinderRootNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexFlags.java
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/regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/RegexLexer.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/nfa/TRegexNFAExecutorNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/CompilationResult.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/parser/flavors/RegexFlavorProcessor.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/DFAInitialStateNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nodes/dfa/TRegexLazyFindStartRootNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexProfile.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexOptions.java

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/regex-21-3-8-sources-jar/com/oracle/truffle/regex/runtime/nodes/ToCharNode.java
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* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/RegexBodyNode.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/tregex/nfa/ASTStep.java
* /regex-21-3-8-sources-jar/com/oracle/truffle/regex/util/Boundaries.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotObjectProxyHandler.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotThreadLocalActions.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/utilities/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/profiles/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/dsl/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/ImmutableMap.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/impl/DebuggerInstrument.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/source/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/package-info.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/SourceInstrumentationHandler.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostAdapterSuperMembers.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/adapters/HostAdapterServices.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostAdapterBytecodeGenerator.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/ObjectSizeCalculator.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/LegacyScopesBridge.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/DynamicObjectSupport.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotInteropErrors.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotFunction.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/interop/AssertUtils.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/HostToGuestRootNode.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/DebugValue.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostClassCache.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/dsl/Specialization.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/RepeatingNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/RootNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/DefaultIndirectCallNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/Truffle.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/frame/FrameAccessor.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/TVMCI.java
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/truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/NodeClassImpl.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/frame/FrameSlot.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/NodeInfo.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/dsl/TypeSystemReference.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/LoopNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/interop/TruffleObject.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/DynamicObjectBasic.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/LocationModifier.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/ReadOnlyArrayList.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/DebugScope.java

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/truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/EngineAccessor.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostMethodDesc.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotEngineOptions.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotValueDispatch.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/interop/InteropAccessor.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotLanguage.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostContext.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/BlockNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/host/HostTargetMappingNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/DefaultLanguageView.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/io/TruffleProcessBuilder.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/staticobject/DefaultStaticProperty.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/frame/Frame.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/dsl/NodeChild.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/Shape.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/NodeAccessor.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/DefaultVirtualFrame.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/ExecutableNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/ObjectStorageOptions.java

* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/DefaultMaterializedFrame.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/ExecutionEventNodeFactory.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/package-info.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/KillException.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/DefaultNearestNodeSearch.java
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Found in path(s):
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/polyglot/PolyglotSourceSectionDispatch.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/source/CharSequenceReader.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/AllocationEvent.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/SuppressFBWarnings.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/DispatchOutputStream.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/AllocationEventFilter.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/SuspensionFilter.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/TriePropertyMap.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/DebugContextsListener.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/DebugThreadsListener.java
*

/truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/debug/DebuggerExecutionLifecycle.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/impl/DelegatingOutputStream.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/LinkedImmutableMap.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/TrieNode.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/instrumentation/AllocationListener.java
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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/SuppressFBWarnings.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/nodes/LanguageInfo.java
No license file was found, but licenses were detected in source scan.

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* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/FinalLocationException.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/source/Source.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/LocationImpl.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/LayoutFactory.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/CoreLocations.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/profiles/BranchProfile.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/DynamicObject.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/Layout.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/CompilerDirectives.java
*
 /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/object/DynamicObjectImpl.java
* /truffle-api-21-3-8-sources-1-jar/com/oracle/truffle/api/object/Location.java

1.161 util-linux 1:2.37.2-4ubuntu3.4

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NR START END SECTORS SIZE NAME UUID
1 32 7679 7648 3.7M 8f8378c0-01
2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
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1.165 @floating-ui/core 1.6.7

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1.166 e2fsprogs 1.46.5-2ubuntu1.2

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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#
This is a Makefile stub which handles the creation of BSD shared
libraries.
#
In order to use this stub, the following makefile variables must be defined.
#
BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce
BSDLIB_MYDIR = et
BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

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This is the Debian GNU/Linux prepackaged version of the translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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===
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
-   Copyright (C) Andrew Tridgell   2005
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Gadi Oxman, August 1995

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    Theodore Ts'o
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That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the EXT2 file
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File: aclocal.m4 (only for ICU4C)
Section: pkg.m4 - Macros to locate and utilise pkg-config.

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1.168 dayjs 1.11.13

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1.170 logrus 1.4.2

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1.171 gofuzz 1.1.0

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1.172 golang-protobuf-extensions 1.0.1

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1.173 structured-merge-diff 3.0.0

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1.174 gophercloud 0.1.0

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Step 5: Writing the Code
==========

At this point, you should have:

- [x] Identified a feature or bug fix
- [x] Opened an Issue about it
- [x] Located the project's service code which validates the feature or fix
- [x] Have an OpenStack environment available to test with

Now it's time to write the actual code! We recommend reading over the
[CONTRIBUTING](/.github/CONTRIBUTING.md) guide again as a refresh. Notably
the [Getting Started](/.github/CONTRIBUTING.md#getting-started) section will
help you set up a `git` repository correctly.

We encourage you to browse the existing Gophercloud code to find examples
of similar implementations. It would be a _very_ rare occurrence for you
to be implementing something that hasn't already been done.

Use the existing packages as templates and mirror the style, naming, and
logic.

Types of Pull Requests

The amount of changes you plan to make will determine how much code you should
submit as Pull Requests.

###
A Single Bug Fix

If you're implementing a single bug fix, then creating one `git` branch and
submitting one Pull Request is fine.

Adding a Single Field

If you're adding a single field, then a single Pull Request is also fine. See
[#662](https://github.com/gophercloud/gophercloud/pull/662) as an example of
this.

If you plan to add more than one missing field, you will need to open a Pull
Request for _each_ field.

Adding a Single API Call

Single API calls can also be submitted as a single Pull Request. See
[#722](https://github.com/gophercloud/gophercloud/pull/722) as an example of
this.

Adding a Suite of API Calls

If you're adding support for a "suite" of API calls (meaning: Create, Update,
Delete, Get), then you will need to create one Pull Request for _each_ call.

The following Pull Requests are good examples of how to do this:

* https://github.com/gophercloud/gophercloud/pull/584
* https://github.com/gophercloud/gophercloud/pull/586
* https://github.com/gophercloud/gophercloud/pull/587
*
https://github.com/gophercloud/gophercloud/pull/594

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Adding an Entire OpenStack Project

To add an entire OpenStack project, you must break each set of API calls into individual Pull Requests. Implementing an entire project can be thought of as implementing multiple API suites.

An example of this can be seen from the Pull Requests referenced in [#723](https://github.com/gophercloud/gophercloud/issues/723).

What to Include in a Pull Request

Each Pull Request should contain the following:

1. The actual Go code to implement the feature or bug fix
2. Unit tests
3.
 Acceptance tests
4. Documentation

Whether you want to bundle all of the above into a single commit or multiple commits is up to you. Use your preferred style.

Unit Tests

Unit tests should provide basic validation that your code works as intended.

Please do not use JSON fixtures from the API reference documentation. Please generate your own fixtures using the OpenStack environment you're [testing](step-04-acceptance-testing.md) with.

Acceptance Tests

Since unit tests are not run against an actual OpenStack environment, acceptance tests can arguably be more important. The acceptance tests that you include in your Pull Request should confirm that your implemented code works as intended with an actual OpenStack environment.

Documentation

All documentation in Gophercloud is done through in-line `godoc`. Please make sure to document all fields, functions, and methods appropriately. In addition,

each package has a `doc.go` file which should be created or amended with details
 of your Pull Request, where appropriate.

Dealing with Related Pull Requests

If you plan to open more than one Pull Request, it's only natural that code
from one Pull Request will be dependent on code from the prior Pull Request.

There are two methods of handling this:

Create Independent Pull Requests

With this method, each Pull Request has all of the code to fully implement
the code in question. Each Pull Request can be merged in any order because
it's self contained.

Use the following `git` workflow to implement this method:

```shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout master
$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Pull Requests can be merged in any order
* Additional commits to one Pull
 Request are independent of other Pull Requests

Disadvantages of this Method:

* There will be _a lot_ of duplicate code in each Pull Request
* You will have to rebase all other Pull Requests and resolve a good amount of
 merge conflicts.

Create a Chain of Pull Requests

With this method, each Pull Request is based off of a previous Pull Request.
Pull Requests will have to be merged in a specific order since there is a
defined relationship.

Use the following `git` workflow to implement this method:

```shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Each Pull Request becomes smaller since you are building off of the last

Disadvantages of this Method:

* If a Pull Request requires changes, you will have to rebase
 all child
 Pull Requests based off of the parent.

The choice of method is up to you.

Once you have your code written, submit a Pull Request to Gophercloud and
proceed to [Step 6](step-06-code-review.md).
package RESOURCE

import (
 "github.com/gophercloud/gophercloud"
 "github.com/gophercloud/gophercloud/pagination"
)

// RESOURCE represents...
type Resource struct {
}

```
type commonResult struct {
 gophercloud.Result
}

// GetResult is the response from a Get operation. Call its Extract method
// to interpret it as a RESOURCE.
type GetResult struct {
 commonResult
}

// CreateResult is the response from a Create operation. Call its Extract method
// to interpret it as a RESOURCE.
type CreateResult struct {
 commonResult
}

// DeleteResult is the response from a Delete operation. Call its ExtractErr to
// determine if the request succeeded or failed.
type DeleteResult struct {
 gophercloud.ErrResult
}

// UpdateResult is the result of an Update request. Call its Extract method to
// interpret it as a RESOURCE.
type UpdateResult struct {
 commonResult
}

// ResourcePage is a single page of RESOURCE results.
type ResourcePage struct {
 pagination.LinkedPageBase
}

// IsEmpty determines whether
 or not a page of RESOURCES contains any results.
func (r ResourcePage) IsEmpty() (bool, error) {
 resources, err := ExtractResources(r)
 return len(resources) == 0, err
}

// NextPageURL extracts the "next" link from the links section of the result.
func (r ResourcePage) NextPageURL() (string, error) {
 var s struct {
  Links struct {
   Next     string `json:"next"`
   Previous string `json:"previous"`
  } `json:"links"`
 }
```

```
 err := r.ExtractInto(&s)
 if err != nil {
  return "", err
 }
 return s.Links.Next, err
}

// ExtractResources returns a slice of Resources contained in a single page of
// results.
func ExtractResources(r pagination.Page) ([]Resource, error) {
 var s struct {
  Resources []Resource `json:"resources"`
 }
 err := (r.(ResourcePage)).ExtractInto(&s)
 return s.Resources, err
}

// Extract interprets any commonResult as a Resource.
func (r commonResult) Extract() (*Resource, error) {
 var s struct {
  Resource *Resource `json:"resource"`
 }
 err := r.ExtractInto(&s)
 return
 s.Resource, err
}
package RESOURCE

import (
 "github.com/gophercloud/gophercloud"
 "github.com/gophercloud/gophercloud/pagination"
)

// ListOptsBuilder allows extensions to add additional parameters to
// the List request
type ListOptsBuilder interface {
 ToResourceListQuery() (string, error)
}

// ListOpts provides options to filter the List results.
type ListOpts struct {
}

// ToResourceListQuery formats a ListOpts into a query string.
func (opts ListOpts) ToResourceListQuery() (string, error) {
 q, err := gophercloud.BuildQueryString(opts)
 return q.String(), err
}
```

```
// List retrieves a list of RESOURCES.
func List(client *gophercloud.ServiceClient, opts ListOptsBuilder) pagination.Pager {
 url := listURL(client)
 if opts != nil {
  query, err := opts.ToResourceListQuery()
  if err != nil {
   return pagination.Pager{Err: err}
  }
  url += query
 }
 return pagination.NewPager(client, url, func(r pagination.PageResult) pagination.Page {
  return ResourcePage{pagination.LinkedPageBase{PageResult: r}}
 })
}

//
 Get retrieves details of a RESOURCE.
func Get(client *gophercloud.ServiceClient, id string) (r GetResult) {
 _, r.Err = client.Get(getURL(client, id), &r.Body, nil)
 return
}

// CreateOptsBuilder allows extensions to add additional parameters to
// the Create request.
type CreateOptsBuilder interface {
 ToResourceCreateMap() (map[string]interface{}, error)
}

// CreateOpts provides options used to create a RESOURCE.
type CreateOpts struct {
}

// ToResourceCreateMap formats a CreateOpts into a create request.
func (opts CreateOpts) ToResourceCreateMap() (map[string]interface{}, error) {
 return gophercloud.BuildRequestBody(opts, "resource")
}

// Create creates a new RESOURCE.
func Create(client *gophercloud.ServiceClient, opts CreateOptsBuilder) (r CreateResult) {
 b, err := opts.ToResourceCreateMap()
 if err != nil {
  r.Err = err
  return
 }
 _, r.Err = client.Post(createURL(client), &b, &r.Body, &gophercloud.RequestOpts{
  OkCodes: []int{201},
 })
```

```
 return
}

// Delete deletes
 a RESOURCE.
func Delete(client *gophercloud.ServiceClient, id string) (r DeleteResult) {
 _, r.Err = client.Delete(deleteURL(client, id), nil)
 return
}

// UpdateOptsBuilder allows extensions to add additional parameters to
// the Update request.
type UpdateOptsBuilder interface {
 ToResourceUpdateMap() (map[string]interface{}, error)
}

// UpdateOpts represents parameters to update a RESOURCE.
type UpdateOpts struct {
}

// ToUpdateCreateMap formats a UpdateOpts into an update request.
func (opts UpdateOpts) ToResourceUpdateMap() (map[string]interface{}, error) {
 return gophercloud.BuildRequestBody(opts, "resource")
}

// Update modifies the attributes of a RESOURCE.
func Update(client *gophercloud.ServiceClient, id string, opts UpdateOptsBuilder) (r UpdateResult) {
 b, err := opts.ToResourceUpdateMap()
 if err != nil {
  r.Err = err
  return
 }
 _, r.Err = client.Patch(updateURL(client, id), b, &r.Body, &gophercloud.RequestOpts{
  OkCodes: []int{200},
 })
 return
}
```

Contributor Tutorial
====================

This tutorial is to help new contributors become familiar with the processes
used by the Gophercloud team when adding a new feature or fixing a bug.

While we have a defined process for working on Gophercloud, we're very mindful
that everyone is new to this in the beginning. Please reach out for help or ask
for clarification if needed. No question is ever "dumb" or not worth our time
answering.

To begin, go to [Step 1](step-01-introduction.md).
Step 6: Code Review
==========

Once you've submitted a Pull Request, three things will happen automatically:

1. Travis-CI will run a set of simple tests:

   a. Unit Tests

   b. Code Formatting checks

   c. `go vet` checks

2. Coveralls will run a coverage test.
3. [OpenLab](https://openlabtesting.org/) will run acceptance tests.

Depending on the results of the above, you might need to make additional
changes to your code.

While you're working on the finishing touches to your code, it is helpful
to add a `[wip]` tag to the title of your Pull Request.

You are most welcomed to take as much time as you need to work on your Pull
Request. As well, take advantage of the automatic testing that is done to
each commit.

Travis-CI

If Travis reports code formatting issues, please make sure to run `gofmt` on all
of your code. Travis will also report errors with unit tests, so you should
ensure those are fixed, too.

Coveralls

If Coveralls reports a decrease in test coverage,
 check and make sure you have
provided unit tests. A decrease in test coverage is _sometimes_ unavoidable and
ignorable.

OpenLab

OpenLab does not yet run a full suite of acceptance tests, so it's possible
that the acceptance tests you've included were not run. When this happens,
a core member for Gophercloud will run the tests manually.

There are times when a core reviewer does not have access to the resources
required to run the acceptance tests. When this happens, it is essential

that you've run them yourself (See [Step 4](step-04.md)).

Request a Code Review

When you feel your Pull Request is ready for review, please leave a comment
requesting a code review. If you don't explicitly ask for a code review, a
core member might not know the Pull Request is ready for review.

Additionally, if there are parts of your implementation that you are unsure
about, please ask for help. We're more than happy to provide advice.

During the code review process, a
core member will review the code you've
submitted and either request changes or request additional information.
Generally these requests fall under the following categories:

1. Code which needs to be reformatted (See our [Style Guide](/docs/STYLEGUIDE.md)
for conventions used.

2. Requests for additional information about the validity of something. This
might happen because the included supporting service code URLs don't have
enough information.

3. Missing unit tests or acceptance tests.

Submitting Changes

If a code review requires changes to be submitted, please do not squash your
commits. Please only add new commits to the Pull Request. This is to help the
code reviewer see only the changes that were made.

It's Never Personal

Code review is a healthy exercise where a new set of eyes can sometimes spot
items forgotten by the author.

Please don't take change requests personally. Our intention is to ensure the
code is correct before
merging.

Once the code has been reviewed and approved, a core member will merge your
Pull Request.

Please proceed to [Step 7](step-07-congratulations.md).
package testing

import (
 "fmt"
 "net/http"
 "testing"

 "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
 th "github.com/gophercloud/gophercloud/testhelper"
 "github.com/gophercloud/gophercloud/testhelper/client"
)

// ListResult provides a single page of RESOURCE results.
const ListResult = `
{
}
`

// GetResult provides a Get result.
const GetResult = `
{
}
`

// CreateRequest provides the input to a Create request.
const CreateRequest = `
{
}
`

// UpdateRequest provides the input to as Update request.
const UpdateRequest = `
{
}
`

// UpdateResult provides an update result.
const UpdateResult = `
{
}
`

// FirstResource is the first resource in the List request.
var FirstResource = resources.Resource{}

// SecondResource is the second resource in the List request.
var SecondResource = resources.Resource{}

```
// SecondResourceUpdated is how SecondResource should look after an Update.
var SecondResourceUpdated = resources.Resource{}

// ExpectedResourcesSlice is the
 slice of resources expected to be returned from ListResult.
var ExpectedResourcesSlice = []resources.Resource{FirstResource, SecondResource}

// HandleListResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a list of two resources.
func HandleListResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "GET")
  th.TestHeader(t, r, "Accept", "application/json")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

  w.Header().Set("Content-Type", "application/json")
  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, ListResult)
 })
}

// HandleGetResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a single resource.
func HandleGetResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "GET")
  th.TestHeader(t,
 r, "Accept", "application/json")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

  w.Header().Set("Content-Type", "application/json")
  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, GetResult)
 })
}

// HandleCreateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource creation.
func HandleCreateResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "POST")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
  th.TestJSONRequest(t, r, CreateRequest)

  w.WriteHeader(http.StatusCreated)
  fmt.Fprintf(w, GetResult)
 })
```

```
}

// HandleDeleteResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource deletion.
func HandleDeleteResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "DELETE")
  th.TestHeader(t, r,
 "X-Auth-Token", client.TokenID)

  w.WriteHeader(http.StatusNoContent)
 })
}

// HandleUpdateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource update.
func HandleUpdateResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "PATCH")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
  th.TestJSONRequest(t, r, UpdateRequest)

  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, UpdateResult)
 })
}
package testing

import (
 "testing"

 "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
 "github.com/gophercloud/gophercloud/pagination"
 th "github.com/gophercloud/gophercloud/testhelper"
 "github.com/gophercloud/gophercloud/testhelper/client"
)

func TestListResources(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleListResourcesSuccessfully(t)

 count := 0
 err := resources.List(client.ServiceClient(), nil).EachPage(func(page pagination.Page) (bool, error) {
  count++

  actual, err := resources.ExtractResources(page)
  th.AssertNoErr(t, err)
```

```
  th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)

  return true, nil
 })
 th.AssertNoErr(t, err)
 th.AssertEquals(t, count, 1)
}

func TestListResourcesAllPages(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleListResourcesSuccessfully(t)

 allPages, err := resources.List(client.ServiceClient(), nil).AllPages()
 th.AssertNoErr(t, err)
 actual, err := resources.ExtractResources(allPages)
 th.AssertNoErr(t,
 err)
 th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
}

func TestGetResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleGetResourceSuccessfully(t)

 actual, err := resources.Get(client.ServiceClient(), "9fe1d3").Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResource, *actual)
}

func TestCreateResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleCreateResourceSuccessfully(t)

 createOpts := resources.CreateOpts{
  Name: "resource two",
 }

 actual, err := resources.Create(client.ServiceClient(), createOpts).Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResource, *actual)
}

func TestDeleteResource(t *testing.T) {
 th.SetupHTTP()
```

```
 defer th.TeardownHTTP()
 HandleDeleteResourceSuccessfully(t)

 res := resources.Delete(client.ServiceClient(), "9fe1d3")
 th.AssertNoErr(t, res.Err)
}

func TestUpdateResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleUpdateResourceSuccessfully(t)

 updateOpts
 := resources.UpdateOpts{
  Description: "Staging Resource",
 }

 actual, err := resources.Update(client.ServiceClient(), "9fe1d3", updateOpts).Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResourceUpdated, *actual)
}
```

Step 4: Acceptance Testing
==========

If we haven't started working on the feature or bug fix, why are we talking
about Acceptance Testing now?

Before you implement a feature or bug fix, you _must_ be able to test your code
in a working OpenStack environment. Please do not submit code which you have
only tested with offline unit tests.

Blindly submitting code is dangerous to the Gophercloud project. Developers
from all over the world use Gophercloud in many different projects. If you
submit code which is untested, it can cause these projects to break or become
unstable.

And, to be frank, submitting untested code will inevitably cause someone else
to have to spend time fixing it.

If you don't have an OpenStack environment to test with, we have lots of
documentation [here](/acceptance) to help you build your own small OpenStack
environment for testing.

Once you've confirmed you are able to test your code, proceed to
[Step 5](step-05-pull-requests.md) to (finally!)

start working on a Pull
Request.
/*
Package NAME manages and retrieves RESOURCE in the OpenStack SERVICE Service.

Example to List RESOURCE

Example to Create a RESOURCE

Example to Update a RESOURCE

Example to Delete a RESOURCE

*/
package RESOURCE
Step 7: Congratulations!
==========

At this point your code is merged and you've either fixed a bug or added a new
feature to Gophercloud!

We completely understand that this has been a long process. We appreciate your
patience as well as the time you have taken for working on this. You've made
Gophercloud a better project with your work.
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of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS
Step 3: Code Hunting
==========

If you plan to submit a feature or bug fix to Gophercloud, you must be
able to prove your code correctly works with the OpenStack service in
question.

Let's use the following issue as an example:
https://github.com/gophercloud/gophercloud/issues/621.
In this issue, there's a request being made to add support for
`availability_zone_hints` to the `networking/v2/networks` package.
Meaning, we want to change:

```go
type Network struct {
```

```
 ID          string   `json:"id"`
 Name        string   `json:"name"`
 AdminStateUp bool    `json:"admin_state_up"`
 Status      string   `json:"status"`
 Subnets     []string `json:"subnets"`
 TenantID    string   `json:"tenant_id"`
 Shared      bool     `json:"shared"`
}
```

to look like

```go
type Network struct {
 ID                  string   `json:"id"`
 Name                string   `json:"name"`
 AdminStateUp        bool     `json:"admin_state_up"`
 Status
             string   `json:"status"`
 Subnets             []string `json:"subnets"`
 TenantID            string   `json:"tenant_id"`
 Shared              bool     `json:"shared"`

 AvailabilityZoneHints []string `json:"availability_zone_hints"`
}
```

We need to be sure that `availability_zone_hints` is a field which really does exist in the OpenStack Neutron project and it's not a field which was added as a customization to a single OpenStack cloud.

In addition, we need to ensure that `availability_zone_hints` is really a `[]string` and not a different kind of type.

One way of verifying this is through the [OpenStack API reference documentation](https://developer.openstack.org/api-ref/network/v2/). However, the API docs might either be incorrect or they might not provide all of the details we need to know in order to ensure this field is added correctly.

> Note: when we say the API docs might be incorrect, we are _not_ implying
> that the API docs aren't
 useful or that the contributors who work on the API
> docs are wrong. OpenStack moves fast. Typos happen. Forgetting to update
> documentation happens.

Since the OpenStack service itself correctly accepts and processes the fields, the best source of information on how the field works is in the service code itself.

Continuing on with using #621 as an example, we can find the definition of
`availability_zone_hints` in the following piece of code:

https://github.com/openstack/neutron/blob/8e9959725eda4063a318b4ba6af1e3494cad9e35/neutron/objects/network.py#L191

The above code confirms that `availability_zone_hints` is indeed part of the
`Network` object and that its type is a list of strings (`[]string`).

This example is a best-case situation: the code is relatively easy to find
and it's simple to understand. However, there will be times when proving the
implementation in the service code is difficult. Make no mistake, this is _not_
fun work. This can sometimes be more difficult than
writing the actual patch
for Gophercloud. However, this is an essential step to ensuring the feature
or bug fix is correctly added to Gophercloud.

Examples of good code hunting can be seen here:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Code Hunting Tips

OpenStack projects differ from one to another. Code is organized in different
ways. However, the following tips should be useful across all projects.

* The logic which implements Create and Delete actions is usually either located
in the "model" or "controller" portion of the code.

* Use Github's search box to search for the exact field you're working on.
Review all results to gain a good understanding of everywhere the field is
used.

* When adding a field, look for an
object model or a schema of some sort.

Proceed to [Step 4](step-04-acceptance-testing.md) to learn about Acceptance
Testing.
Step 1: Read Our Guides
==========

There are two introductory guides you should read before proceeding:

* [CONTRIBUTING](/.github/CONTRIBUTING.md): The Contributing guide is a detailed
 document which describes the different ways you can contribute to Gophercloud
 and how to get started. This tutorial you're reading is very similar to that
 guide, but presented in a different way. We still recommend you read it over.

* [STYLE](/docs/STYLEGUIDE.md): The Style Guide documents coding conventions used
 in the Gophercloud project.

When you've finished reading those guides, proceed to [Step 2](step-02-issues.md).
Step 2: Create an Issue
==========

Every patch / Pull Request requires a corresponding issue. If you're fixing
a bug for an existing issue, then there's no need to create a new issue.

However, if no prior issue exists, you must create an issue.

Reporting a Bug

When reporting a bug, please try to provide as much information as you
can.

The following issues are good examples for reporting a bug:

* https://github.com/gophercloud/gophercloud/issues/108
* https://github.com/gophercloud/gophercloud/issues/212
* https://github.com/gophercloud/gophercloud/issues/424
* https://github.com/gophercloud/gophercloud/issues/588
* https://github.com/gophercloud/gophercloud/issues/629
* https://github.com/gophercloud/gophercloud/issues/647

Feature Request

If you've noticed that a feature is missing from Gophercloud, you'll also
need to create an issue before doing any work. This is start a discussion about
whether or not the feature should be included
 in Gophercloud. We don't want to
want to see you put in hours of work only to learn that the feature is out of
scope of the project.

Feature requests can come in different forms:

Adding a Feature to Gophercloud Core

The "core" of Gophercloud is the code which supports API requests and responses: pagination, error handling, building request bodies, and parsing response bodies are all examples of core code.

Modifications to core will usually have the most amount of discussion than other requests since a change to core will affect _all_ of Gophercloud.

The following issues are examples of core change discussions:

* https://github.com/gophercloud/gophercloud/issues/310
* https://github.com/gophercloud/gophercloud/issues/613
* https://github.com/gophercloud/gophercloud/issues/729
* https://github.com/gophercloud/gophercloud/issues/713

Adding a Missing Field

If you've found a missing field in an existing struct, submit an issue to request having it added. These kinds of issues
 are pretty easy to report
and resolve.

You should also provide a link to the actual service's Python code which defines the missing field.

The following issues are examples of missing fields:

* https://github.com/gophercloud/gophercloud/issues/620
* https://github.com/gophercloud/gophercloud/issues/621
* https://github.com/gophercloud/gophercloud/issues/658

There's one situation which can make adding fields more difficult: if the field is part of an API extension rather than the base API itself. An example of this can be seen in [this](https://github.com/gophercloud/gophercloud/issues/749) issue.

Here, a user reported fields missing in the `Get` function of `networking/v2/networks`. The fields reported missing weren't missing at all, they're just part of various Networking extensions located in `networking/v2/extensions`.

Adding a Missing API Call

If you've found a missing API action, create an issue with details of the action. For example:

* https://github.com/gophercloud/gophercloud/issues/715
*
https://github.com/gophercloud/gophercloud/issues/719

You'll want to make sure the API call is part of the upstream OpenStack project and not an extension created by a third-party or vendor. Gophercloud only supports the OpenStack projects proper.

Adding a Missing API Suite

Adding support to a missing suite of API calls will require more than one Pull Request. However, you can use a single issue for all PRs.

Examples of issues which track the addition of a missing API suite are:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Note how the issue breaks down the implementation by request types (Create, Update, Delete, Get, List).

Also note how these issues provide links to the service's Python code. These links are not required
for _issues_, but it's usually a good idea to provide
them, anyway. These links _are required_ for PRs and that will be covered in detail in a later step of this tutorial.

Adding a Missing OpenStack Project

These kinds of feature additions are large undertakings. Adding support for an entire OpenStack project is something the Gophercloud team very much appreciates, but you should be prepared for several weeks of work and interaction with the Gophercloud team.

An example of how to create an issue for an entire project can be seen here:

* https://github.com/gophercloud/gophercloud/issues/723

With all of the above in mind, proceed to [Step 3](step-03-code-hunting.md) to learn about Code Hunting.
package RESOURCE

```
import "github.com/gophercloud/gophercloud"

func listURL(client *gophercloud.ServiceClient) string {
 return client.ServiceURL("resource")
}

func getURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}

func createURL(client *gophercloud.ServiceClient) string {
 return client.ServiceURL("resource")
}

func deleteURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}

func updateURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}
```

1.175 bcpkix-fips 2.0.7

1.175.1 Available under license :

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

```
/**
    * Base constructor.
    * <p>
    * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
    * </p>
    * <p>
    * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
    * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
    * If *.com is in the known suffixes list will not be allowed to match.
    * </p>
    *
    * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
    */
```

Found in path(s):
* /bcpkix-fips-2-0-7-sources-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java

1.176 base-files 12ubuntu4.7

1.176.1 Available under license :

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1.177 openssl 1.1.1za

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1.178 bctls-fips 2.0.19

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public static final ProtocolName WEBRTC_CONFIDENTIAL = asUtf8Encoding("c-webrtc");

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1.179 bcutil-fips 2.0.3

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1.180 grpc-go 1.27.0

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1.188 kubernetes-yaml 1.2.0

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1.190 readable-stream/node_modules/safe-buffer 5.1.2

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1.191 cython 0.29.28

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1.195 reflect2 1.0.1

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1.196 pyasn1 0.4.8

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* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/ber/__main__.py
*

/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/opentype.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/ber/test_encoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test_useful.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test_char.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test_constraint.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/test_debug.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/codec/der/encoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/calling.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/octets.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/__main__.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test_namedtype.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/integer.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/string.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/native/test_encoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_encoder.py
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/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/der/test_encoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/eoo.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/namedval.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/ber/test_decoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_decoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test_opentype.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/univ.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/tagmap.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/cer/__main__.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/decoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/decoder.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/setup.py
* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/dateandtime.py
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ASN.1 library for Python

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[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)
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This is a free and open source implementation of ASN.1 types and codecs
as a Python package. It has been first written to support particular
protocol (SNMP) but then generalized to be suitable for a wide range
of protocols based on
[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-
E&type=items).

Features
----

*
 Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was
designed long ago by the wise Ancients. Back then, they did not
have the luxury of wasting bits. That is why ASN.1 is designed
to serialise data structures of unbounded complexity into
something compact and efficient when it comes to processing
the data.

That probably explains why many network protocols and file formats
still rely on the 30+ years old technology. Including a number of
high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.
[Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html)
by
 Olivier Dubuisson is one of those high quality books freely
available on the Internet.

The pyasn1 package is designed to help Python programmers tackling
network protocols and file formats at the comfort of their Python
prompt. The tool struggles to capture all aspects of a rather
complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures.
For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
 id       INTEGER,
 room  [0] INTEGER OPTIONAL,
 house [1] INTEGER DEFAULT 0
}
```

```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
     NamedType('id', Integer()),
     OptionalNamedType(
        'room', Integer().subtype(
           implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
        )
     ),
     DefaultedNamedType(
        'house',
 Integer(0).subtype(
           implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
        )
     )
  )
```

It is in the spirit of ASN.1 to take abstract data description
and turn it into a programming language specific form.
Once you have your ASN.1 data structure expressed in Python, you
can use it along the lines of similar Python type (e.g. ASN.1
`SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```

Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```
```

Conversely, you can turn serialised ASN.1 content, as received from
network or read from a file, into a Python object which you can
introspect, modify,
 encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int,
list, dict etc.). But ASN.1 types exhibit more complicated behaviour.
To make life easier for a Pythonista, they can turn their pyasn1
classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of
Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```

With ASN.1 design, serialisation codecs are decoupled from data objects,
so you could turn every single ASN.1 object into many different
serialised forms. As of this moment, pyasn1 supports BER, DER, CER and
Python built-ins codecs. The extremely compact PER encoding is expected
to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the
[documentation](http://snmplabs.com/pyasn1/),
compiled ASN.1 modules for different protocols and file formats
could be found in the pyasn1-modules
[repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause
BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely
available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If
something does not work as expected,
[open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or
post your question [on Stack Overflow](https://stackoverflow.com/questions/ask)
or try browsing pyasn1
[mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/README.md
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Metadata-Version: 1.2
Name: pyasn1
Version: 0.4.8
Summary: ASN.1 types and codecs
Home-page: https://github.com/etingof/pyasn1
Author: Ilya Etingof
Author-email: etingof@gmail.com
Maintainer: Ilya Etingof <etingof@gmail.com>
License: BSD
Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)
Platform: any
Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: Education
Classifier: Intended Audience :: Information Technology
Classifier: Intended Audience :: System Administrators
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Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.4
Classifier:
 Programming Language :: Python :: 2.5
Classifier: Programming Language :: Python :: 2.6
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Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.2
Classifier: Programming Language :: Python :: 3.3
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Classifier: Topic :: Software Development :: Libraries :: Python Modules

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* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1.egg-info/PKG-INFO
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=======

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ASN.1 library for Python
========================

.. toctree::
  :maxdepth: 1

Abstract Syntax Notation One (`ASN.1

<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_) is a
technology for exchanging structured data in a universally understood,
hardware agnostic way. Many industrial, security and telephony
applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements
ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and
serialisation tool. It is probably among the first serialisation protocols in
the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first
electronic mail (known as X.400). Later on if was split off the e-mail application
and become a stand-alone tech still being actively supported by its designers
and
widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the
first, unsuccessful, version of the Internet. You can read many interesting
`discussions <https://news.ycombinator.com/item?id=8871453>`_ on that topic.

In the following years, generations of software engineers tackled the serialisation
problem many times. We can see that in Google's `ProtoBuffers <https://developers.google.com/protocol-buffers/>`_
or `FlatBuffers <https://google.github.io/flatbuffers/>`_, for example.
Interestingly, many new takes on binary protocol design do not depart
far from ASN.1 from technical perspective. It's more of a matter of striking
a balance between processing overhead, wire format overhead and human
readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types
(integers, bits, strings, arrays and records) that can be used for describing
arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a
series of octets for storage or transmission over the wire as well as
recovered back into their structured form. The system is fully agnostic
to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms
of a schema language for ASN.1 compiler to turn it into platform-specific
implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely
adopted for many uses. To give you an example, these technologies
use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF,
 ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source
ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the
`statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered
security vulnerabilities, many people have implemented ASN.1 parsers
and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood
and security reviewed.

Documentation

.. toctree::
  :maxdepth: 2

  /pyasn1/contents

Use case

.. toctree::
  :maxdepth: 2

  /example-use-case

Download & Install

.. toctree::
  :maxdepth: 2

  /download

Changes

All changes and release history is maintained in changelog. There you
could also download the latest unreleased pyasn1 tarball containing
the latest fixes and improvements.

..
 toctree::
  :maxdepth: 1

  /changelog

License

The PyASN1 software is distributed under 2-clause BSD License.

.. toctree::
  :maxdepth: 2

  /license

Getting help

Please, file your `issues <https://github.com/etingof/pyasn1/issues>`_
and `PRs <https://github.com/etingof/pyasn1/pulls>`_ at GitHub.
Alternatively, you could ask for help at
`Stack Overflow <http://stackoverflow.com/questions/tagged/pyasn1>`_
or search
`pyasn1-users <https://lists.sourceforge.net/lists/listinfo/pyasn1-users>`_
mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome
books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by

Olivier Dubuisson
* `ASN.1 Complete <http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>`_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

* `ITU standards
 <http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>`_

On the other end of the readability spectrum, here is a quick and sweet write up:

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>`_ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper
book on the subject.

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* /pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/docs/source/contents.rst

1.197 tenacity 7.0.0

1.197.1 Available under license :

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1.198 distlib 0.3.3

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A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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distlib has started off using some of the code from distutil2.

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1.204 prop-types/node_modules/react-is 16.13.1

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1.205 filepath-securejoin 0.2.2

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1.206 go-digest 1.0.0-rc1

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1.210 x-xerrors 0.0.0-20200804184101-5ec99f83aff1

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1.211 @babel/runtime 7.23.9

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1.212 string_decoder/node_modules/safe-buffer 5.1.2

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1.213 read-pkg/node_modules/type-fest 0.6.0

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1.214 read-pkg-up/node_modules/type-fest 0.8.1

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
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2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
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2.6.3	2.6.2	2009	PSF	yes
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3.0	2.6	2008	PSF	yes
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distlib has started off using some of the code from distutil2.

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
// GitHub API docs: http://developer.github.com/v3/pulls/
type LicensesService struct {
 client *Client
}

// License represents an open source license.
type License struct {
 Key  *string `json:"key,omitempty"`
 Name *string `json:"name,omitempty"`
 URL  *string `json:"url,omitempty"`

 HTMLURL        *string   `json:"html_url",omitempty`
 Featured       *bool     `json:"featured,omitempty"`
 Description    *string   `json:"description,omitempty"`
 Category       *string   `json:"category,omitempty"`
 Implementation *string   `json:"implementation,omitempty"`
 Required       *[]string `json:"required,omitempty"`
 Permitted      *[]string `json:"permitted,omitempty"`
```

```
 Forbidden      *[]string
 `json:"forbidden,omitempty"`
 Body           *string   `json:"body,omitempty"`
}

func (l License) String() string {
 return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 licenses := new([]License)
 resp, err := s.client.Do(req, licenses)
 if err != nil {
  return nil, resp, err
 }

 return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s", licenseName)

 req, err := s.client.NewRequest("GET", u,
 nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 license := new(License)
 resp, err := s.client.Do(req, license)
 if err != nil {
```

```
 return nil, resp, err
 }

 return license, resp, err
}
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import: ../../../../fossene/db/schema/thing.yml
fields:
site: string

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procfs provides functions to retrieve system, kernel and process
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```
package github

import (
 "fmt"
 "net/http"
 "reflect"
 "testing"
)

func TestLicensesService_List(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
 })

 licenses, _, err := client.Licenses.List()
```

```
 if err != nil {
  t.Errorf("Licenses.List returned error: %v", err)
 }

 want := []License{License{
  Key:  String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
 }}
 if !reflect.DeepEqual(licenses, want) {
  t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
 }
}

func TestLicensesService_Get(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses/mit",
 func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
 })

 license, _, err := client.Licenses.Get("mit")
 if err != nil {
  t.Errorf("Licenses.Get returned error: %v", err)
 }

 want := &License{Key: String("mit"), Name: String("MIT")}
 if !reflect.DeepEqual(license, want) {
  t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
 }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
 _, _, err := client.Licenses.Get("%")
 testURLParseError(t, err)
}
```

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1.221 kube-openapi 0.0.0-20200121204235-bf4fb3bd569c

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package spec
```

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}
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package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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1.222 jsonreference 0.19.3

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1.223 node-fetch/node_modules/is-stream 1.1.0

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1.226 gorilla-mux 1.7.2

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1.227 orderedmap 1.4.0

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1.228 mime-pull 1.9.13

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* Project home: https://projects.eclipse.org/projects/ee4j.metro

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Source Code

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* https://github.com/eclipse-ee4j/metro-xmlstreambuffer
* https://github.com/eclipse-ee4j/metro-policy
* https://github.com/eclipse-ee4j/metro-wsit
* https://github.com/eclipse-ee4j/metro-mimepull
* https://github.com/eclipse-ee4j/metro-ws-test-harness
* https://github.com/eclipse-ee4j/metro-package-rename-task
* https://github.com/eclipse-ee4j/metro-jax-ws
* https://github.com/eclipse-ee4j/metro-saaj
* https://github.com/eclipse-ee4j/metro-jwsdp-samples
* https://github.com/eclipse-ee4j/jax-rpc-ri

Third-party Content

This project leverages the following third party content.

addressing.xml Version: 2004/10 (n/a)

* License: W3C
* Project: https://www.w3.org/Submission/ws-addressing/
* Source: http://schemas.xmlsoap.org/ws/2004/08/addressing/

ant-launcher (1.10.2)

* License: Apache-2.0 AND SAX-PD AND W3C
* Project:
https://ant.apache.org/
* Source:
http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar

Apache Ant (1.6)

* License: Apache-1.1
* Project: https://ant.apache.org/
* Source: https://repo1.maven.org/maven2/ant/ant/1.6/ant-1.6-sources.jar

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commons-logging (1.1.2)

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* Project: https://commons.apache.org/proper/commons-logging/
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JUnit (4.12)

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maven-core (3.5.2)

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maven-plugin-annotations (3.5.1)

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https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html
* Source:
https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations

maven-plugin-api (3.5.2)

* License: Apache-2.0
*
Project: https://maven.apache.org/
* Source: https://github.com/apache/maven/tree/master/maven-plugin-api

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mex.xsd Version: 2004/09 (n/a)

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* Project: https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II
* Source: http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd

plexus-utils (3.1.0)

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relaxng-datatype (1.0)

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stax2-api (4.1)

* License: Pending
* Project: https://github.com/FasterXML/stax2-api
* Source:
  http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar

testng (6.14.2)

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* Project: https://testng.org/doc/index.html
* Source: https://github.com/cbeust/testng

woodstox-core-asl
(4.4.1)

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woodstox-core-asl (5.1.0)

* License: Pending
* Project: https://github.com/FasterXML/woodstox
* Source: https://github.com/FasterXML/woodstox

ws-addr.wsd (1.0)

* License: W3C
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* Source: https://www.w3.org/2006/03/addressing/ws-addr.xsd

wsat.xsd Version: 2004/10 (n/a)

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* Source:
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wsrm Version: 2005/02 (n/a)

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* Source:
  http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm.xsd;%20http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm-policy.xsd

wsrm.xsd
(1.2)

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wstx-wsat.xsd (1.1)

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xmlsec (1.5.8)

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1.229 idna 2.9

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Metadata-Version: 1.2
Name: idna
Version: 2.9
Summary: Internationalized Domain Names in Applications (IDNA)
Home-page: https://github.com/kjd/idna
Author: Kim Davies
Author-email: kim@cynosure.com.au
License: BSD-like
Description: Internationalized Domain Names in Applications (IDNA)
    ==

    Support for the Internationalised Domain Names in Applications
    (IDNA) protocol as specified in `RFC 5891 <http://tools.ietf.org/html/rfc5891>`_.
    This is the latest version of the protocol and is sometimes referred to as
    “IDNA 2008”.

    This library also provides support for Unicode Technical Standard 46,

`Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_.

This acts as a suitable replacement for the “encodings.idna” module that
comes with the Python standard library,
but only supports the
old, deprecated IDNA specification (`RFC 3490 <http://tools.ietf.org/html/rfc3490>`_).

Basic functions are simply executed:

.. code-block:: pycon

  # Python 3
  >>> import idna
  >>> idna.encode('.')
  b'xn--eckwd4c7c.xn--zckzah'
  >>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
  .

  # Python 2
  >>> import idna
  >>> idna.encode(u'.')
  'xn--eckwd4c7c.xn--zckzah'
  >>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
  .

Packages

The latest tagged release version is published in the PyPI repository:

.. image:: https://badge.fury.io/py/idna.svg
  :target: http://badge.fury.io/py/idna

Installation

To install this library,
you can use pip:

.. code-block:: bash

  $ pip install idna

Alternatively, you can install the package using the bundled setup script:

.. code-block:: bash

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the ``encode`` and ``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the ``idna.codec`` module:

.. code-block:: pycon

```
 # Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the ``ulabel`` or ``alabel`` functions if necessary:

.. code-block:: pycon

```
# Python 2
>>> idna.alabel(u'')
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)
+++++++++++++++++++++++++++++++

As described in `RFC 5895 <http://tools.ietf.org/html/rfc5895>`_, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct

from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode
Consortium. Known as `Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_,
it provides for both a regular mapping for typical applications, as well as
a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as *LATIN CAPITAL
LETTER K* is not allowed (nor are capital letters in general). UTS 46 will
convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

   # Python 3
   >>> import idna
   >>> idna.encode(u'Königsgäßchen')
   ...
   idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
   >>> idna.encode('Königsgäßchen', uts46=True)
   b'xn--knigsgchen-b4a3dun'
   >>> print(idna.decode('xn--knigsgchen-b4a3dun'))
    königsgäßchen

Transitional processing provides conversions to help transition from the older
2003 standard to the current standard. For example, in the original IDNA
specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two
LATIN SMALL LETTER S (ss), whereas in the current IDNA specification this
conversion is not performed.

.. code-block:: pycon

   # Python 2
   >>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
   'xn--knigsgsschen-lcb0w'

Implementors should use transitional processing with caution, only in rare
cases where conversion from legacy labels to current labels must be performed
(i.e. IDNA implementations that pre-date 2008). For typical applications
that just need to convert labels, transitional processing is unlikely to be
beneficial and could produce
unexpected incompatible results.

``encodings.idna`` Compatibility
++++++++++++++++++++++++++++++++

Function calls from the Python built-in ``encodings.idna`` module are
mapped to their IDNA 2008 equivalents using the ``idna.compat`` module.

Simply substitute the ``import`` clause in your code to refer to the
new module name.

Exceptions

All errors raised during the conversion following the specification should
raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError``
when the error reflects an illegal combination of left-to-right and right-to-left
characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is
an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext``
when the codepoint is
illegal based on its positional context (i.e. it is CONTEXTO
or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for
performance. These tables are derived from computing against eligibility criteria
in the respective standards. These tables are computed using the command-line
script ``tools/idna-data``.

This tool will fetch relevant tables from the Unicode Consortium and perform the
required calculations to identify eligibility. It has three main modes:

* ``idna-data make-libdata``. Generates ``idnadata.py`` and ``uts46data.py``,
the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors
who wish to track this library against a different Unicode version may use this tool
to manually
generate a different version of the ``idnadata.py`` and ``uts46data.py``
files.

* ``idna-data make-table``. Generate a table of the IDNA disposition
(e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC
5892 and the pre-computed tables published by `IANA <http://iana.org/>`_.

* ``idna-data U+0061``. Prints debugging output on the various properties
associated with an individual Unicode codepoint (in this case, U+0061), that are
used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging
or analysis.

The tool accepts a number of arguments, described using ``idna-data -h``. Most notably,
the ``--version`` argument allows the specification of the version of Unicode to use
in computing the table data. For example, ``idna-data --version 9.0.0 make-libdata``
will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work
in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as
well as tests that are provided as part of the Unicode Technical Standard 46,
`Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_.

The tests are run automatically on each commit at Travis CI:

.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
  :target: https://travis-ci.org/kjd/idna

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: System Administrators
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
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Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
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Classifier: Programming Language :: Python :: Implementation :: CPython
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: Name Service (DNS)
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Utilities
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*

Found in path(s):
* /idna-2-9-1-tar-gz/idna-2.9/idna.egg-info/PKG-INFO
* /idna-2-9-1-tar-gz/idna-2.9/PKG-INFO
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"""
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,

known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
"""

```
import io, sys
from setuptools import setup


def main():

  python_version = sys.version_info[:2]
  if python_version < (2,7):
     raise SystemExit("Sorry, Python 2.7 or newer required")

  package_data = {}
  exec(open('idna/package_data.py').read(), package_data)

  arguments = {
     'name': 'idna',
     'packages': ['idna'],
     'version': package_data['__version__'],
     'description': 'Internationalized Domain Names in Applications (IDNA)',
     'long_description': io.open("README.rst", encoding="UTF-8").read(),
     'author': 'Kim Davies',
     'author_email': 'kim@cynosure.com.au',
      'license': 'BSD-like',
     'url': 'https://github.com/kjd/idna',
     'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
        'Intended Audience :: System Administrators',
        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: 3.7',
        'Programming Language :: Python :: 3.8',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
         'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
```

```
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    'test_suite': 'tests',
  }

  setup(**arguments)

if __name__ == '__main__':
  main()
```

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1.230 idna 12.1.0

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1.231 fbjs/node_modules/core-js 1.2.7

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.233 rxjs/node_modules/tslib 2.7.0

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1.234 cachecontrol 0.12.10

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Metadata-Version: 2.1
Name: CacheControl
Version: 0.12.10
Summary: httplib2 caching for requests
Home-page: https://github.com/ionrock/cachecontrol
Author: Eric Larson
Author-email: eric@ionrock.org
License: UNKNOWN

Description: ..
SPDX-FileCopyrightText: SPDX-FileCopyrightText: 2015 Eric Larson

SPDX-License-Identifier: Apache-2.0

==========
CacheControl
==========

.. image:: https://img.shields.io/pypi/v/cachecontrol.svg
:target: https://pypi.python.org/pypi/cachecontrol
:alt: Latest Version

.. image:: https://travis-ci.org/ionrock/cachecontrol.png?branch=master
:target: https://travis-ci.org/ionrock/cachecontrol

CacheControl is a port of the caching algorithms in httplib2_ for use with
requests_ session object.

It was written because httplib2's
better support for caching is often
mitigated by its lack of thread safety. The same is true of requests in
terms of caching.

Quickstart
==========

.. code-block:: python

import requests

from cachecontrol import CacheControl

sess = requests.session()
cached_sess = CacheControl(sess)

response = cached_sess.get('http://google.com')

If the URL contains any caching based headers, it will cache the
result in a simple dictionary.

For more info, check out the docs_

.. _docs: http://cachecontrol.readthedocs.org/en/latest/
.. _httplib2: https://github.com/httplib2/httplib2
.. _requests: http://docs.python-requests.org/

Keywords: requests http caching web
Platform: UNKNOWN
Classifier: Development Status :: 4 - Beta
Classifier: Environment :: Web
 Environment
Classifier: License :: OSI Approved :: Apache Software License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Programming Language :: Python :: 3.8
Classifier: Programming Language :: Python :: 3.9
Classifier: Programming Language :: Python :: 3.10
Classifier: Topic :: Internet :: WWW/HTTP
Requires-Python: >=3.6
Provides-Extra: redis
Provides-Extra: filecache

Found in path(s):
* /cachecontrol-0-12-10-1-tar-gz/CacheControl-0.12.10/CacheControl.egg-info/PKG-INFO
* /cachecontrol-0-12-10-1-tar-gz/CacheControl-0.12.10/PKG-INFO

1.235 jakarta-ws-rs-api 2.1.6

1.235.1 Available under license :

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Source Code

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* https://github.com/eclipse-ee4j/jaxrs-api

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javaee-api (7.0)

* License: Apache-2.0 AND W3C

JUnit (4.11)

* License: Common Public License 1.0

Mockito (2.16.0)

* Project: http://site.mockito.org
* Source: https://github.com/mockito/mockito/releases/tag/v2.16.0

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* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.apache.tomcat:tomcat-jasper-el
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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.239 jetty-webapp 9.4.57.v20241219

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
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org.apache.tomcat:tomcat-util-scan
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.

http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.242 libseccomp 2.5.3-2ubuntu3~22.04.1

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1.243 golang 1.22.12

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a) Accompany
the work with the complete corresponding
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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
// GitHub API docs: http://developer.github.com/v3/pulls/
type LicensesService struct {
 client *Client
}
```

```
// License represents an open source license.
type License struct {
 Key  *string `json:"key,omitempty"`
 Name *string `json:"name,omitempty"`
 URL  *string `json:"url,omitempty"`

 HTMLURL        *string   `json:"html_url",omitempty`
 Featured       *bool     `json:"featured,omitempty"`
 Description    *string   `json:"description,omitempty"`
 Category       *string   `json:"category,omitempty"`
 Implementation *string   `json:"implementation,omitempty"`
 Required       *[]string `json:"required,omitempty"`
 Permitted      *[]string `json:"permitted,omitempty"`
 Forbidden      *[]string
 `json:"forbidden,omitempty"`
 Body           *string   `json:"body,omitempty"`
}

func (l License) String() string {
 return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 licenses := new([]License)
 resp, err := s.client.Do(req, licenses)
 if err != nil {
  return nil, resp, err
 }

 return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s", licenseName)
```

```
req, err := s.client.NewRequest("GET", u,
nil)
if err != nil {
 return nil, nil, err
}

// TODO: remove custom Accept header when this API fully launches
req.Header.Set("Accept", mediaTypeLicensesPreview)

license := new(License)
resp, err := s.client.Do(req, license)
if err != nil {
 return nil, resp, err
}

 return license, resp, err
}
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#
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# added to the AUTHORS file, depending on whether the
# individual or corporate CLA
 was used.

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#     Name <email address>
#
# An entry with two email addresses specifies that the
# first address should be used in the submit logs and
# that the second address should be recognized as the
```

same person when interacting with Rietveld.

Please keep the list sorted.

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import: ../../../../fossene/db/schema/thing.yml
fields:
site: string
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package github

import (
"fmt"
"net/http"

```
 "reflect"
 "testing"
)

func TestLicensesService_List(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
 })

 licenses, _, err := client.Licenses.List()
 if err != nil {
  t.Errorf("Licenses.List returned error: %v", err)
 }

 want := []License{License{
  Key:  String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
 }}
 if !reflect.DeepEqual(licenses, want) {
  t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
 }
}

func TestLicensesService_Get(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses/mit",
 func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
 })

 license, _, err := client.Licenses.Get("mit")
 if err != nil {
  t.Errorf("Licenses.Get returned error: %v", err)
 }

 want := &License{Key: String("mit"), Name: String("MIT")}
 if !reflect.DeepEqual(license, want) {
  t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
```

```
 }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
 _, _, err := client.Licenses.Get("%")
 testURLParseError(t, err)
}
```

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```
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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
```

```
//
// GitHub API docs: http://developer.github.com/v3/pulls/
type LicensesService struct {
 client *Client
}

// License represents an open source license.
type License struct {
 Key  *string `json:"key,omitempty"`
 Name *string `json:"name,omitempty"`
 URL  *string `json:"url,omitempty"`

 HTMLURL       *string   `json:"html_url",omitempty`
 Featured      *bool     `json:"featured,omitempty"`
 Description   *string   `json:"description,omitempty"`
 Category      *string   `json:"category,omitempty"`
 Implementation *string   `json:"implementation,omitempty"`
 Required      *[]string `json:"required,omitempty"`
 Permitted     *[]string `json:"permitted,omitempty"`
 Forbidden     *[]string
 `json:"forbidden,omitempty"`
 Body          *string   `json:"body,omitempty"`
}

func (l License) String() string {
 return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 licenses := new([]License)
 resp, err := s.client.Do(req, licenses)
 if err != nil {
  return nil, resp, err
 }

 return *licenses, resp, err
}
```

```
// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s", licenseName)

 req, err := s.client.NewRequest("GET", u,
 nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 license := new(License)
 resp, err := s.client.Do(req, license)
 if err != nil {
  return nil, resp, err
 }

 return license, resp, err
}
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# added to the AUTHORS file, depending on whether the
# individual or corporate CLA
 was used.
```

Names should be added to this file like so:
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#
An entry with two email addresses specifies that the
first address should be used in the submit logs and
that the second address should be recognized as the
same person when interacting with Rietveld.

Please keep the list sorted.

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import: ../../../../fossene/db/schema/thing.yml
fields:
site: string

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```
package github

import (
 "fmt"
 "net/http"
 "reflect"
 "testing"
)

func TestLicensesService_List(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
 })

 licenses, _, err := client.Licenses.List()
 if err != nil {
  t.Errorf("Licenses.List returned error: %v", err)
 }

 want := []License{License{
  Key:  String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
 }}
 if !reflect.DeepEqual(licenses, want) {
  t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
 }
}

func TestLicensesService_Get(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses/mit",
 func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
 })

 license, _, err := client.Licenses.Get("mit")
 if err != nil {
  t.Errorf("Licenses.Get returned error: %v", err)
```

```
 }

 want := &License{Key: String("mit"), Name: String("MIT")}
 if !reflect.DeepEqual(license, want) {
  t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
 }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
 _, _, err := client.Licenses.Get("%")
 testURLParseError(t, err)
}
```

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
// GitHub API docs: http://developer.github.com/v3/pulls/
type LicensesService struct {
 client *Client
}

// License represents an open source license.
type License struct {
 Key  *string `json:"key,omitempty"`
 Name *string `json:"name,omitempty"`
 URL  *string `json:"url,omitempty"`

 HTMLURL        *string   `json:"html_url",omitempty`
 Featured       *bool     `json:"featured,omitempty"`
 Description    *string   `json:"description,omitempty"`
 Category       *string   `json:"category,omitempty"`
 Implementation *string   `json:"implementation,omitempty"`
 Required       *[]string `json:"required,omitempty"`
 Permitted      *[]string `json:"permitted,omitempty"`
 Forbidden      *[]string
 `json:"forbidden,omitempty"`
 Body           *string   `json:"body,omitempty"`
}

func (l License) String() string {
```

```
 return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 licenses := new([]License)
 resp, err := s.client.Do(req, licenses)
 if err != nil {
  return nil, resp, err
 }

 return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s", licenseName)

 req, err := s.client.NewRequest("GET", u,
 nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 license := new(License)
 resp, err := s.client.Do(req, license)
 if err != nil {
  return nil, resp, err
 }

 return license, resp, err
}
```

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import: ../../../../fossene/db/schema/thing.yml
fields:
site: string

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```
package github

import (
 "fmt"
 "net/http"
 "reflect"
 "testing"
)

func TestLicensesService_List(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
 })

 licenses, _, err := client.Licenses.List()
```

```
 if err != nil {
  t.Errorf("Licenses.List returned error: %v", err)
 }

 want := []License{License{
  Key:  String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
 }}
 if !reflect.DeepEqual(licenses, want) {
  t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
 }
}

func TestLicensesService_Get(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses/mit",
 func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
 })

 license, _, err := client.Licenses.Get("mit")
 if err != nil {
  t.Errorf("Licenses.Get returned error: %v", err)
 }

 want := &License{Key: String("mit"), Name: String("MIT")}
 if !reflect.DeepEqual(license, want) {
  t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
 }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
 _, _, err := client.Licenses.Get("%")
 testURLParseError(t, err)
}
```

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1.256 botocore 1.24.25

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```
{
  "ResponseMetadata": {
     "RequestId": "9a285199-c8d6-47c2-bdb2-314cb47d599d"
  }
}
```


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```
{
  "ResponseMetadata": {
     "RequestId": "6a213e4e-33a8-11df-9540-99d0768312d3"
  }
}
```


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```
{
 "pagination": {
  "ListAssociationsForLicenseConfiguration": {
    "input_token": "NextToken",
    "limit_key": "MaxResults",
    "output_token": "NextToken",
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      "method":"POST",
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    "input":{"shape":"AcceptGrantRequest"},
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    ],
    "documentation":"<p>Accepts the specified grant.</p>"
  },

  "CheckInLicense":{
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    "input":{"shape":"CheckInLicenseRequest"},
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    ],
    "documentation":"<p>Checks in the specified license. Check in a license when it is no longer in use.</p>"
  },
```

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"CheckoutBorrowLicense":{
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    {"shape":"UnsupportedDigitalSignatureMethodException"},
    {"shape":"RedirectException"},
    {"shape":"AuthorizationException"},
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  "documentation":"<p>Checks out the specified license for offline use.</p>"
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 "documentation":"<p>Creates a grant for the specified license. A grant shares the use of license entitlements with specific Amazon Web Services accounts.</p>"
  },
  "CreateGrantVersion":{
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   ],
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  "CreateLicenseConversionTaskForResource":{
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   "http":{
    "method":"POST",
    "requestUri":"/"
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    {"shape":"AccessDeniedException"},
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   ],
   "documentation":"<p>Creates a new license conversion task.</p>"
  },
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      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Creates a new version of the specified license.</p>"
  },
  "CreateToken":{
    "name":"CreateToken",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"CreateTokenRequest"},
```

```
    "output":{"shape":"CreateTokenResponse"},
    "errors":[
      {"shape":"ValidationException"},
       {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"ResourceNotFoundException"},
      {"shape":"RedirectException"}
    ],
    "documentation":"<p>Creates a long-lived token.</p> <p>A refresh token is a JWT token used to get an access token. With an access token, you can call AssumeRoleWithWebIdentity to get role credentials that you can use to call License Manager to manage the specified license.</p>"
  },
  "DeleteGrant":{
    "name":"DeleteGrant",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"DeleteGrantRequest"},
    "output":{"shape":"DeleteGrantResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"AuthorizationException"},
       {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"}
    ],
    "documentation":"<p>Deletes the specified grant.</p>"
  },
  "DeleteLicense":{
    "name":"DeleteLicense",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"DeleteLicenseRequest"},
    "output":{"shape":"DeleteLicenseResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"RedirectException"},
      {"shape":"ConflictException"},
      {"shape":"ServerInternalException"},
```

```
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Deletes the specified license.</p>"
  },
  "DeleteLicenseConfiguration":{
    "name":"DeleteLicenseConfiguration",
     "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"DeleteLicenseConfigurationRequest"},
    "output":{"shape":"DeleteLicenseConfigurationResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Deletes the specified license configuration.</p> <p>You cannot delete a license configuration that is in use.</p>"
  },
  "DeleteLicenseManagerReportGenerator":{
    "name":"DeleteLicenseManagerReportGenerator",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"DeleteLicenseManagerReportGeneratorRequest"},
    "output":{"shape":"DeleteLicenseManagerReportGeneratorResponse"},
    "errors":[
      {"shape":"ValidationException"},

   {"shape":"InvalidParameterValueException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"AccessDeniedException"},
      {"shape":"ResourceNotFoundException"}
    ],
    "documentation":"<p>Deletes the specified report generator.</p> <p>This action deletes the report generator, which stops it from generating future reports. The action cannot be reversed. It has no effect on the previous reports from this generator.</p>"
  },
  "DeleteToken":{
```

```
  "name":"DeleteToken",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"DeleteTokenRequest"},
  "output":{"shape":"DeleteTokenResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
     {"shape":"ServerInternalException"},
    {"shape":"ResourceNotFoundException"},
    {"shape":"RedirectException"}
  ],
  "documentation":"<p>Deletes the specified token. Must be called in the license home Region.</p>"
},
"ExtendLicenseConsumption":{
  "name":"ExtendLicenseConsumption",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ExtendLicenseConsumptionRequest"},
  "output":{"shape":"ExtendLicenseConsumptionResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"ResourceNotFoundException"}
  ],
  "documentation":"<p>Extends the expiration date for license consumption.</p>"
},
"GetAccessToken":{
  "name":"GetAccessToken",
   "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"GetAccessTokenRequest"},
  "output":{"shape":"GetAccessTokenResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"AuthorizationException"},
```

```
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ServerInternalException"}
    ],
    "documentation":"<p>Gets a temporary access token to use with AssumeRoleWithWebIdentity. Access tokens are valid for one hour.</p>"
  },
  "GetGrant":{
    "name":"GetGrant",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"GetGrantRequest"},
    "output":{"shape":"GetGrantResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"},

  {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Gets detailed information about the specified grant.</p>"
  },
  "GetLicense":{
    "name":"GetLicense",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"GetLicenseRequest"},
    "output":{"shape":"GetLicenseResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ServerInternalException"}
    ],
    "documentation":"<p>Gets detailed information about the specified license.</p>"
  },
  "GetLicenseConfiguration":{
    "name":"GetLicenseConfiguration",
    "http":{
```

```
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"GetLicenseConfigurationRequest"},
    "output":{"shape":"GetLicenseConfigurationResponse"},
   "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
   ],
   "documentation":"<p>Gets detailed information about the specified license configuration.</p>"
  },
  "GetLicenseConversionTask":{
   "name":"GetLicenseConversionTask",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"GetLicenseConversionTaskRequest"},
   "output":{"shape":"GetLicenseConversionTaskResponse"},
   "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
   ],
   "documentation":"<p>Gets
information about the specified license type conversion task.</p>"
  },
  "GetLicenseManagerReportGenerator":{
   "name":"GetLicenseManagerReportGenerator",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"GetLicenseManagerReportGeneratorRequest"},
   "output":{"shape":"GetLicenseManagerReportGeneratorResponse"},
   "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"ResourceLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"AccessDeniedException"},
```

```
    {"shape":"ResourceNotFoundException"}
   ],
   "documentation":"<p>Gets information about the specified report generator.</p>"
  },
  "GetLicenseUsage":{
   "name":"GetLicenseUsage",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"GetLicenseUsageRequest"},
   "output":{"shape":"GetLicenseUsageResponse"},
   "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"}
   ],
   "documentation":"<p>Gets detailed information about the usage of the specified license.</p>"
  },
  "GetServiceSettings":{
   "name":"GetServiceSettings",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"GetServiceSettingsRequest"},
   "output":{"shape":"GetServiceSettingsResponse"},
   "errors":[
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
   ],
   "documentation":"<p>Gets the License
Manager settings for the current Region.</p>"
  },
  "ListAssociationsForLicenseConfiguration":{
   "name":"ListAssociationsForLicenseConfiguration",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"ListAssociationsForLicenseConfigurationRequest"},
   "output":{"shape":"ListAssociationsForLicenseConfigurationResponse"},
   "errors":[
```

```
      {"shape":"InvalidParameterValueException"},
      {"shape":"FilterLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists the resource associations for the specified license configuration.</p> <p>Resource associations need not consume licenses from a license configuration. For example, an AMI or a stopped instance might not consume a license (depending on the license rules).</p>"
  },
  "ListDistributedGrants":{
    "name":"ListDistributedGrants",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListDistributedGrantsRequest"},
    "output":{"shape":"ListDistributedGrantsResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists the grants distributed for the specified license.</p>"
  },
  "ListFailuresForLicenseConfigurationOperations":{
    "name":"ListFailuresForLicenseConfigurationOperations",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListFailuresForLicenseConfigurationOperationsRequest"},
    "output":{"shape":"ListFailuresForLicenseConfigurationOperationsResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists the license configuration operations that failed.</p>"
  },
  "ListLicenseConfigurations":{
```

```
    "name":"ListLicenseConfigurations",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListLicenseConfigurationsRequest"},
    "output":{"shape":"ListLicenseConfigurationsResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"ServerInternalException"},
      {"shape":"FilterLimitExceededException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists
the license configurations for your account.</p>"
  },
  "ListLicenseConversionTasks":{
    "name":"ListLicenseConversionTasks",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListLicenseConversionTasksRequest"},
    "output":{"shape":"ListLicenseConversionTasksResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists the license type conversion tasks for your account.</p>"
  },
  "ListLicenseManagerReportGenerators":{
    "name":"ListLicenseManagerReportGenerators",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListLicenseManagerReportGeneratorsRequest"},
    "output":{"shape":"ListLicenseManagerReportGeneratorsResponse"},
     "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"},
```

```
    {"shape":"AuthorizationException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"AccessDeniedException"},
    {"shape":"ResourceNotFoundException"}
   ],
   "documentation":"<p>Lists the report generators for your account.</p>"
  },
  "ListLicenseSpecificationsForResource":{
   "name":"ListLicenseSpecificationsForResource",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"ListLicenseSpecificationsForResourceRequest"},
   "output":{"shape":"ListLicenseSpecificationsForResourceResponse"},
   "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
     {"shape":"RateLimitExceededException"}
   ],
   "documentation":"<p>Describes the license configurations for the specified resource.</p>"
  },
  "ListLicenseVersions":{
   "name":"ListLicenseVersions",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"ListLicenseVersionsRequest"},
   "output":{"shape":"ListLicenseVersionsResponse"},
   "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"}
   ],
   "documentation":"<p>Lists all versions of the specified license.</p>"
  },
  "ListLicenses":{
   "name":"ListLicenses",
   "http":{
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"ListLicensesRequest"},
```

```
  "output":{"shape":"ListLicensesResponse"},
  "errors":[
    {"shape":"ValidationException"},
     {"shape":"InvalidParameterValueException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ServerInternalException"}
  ],
  "documentation":"<p>Lists the licenses for your account.</p>"
},
"ListReceivedGrants":{
  "name":"ListReceivedGrants",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListReceivedGrantsRequest"},
  "output":{"shape":"ListReceivedGrantsResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"ResourceLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Lists grants that are received but not accepted.</p>"
 },
"ListReceivedLicenses":{
  "name":"ListReceivedLicenses",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListReceivedLicensesRequest"},
  "output":{"shape":"ListReceivedLicensesResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"InvalidParameterValueException"},
    {"shape":"ResourceLimitExceededException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Lists received licenses.</p>"
```

```
},
"ListResourceInventory":{
  "name":"ListResourceInventory",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListResourceInventoryRequest"},
  "output":{"shape":"ListResourceInventoryResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
     {"shape":"ServerInternalException"},
    {"shape":"FilterLimitExceededException"},
    {"shape":"FailedDependencyException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Lists resources managed using Systems Manager inventory.</p>"
},
"ListTagsForResource":{
  "name":"ListTagsForResource",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListTagsForResourceRequest"},
  "output":{"shape":"ListTagsForResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Lists the tags for the specified license configuration.</p>"
},
"ListTokens":{
   "name":"ListTokens",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"ListTokensRequest"},
  "output":{"shape":"ListTokensResponse"},
  "errors":[
    {"shape":"ValidationException"},
    {"shape":"AuthorizationException"},
```

```
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ServerInternalException"}
    ],
    "documentation":"<p>Lists your tokens.</p>"
  },
  "ListUsageForLicenseConfiguration":{
    "name":"ListUsageForLicenseConfiguration",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"ListUsageForLicenseConfigurationRequest"},
    "output":{"shape":"ListUsageForLicenseConfigurationResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"FilterLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
       {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Lists all license usage records for a license configuration, displaying license consumption details by resource at a selected point in time. Use this action to audit the current license consumption for any license inventory and configuration.</p>"
  },
  "RejectGrant":{
    "name":"RejectGrant",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"RejectGrantRequest"},
    "output":{"shape":"RejectGrantResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ResourceLimitExceededException"},
      {"shape":"ServerInternalException"}
    ],
    "documentation":"<p>Rejects the specified grant.</p>"
  },
  "TagResource":{
    "name":"TagResource",
```

```
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"TagResourceRequest"},
  "output":{"shape":"TagResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Adds the specified tags to the specified license configuration.</p>"
},
"UntagResource":{
  "name":"UntagResource",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UntagResourceRequest"},
  "output":{"shape":"UntagResourceResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
     {"shape":"RateLimitExceededException"}
  ],
  "documentation":"<p>Removes the specified tags from the specified license configuration.</p>"
},
"UpdateLicenseConfiguration":{
  "name":"UpdateLicenseConfiguration",
  "http":{
    "method":"POST",
    "requestUri":"/"
  },
  "input":{"shape":"UpdateLicenseConfigurationRequest"},
  "output":{"shape":"UpdateLicenseConfigurationResponse"},
  "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"},
    {"shape":"ResourceLimitExceededException"}
  ],
```

```
    "documentation":"<p>Modifies the attributes of an existing license configuration.</p>"
  },
  "UpdateLicenseManagerReportGenerator":{
    "name":"UpdateLicenseManagerReportGenerator",
    "http":{
      "method":"POST",
       "requestUri":"/"
    },
    "input":{"shape":"UpdateLicenseManagerReportGeneratorRequest"},
    "output":{"shape":"UpdateLicenseManagerReportGeneratorResponse"},
    "errors":[
      {"shape":"ValidationException"},
      {"shape":"InvalidParameterValueException"},
      {"shape":"RateLimitExceededException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"ResourceNotFoundException"},
      {"shape":"ResourceLimitExceededException"}
    ],
    "documentation":"<p>Updates a report generator.</p> <p>After you make changes to a report generator, it starts generating new reports within 60 minutes of being updated.</p>"
  },
  "UpdateLicenseSpecificationsForResource":{
    "name":"UpdateLicenseSpecificationsForResource",
    "http":{
      "method":"POST",
      "requestUri":"/"
    },
    "input":{"shape":"UpdateLicenseSpecificationsForResourceRequest"},
     "output":{"shape":"UpdateLicenseSpecificationsForResourceResponse"},
    "errors":[
      {"shape":"InvalidParameterValueException"},
      {"shape":"InvalidResourceStateException"},
      {"shape":"LicenseUsageException"},
      {"shape":"ServerInternalException"},
      {"shape":"AuthorizationException"},
      {"shape":"AccessDeniedException"},
      {"shape":"RateLimitExceededException"}
    ],
    "documentation":"<p>Adds or removes the specified license configurations for the specified Amazon Web Services resource.</p> <p>You can update the license specifications of AMIs, instances, and hosts. You cannot update the license specifications for launch templates and CloudFormation templates, as they send license configurations to the operation that creates the resource.</p>"
  },
  "UpdateServiceSettings":{
    "name":"UpdateServiceSettings",
    "http":{
```

```
    "method":"POST",
    "requestUri":"/"
   },
   "input":{"shape":"UpdateServiceSettingsRequest"},
    "output":{"shape":"UpdateServiceSettingsResponse"},
   "errors":[
    {"shape":"InvalidParameterValueException"},
    {"shape":"ServerInternalException"},
    {"shape":"AuthorizationException"},
    {"shape":"AccessDeniedException"},
    {"shape":"RateLimitExceededException"}
   ],
   "documentation":"<p>Updates License Manager settings for the current Region.</p>"
  }
 },
 "shapes":{
  "AcceptGrantRequest":{
   "type":"structure",
   "required":["GrantArn"],
   "members":{
    "GrantArn":{
     "shape":"Arn",
     "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
    }
   }
  },
  "AcceptGrantResponse":{
   "type":"structure",
   "members":{
    "GrantArn":{
     "shape":"Arn",
     "documentation":"<p>Grant ARN.</p>"
    },
    "Status":{
     "shape":"GrantStatus",
     "documentation":"<p>Grant status.</p>"
    },
     "Version":{
     "shape":"String",
     "documentation":"<p>Grant version.</p>"
    }
   }
  },
  "AccessDeniedException":{
   "type":"structure",
   "members":{
    "Message":{"shape":"Message"}
   },
```

```
    "documentation":"<p>Access to resource denied.</p>",
    "exception":true
  },
  "AllowedOperation":{
    "type":"string",
    "enum":[
      "CreateGrant",
      "CheckoutLicense",
      "CheckoutBorrowLicense",
      "CheckInLicense",
      "ExtendConsumptionLicense",
      "ListPurchasedLicenses",
      "CreateToken"
    ]
  },
  "AllowedOperationList":{
    "type":"list",
    "member":{"shape":"AllowedOperation"},
    "max":7,
    "min":1
  },
  "Arn":{
    "type":"string",
    "max":2048,
    "pattern":"^arn:aws(-(cn|us-gov|iso-b|iso-c|iso-d))?:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}$"
  },
  "ArnList":{

    "type":"list",
    "member":{"shape":"Arn"}
  },
  "AuthorizationException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>The Amazon Web Services user account does not have permission to perform the action. Check the IAM policy associated with this account.</p>",
    "exception":true
  },
  "AutomatedDiscoveryInformation":{
    "type":"structure",
    "members":{
      "LastRunTime":{
        "shape":"DateTime",
        "documentation":"<p>Time that automated discovery last ran.</p>"
      }
```

```
    },
    "documentation":"<p>Describes automated discovery.</p>"
  },
  "Boolean":{"type":"boolean"},
  "BorrowConfiguration":{
    "type":"structure",
    "required":[
      "AllowEarlyCheckIn",
      "MaxTimeToLiveInMinutes"
    ],
    "members":{
      "AllowEarlyCheckIn":{
        "shape":"BoxBoolean",
        "documentation":"<p>Indicates whether early check-ins are
allowed.</p>"
      },
      "MaxTimeToLiveInMinutes":{
        "shape":"BoxInteger",
        "documentation":"<p>Maximum time for the borrow configuration, in minutes.</p>"
      }
    },
    "documentation":"<p>Details about a borrow configuration.</p>"
  },
  "BoxBoolean":{"type":"boolean"},
  "BoxInteger":{"type":"integer"},
  "BoxLong":{"type":"long"},
  "CheckInLicenseRequest":{
    "type":"structure",
    "required":["LicenseConsumptionToken"],
    "members":{
      "LicenseConsumptionToken":{
        "shape":"String",
        "documentation":"<p>License consumption token.</p>"
      },
      "Beneficiary":{
        "shape":"String",
        "documentation":"<p>License beneficiary.</p>"
      }
    }
  },
  "CheckInLicenseResponse":{
    "type":"structure",
    "members":{
    }
  },
  "CheckoutBorrowLicenseRequest":{
    "type":"structure",
    "required":[
```

```
      "LicenseArn",
      "Entitlements",

 "DigitalSignatureMethod",
      "ClientToken"
    ],
    "members":{
      "LicenseArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the license. The license must use the borrow consumption configuration.</p>"
      },
      "Entitlements":{
        "shape":"EntitlementDataList",
        "documentation":"<p>License entitlements. Partial checkouts are not supported.</p>"
      },
      "DigitalSignatureMethod":{
        "shape":"DigitalSignatureMethod",
        "documentation":"<p>Digital signature method. The possible value is JSON Web Signature (JWS) algorithm PS384. For more information, see <a href=\"https://tools.ietf.org/html/rfc7518#section-3.5\">RFC 7518 Digital Signature with RSASSA-PSS</a>.</p>"
      },
      "NodeId":{
        "shape":"String",
        "documentation":"<p>Node ID.</p>"
      },
      "CheckoutMetadata":{
        "shape":"MetadataList",
        "documentation":"<p>Information about
 constraints.</p>"
      },
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>"
      }
    }
  },
  "CheckoutBorrowLicenseResponse":{
    "type":"structure",
    "members":{
      "LicenseArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
      },
      "LicenseConsumptionToken":{
        "shape":"String",
        "documentation":"<p>License consumption token.</p>"
```

```
    },
    "EntitlementsAllowed":{
      "shape":"EntitlementDataList",
      "documentation":"<p>Allowed license entitlements.</p>"
    },
    "NodeId":{
      "shape":"String",
      "documentation":"<p>Node ID.</p>"
    },
    "SignedToken":{
      "shape":"SignedToken",
      "documentation":"<p>Signed token.</p>"
    },
    "IssuedAt":{
      "shape":"ISO8601DateTime",
       "documentation":"<p>Date and time at which the license checkout is issued.</p>"
    },
    "Expiration":{
      "shape":"ISO8601DateTime",
      "documentation":"<p>Date and time at which the license checkout expires.</p>"
    },
    "CheckoutMetadata":{
      "shape":"MetadataList",
      "documentation":"<p>Information about constraints.</p>"
    }
  }
},
"CheckoutLicenseRequest":{
  "type":"structure",
  "required":[
    "ProductSKU",
    "CheckoutType",
    "KeyFingerprint",
    "Entitlements",
    "ClientToken"
  ],
  "members":{
    "ProductSKU":{
      "shape":"String",
      "documentation":"<p>Product SKU.</p>"
    },
    "CheckoutType":{
      "shape":"CheckoutType",
      "documentation":"<p>Checkout type.</p>"
    },
    "KeyFingerprint":{
      "shape":"String",
      "documentation":"<p>Key fingerprint identifying
```

```
 the license.</p>"
      },
      "Entitlements":{
        "shape":"EntitlementDataList",
        "documentation":"<p>License entitlements.</p>"
      },
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the
request.</p>"
      },
      "Beneficiary":{
        "shape":"String",
        "documentation":"<p>License beneficiary.</p>"
      },
      "NodeId":{
        "shape":"String",
        "documentation":"<p>Node ID.</p>"
      }
    }
  },
  "CheckoutLicenseResponse":{
    "type":"structure",
    "members":{
      "CheckoutType":{
        "shape":"CheckoutType",
        "documentation":"<p>Checkout type.</p>"
      },
      "LicenseConsumptionToken":{
        "shape":"String",
        "documentation":"<p>License consumption token.</p>"
      },
      "EntitlementsAllowed":{
        "shape":"EntitlementDataList",
         "documentation":"<p>Allowed license entitlements.</p>"
      },
      "SignedToken":{
        "shape":"SignedToken",
        "documentation":"<p>Signed token.</p>"
      },
      "NodeId":{
        "shape":"String",
        "documentation":"<p>Node ID.</p>"
      },
      "IssuedAt":{
        "shape":"ISO8601DateTime",
        "documentation":"<p>Date and time at which the license checkout is issued.</p>"
      },
```

```
    "Expiration":{
      "shape":"ISO8601DateTime",
      "documentation":"<p>Date and time at which the license checkout expires.</p>"
    },
    "LicenseArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the checkout license.</p>"
    }
  }
},
"CheckoutType":{
  "type":"string",
  "enum":[
    "PROVISIONAL",
    "PERPETUAL"
  ]
},
"ClientRequestToken":{
  "type":"string",
  "max":36,
  "min":1
},
"ClientToken":{
   "type":"string",
  "max":2048,
  "pattern":"\\S+"
},
"ConflictException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>There was a conflict processing the request. Try your request again.</p>",
  "exception":true
},
"ConsumedLicenseSummary":{
  "type":"structure",
  "members":{
    "ResourceType":{
      "shape":"ResourceType",
      "documentation":"<p>Resource type of the resource consuming a license.</p>"
    },
    "ConsumedLicenses":{
      "shape":"BoxLong",
      "documentation":"<p>Number of licenses consumed by the resource.</p>"
    }
  },
  "documentation":"<p>Details about license consumption.</p>"
```

```
  },
  "ConsumedLicenseSummaryList":{
    "type":"list",
    "member":{"shape":"ConsumedLicenseSummary"}
  },
  "ConsumptionConfiguration":{
    "type":"structure",
    "members":{
      "RenewType":{

     "shape":"RenewType",
        "documentation":"<p>Renewal frequency.</p>"
      },
      "ProvisionalConfiguration":{
        "shape":"ProvisionalConfiguration",
        "documentation":"<p>Details about a provisional configuration.</p>"
      },
      "BorrowConfiguration":{
        "shape":"BorrowConfiguration",
        "documentation":"<p>Details about a borrow configuration.</p>"
      }
    },
    "documentation":"<p>Details about a consumption configuration.</p>"
  },
  "CreateGrantRequest":{
    "type":"structure",
    "required":[
      "ClientToken",
      "GrantName",
      "LicenseArn",
      "Principals",
      "HomeRegion",
      "AllowedOperations"
    ],
    "members":{
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the
request.</p>"
      },
      "GrantName":{
        "shape":"String",

  "documentation":"<p>Grant name.</p>"
      },
      "LicenseArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
```

```
      },
      "Principals":{
        "shape":"PrincipalArnList",
        "documentation":"<p>The grant principals.</p>"
      },
      "HomeRegion":{
        "shape":"String",
        "documentation":"<p>Home Region of the grant.</p>"
      },
      "AllowedOperations":{
        "shape":"AllowedOperationList",
        "documentation":"<p>Allowed operations for the grant.</p>"
      }
    }
  },
  "CreateGrantResponse":{
    "type":"structure",
    "members":{
      "GrantArn":{
        "shape":"Arn",
        "documentation":"<p>Grant ARN.</p>"
      },
      "Status":{
        "shape":"GrantStatus",
        "documentation":"<p>Grant status.</p>"
      },
      "Version":{
        "shape":"String",
        "documentation":"<p>Grant version.</p>"
      }
    }
  },
  "CreateGrantVersionRequest":{
    "type":"structure",
    "required":[
      "ClientToken",
      "GrantArn"
    ],
    "members":{
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>"
      },
      "GrantArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
      },
```

```
    "GrantName":{
      "shape":"String",
      "documentation":"<p>Grant name.</p>"
    },
    "AllowedOperations":{
      "shape":"AllowedOperationList",
      "documentation":"<p>Allowed operations for the grant.</p>"
    },
    "Status":{
      "shape":"GrantStatus",
      "documentation":"<p>Grant status.</p>"
    },
    "StatusReason":{
      "shape":"StatusReasonMessage",
      "documentation":"<p>Grant status reason.</p>"
    },

   "SourceVersion":{
      "shape":"String",
      "documentation":"<p>Current version of the grant.</p>"
    }
  }
},
"CreateGrantVersionResponse":{
  "type":"structure",
  "members":{
    "GrantArn":{
      "shape":"Arn",
      "documentation":"<p>Grant ARN.</p>"
    },
    "Status":{
      "shape":"GrantStatus",
      "documentation":"<p>Grant status.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>New version of the grant.</p>"
    }
  }
},
"CreateLicenseConfigurationRequest":{
  "type":"structure",
  "required":[
    "Name",
    "LicenseCountingType"
  ],
  "members":{
    "Name":{
```

```
      "shape":"String",
      "documentation":"<p>Name of the license configuration.</p>"
    },
    "Description":{
      "shape":"String",
      "documentation":"<p>Description of the license configuration.</p>"
    },

  "LicenseCountingType":{
      "shape":"LicenseCountingType",
      "documentation":"<p>Dimension used to track the license inventory.</p>"
    },
    "LicenseCount":{
      "shape":"BoxLong",
      "documentation":"<p>Number of licenses managed by the license configuration.</p>"
    },
    "LicenseCountHardLimit":{
      "shape":"BoxBoolean",
      "documentation":"<p>Indicates whether hard or soft license enforcement is used. Exceeding a hard limit blocks the launch of new instances.</p>"
    },
    "LicenseRules":{
      "shape":"StringList",
      "documentation":"<p>License rules. The syntax is #name=value (for example, #allowedTenancy=EC2-DedicatedHost). The available rules vary by dimension, as follows.</p> <ul> <li> <p> <code>Cores</code> dimension: <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumCores</code> | <code>minimumCores</code> </p> </li> <li> <p> <code>Instances</code> dimension:
 <code>allowedTenancy</code> | <code>maximumCores</code> | <code>minimumCores</code> | <code>maximumSockets</code> | <code>minimumSockets</code> | <code>maximumVcpus</code> | <code>minimumVcpus</code> </p> </li> <li> <p> <code>Sockets</code> dimension: <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumSockets</code> | <code>minimumSockets</code> </p> </li> <li> <p> <code>vCPUs</code> dimension: <code>allowedTenancy</code> | <code>honorVcpuOptimization</code> | <code>maximumVcpus</code> | <code>minimumVcpus</code> </p> </li> </ul> <p>The unit for <code>licenseAffinityToHost</code> is days and the range is 1 to 180. The possible values for <code>allowedTenancy</code> are <code>EC2-Default</code>, <code>EC2-DedicatedHost</code>, and <code>EC2-DedicatedInstance</code>. The possible values for <code>honorVcpuOptimization</code> are <code>True</code> and <code>False</code>.</p>"
    },
    "Tags":{
      "shape":"TagList",
      "documentation":"<p>Tags
 to add to the license configuration.</p>"
    },
    "DisassociateWhenNotFound":{
      "shape":"BoxBoolean",
      "documentation":"<p>When true, disassociates a resource when software is uninstalled.</p>"
    },
```

```
      "ProductInformationList":{
        "shape":"ProductInformationList",
        "documentation":"<p>Product information.</p>"
      }
    }
  },
  "CreateLicenseConfigurationResponse":{
    "type":"structure",
    "members":{
      "LicenseConfigurationArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
      }
    }
  },
  "CreateLicenseConversionTaskForResourceRequest":{
    "type":"structure",
    "required":[
      "ResourceArn",
      "SourceLicenseContext",
      "DestinationLicenseContext"
    ],
    "members":{
      "ResourceArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the
 resource you are converting the license type for.</p>"
      },
      "SourceLicenseContext":{
        "shape":"LicenseConversionContext",
        "documentation":"<p>Information that identifies the license type you are converting from. For the structure of the source license, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/conversion-procedures.html#conversion-cli\">Convert a license type using the AWS CLI</a> in the <i>License Manager User Guide</i>.</p>"
      },
      "DestinationLicenseContext":{
        "shape":"LicenseConversionContext",
        "documentation":"<p>Information that identifies the license type you are converting to. For the structure of the destination license, see <a href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/conversion-procedures.html#conversion-cli\">Convert a license type using the AWS CLI</a> in the <i>License Manager User Guide</i>.</p>"
      }
    }
  },
  "CreateLicenseConversionTaskForResourceResponse":{
    "type":"structure",
    "members":{
      "LicenseConversionTaskId":{
```

```
      "shape":"LicenseConversionTaskId",
      "documentation":"<p>The ID of the created license type conversion task.</p>"
     }
    }
   },
   "CreateLicenseManagerReportGeneratorRequest":{
    "type":"structure",
    "required":[
     "ReportGeneratorName",
     "Type",
     "ReportContext",
     "ReportFrequency",
     "ClientToken"
    ],
    "members":{
     "ReportGeneratorName":{
      "shape":"ReportGeneratorName",
      "documentation":"<p>Name of the report generator.</p>"
     },
     "Type":{
      "shape":"ReportTypeList",
      "documentation":"<p>Type of reports to generate. The following report types an be generated:</p> <ul> <li>
<p>License configuration report - Reports the number and details of consumed licenses for a license
configuration.</p> </li> <li> <p>Resource report - Reports the tracked licenses
 and resource consumption for a license configuration.</p> </li> </ul>"
     },
     "ReportContext":{
      "shape":"ReportContext",
      "documentation":"<p>Defines the type of license configuration the report generator tracks.</p>"
     },
     "ReportFrequency":{
      "shape":"ReportFrequency",
      "documentation":"<p>Frequency by which reports are generated. Reports can be generated daily, monthly, or
weekly.</p>"
     },
     "ClientToken":{
      "shape":"ClientRequestToken",
      "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the
request.</p>"
     },
     "Description":{
      "shape":"String",
      "documentation":"<p>Description of the report generator.</p>"
     },
     "Tags":{
      "shape":"TagList",
      "documentation":"<p>Tags to add to the report generator.</p>"
     }
```

```
  }
},
"CreateLicenseManagerReportGeneratorResponse":{
  "type":"structure",
  "members":{
    "LicenseManagerReportGeneratorArn":{
      "shape":"String",
      "documentation":"<p>The Amazon Resource Name (ARN) of the new report generator.</p>"
    }
  }
},
"CreateLicenseRequest":{
  "type":"structure",
  "required":[
    "LicenseName",
    "ProductName",
    "ProductSKU",
    "Issuer",
    "HomeRegion",
    "Validity",
    "Entitlements",
    "Beneficiary",
    "ConsumptionConfiguration",
    "ClientToken"
  ],
  "members":{
    "LicenseName":{
      "shape":"String",
      "documentation":"<p>License name.</p>"
    },
    "ProductName":{
      "shape":"String",
      "documentation":"<p>Product name.</p>"
    },
    "ProductSKU":{
      "shape":"String",
      "documentation":"<p>Product SKU.</p>"
    },
    "Issuer":{
      "shape":"Issuer",
      "documentation":"<p>License issuer.</p>"
     },
    "HomeRegion":{
      "shape":"String",
      "documentation":"<p>Home Region for the license.</p>"
    },
    "Validity":{
      "shape":"DatetimeRange",
```

```
      "documentation":"<p>Date and time range during which the license is valid, in ISO8601-UTC format.</p>"
     },
     "Entitlements":{
      "shape":"EntitlementList",
      "documentation":"<p>License entitlements.</p>"
     },
     "Beneficiary":{
      "shape":"String",
      "documentation":"<p>License beneficiary.</p>"
     },
     "ConsumptionConfiguration":{
      "shape":"ConsumptionConfiguration",
      "documentation":"<p>Configuration for consumption of the license. Choose a provisional configuration for workloads running with continuous connectivity. Choose a borrow configuration for workloads with offline usage.</p>"
     },
     "LicenseMetadata":{
      "shape":"MetadataList",
      "documentation":"<p>Information
 about the license.</p>"
     },
     "ClientToken":{
      "shape":"ClientToken",
      "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>"
     }
    }
   },
   "CreateLicenseResponse":{
    "type":"structure",
    "members":{
     "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
     },
     "Status":{
      "shape":"LicenseStatus",
      "documentation":"<p>License status.</p>"
     },
     "Version":{
      "shape":"String",
      "documentation":"<p>License version.</p>"
     }
    }
   },
   "CreateLicenseVersionRequest":{
    "type":"structure",
    "required":[
```

```
      "LicenseArn",
      "LicenseName",
      "ProductName",
      "Issuer",
      "HomeRegion",
      "Validity",
      "Entitlements",
      "ConsumptionConfiguration",
      "Status",
      "ClientToken"
     ],
    "members":{
      "LicenseArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
      },
      "LicenseName":{
        "shape":"String",
        "documentation":"<p>License name.</p>"
      },
      "ProductName":{
        "shape":"String",
        "documentation":"<p>Product name.</p>"
      },
      "Issuer":{
        "shape":"Issuer",
        "documentation":"<p>License issuer.</p>"
      },
      "HomeRegion":{
        "shape":"String",
        "documentation":"<p>Home Region of the license.</p>"
      },
      "Validity":{
        "shape":"DatetimeRange",
        "documentation":"<p>Date and time range during which the license is valid, in ISO8601-UTC format.</p>"
      },
      "LicenseMetadata":{
        "shape":"MetadataList",
        "documentation":"<p>Information about the license.</p>"
      },
      "Entitlements":{
        "shape":"EntitlementList",
         "documentation":"<p>License entitlements.</p>"
      },
      "ConsumptionConfiguration":{
        "shape":"ConsumptionConfiguration",
        "documentation":"<p>Configuration for consumption of the license. Choose a provisional configuration for
workloads running with continuous connectivity. Choose a borrow configuration for workloads with offline
```

usage. "
      },
      "Status":{
        "shape":"LicenseStatus",
        "documentation":" License status. "
      },
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":" Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. "
      },
      "SourceVersion":{
        "shape":"String",
        "documentation":" Current version of the license. "
      }
    }
  },
  "CreateLicenseVersionResponse":{
    "type":"structure",
    "members":{
      "LicenseArn":{
        "shape":"Arn",

    "documentation":" License ARN. "
      },
      "Version":{
        "shape":"String",
        "documentation":" New version of the license. "
      },
      "Status":{
        "shape":"LicenseStatus",
        "documentation":" License status. "
      }
    }
  },
  "CreateTokenRequest":{
    "type":"structure",
    "required":[
      "LicenseArn",
      "ClientToken"
    ],
    "members":{
      "LicenseArn":{
        "shape":"Arn",
        "documentation":" Amazon Resource Name (ARN) of the license. The ARN is mapped to the aud claim of the JWT token. "
      },
      "RoleArns":{

```
        "shape":"ArnList",
        "documentation":"<p>Amazon Resource Name (ARN) of the IAM roles to embed in the token. License Manager does not check whether the roles are in use.</p>"
      },
      "ExpirationInDays":{
        "shape":"Integer",
        "documentation":"<p>Token expiration, in days, counted from token creation. The default is 365 days.</p>"
      },
      "TokenProperties":{
        "shape":"MaxSize3StringList",
        "documentation":"<p>Data specified by the caller to be included in the JWT token. The data is mapped to the amr claim of the JWT token.</p>"
      },
      "ClientToken":{
        "shape":"ClientToken",
        "documentation":"<p>Idempotency token, valid for 10 minutes.</p>"
      }
    }
  },
  "CreateTokenResponse":{
    "type":"structure",
    "members":{
      "TokenId":{
        "shape":"String",
        "documentation":"<p>Token ID.</p>"
      },
      "TokenType":{
        "shape":"TokenType",
        "documentation":"<p>Token type.</p>"
      },
      "Token":{
        "shape":"TokenString",
        "documentation":"<p>Refresh token, encoded as a JWT token.</p>"
      }
    }
  },
  "DateTime":{"type":"timestamp"},
  "DatetimeRange":{
    "type":"structure",
    "required":["Begin"],
    "members":{
      "Begin":{
        "shape":"ISO8601DateTime",
        "documentation":"<p>Start of the time range.</p>"
      },
      "End":{
        "shape":"ISO8601DateTime",
```

```
      "documentation":"<p>End of the time range.</p>"
    }
  },
  "documentation":"<p>Describes a time range, in ISO8601-UTC format.</p>"
},
"DeleteGrantRequest":{
  "type":"structure",
  "required":[
    "GrantArn",
    "Version"
  ],
  "members":{
    "GrantArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
    },
    "StatusReason":{
      "shape":"StatusReasonMessage",
      "documentation":"<p>The Status reason for the delete request.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>Current version of the grant.</p>"
    }
  }
},
"DeleteGrantResponse":{
  "type":"structure",
  "members":{
    "GrantArn":{
       "shape":"Arn",
      "documentation":"<p>Grant ARN.</p>"
    },
    "Status":{
      "shape":"GrantStatus",
      "documentation":"<p>Grant status.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>Grant version.</p>"
    }
  }
},
"DeleteLicenseConfigurationRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{
```

```
      "shape":"String",
      "documentation":"<p>ID of the license configuration.</p>"
     }
    }
   },
   "DeleteLicenseConfigurationResponse":{
    "type":"structure",
    "members":{
    }
   },
   "DeleteLicenseManagerReportGeneratorRequest":{
    "type":"structure",
    "required":["LicenseManagerReportGeneratorArn"],
    "members":{
     "LicenseManagerReportGeneratorArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the report
generator to be deleted.</p>"
     }
    }
   },
   "DeleteLicenseManagerReportGeneratorResponse":{
    "type":"structure",
    "members":{
    }
   },
   "DeleteLicenseRequest":{
    "type":"structure",
    "required":[
     "LicenseArn",
     "SourceVersion"
    ],
    "members":{
     "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
     },
     "SourceVersion":{
      "shape":"String",
      "documentation":"<p>Current version of the license.</p>"
     }
    }
   },
   "DeleteLicenseResponse":{
    "type":"structure",
    "members":{
     "Status":{
      "shape":"LicenseDeletionStatus",
```

```
      "documentation":"<p>License status.</p>"
    },
    "DeletionDate":{
      "shape":"ISO8601DateTime",
      "documentation":"<p>Date when the license is deleted.</p>"
    }
  }
},
"DeleteTokenRequest":{
  "type":"structure",
   "required":["TokenId"],
  "members":{
    "TokenId":{
      "shape":"String",
      "documentation":"<p>Token ID.</p>"
    }
  }
},
"DeleteTokenResponse":{
  "type":"structure",
  "members":{
  }
},
"DigitalSignatureMethod":{
  "type":"string",
  "enum":["JWT_PS384"]
},
"Entitlement":{
  "type":"structure",
  "required":[
    "Name",
    "Unit"
  ],
  "members":{
    "Name":{
      "shape":"String",
      "documentation":"<p>Entitlement name.</p>"
    },
    "Value":{
      "shape":"String",
      "documentation":"<p>Entitlement resource. Use only if the unit is None.</p>"
    },
    "MaxCount":{
      "shape":"Long",
      "documentation":"<p>Maximum entitlement count. Use if the unit is not None.</p>"
    },
    "Overage":{
      "shape":"BoxBoolean",
```

```
      "documentation":"<p>Indicates whether overages are allowed.</p>"

    },
    "Unit":{
      "shape":"EntitlementUnit",
      "documentation":"<p>Entitlement unit.</p>"
    },
    "AllowCheckIn":{
      "shape":"BoxBoolean",
      "documentation":"<p>Indicates whether check-ins are allowed.</p>"
    }
  },
  "documentation":"<p>Describes a resource entitled for use with a license.</p>"
},
"EntitlementData":{
  "type":"structure",
  "required":[
    "Name",
    "Unit"
  ],
  "members":{
    "Name":{
      "shape":"String",
      "documentation":"<p>Entitlement data name.</p>"
    },
    "Value":{
      "shape":"String",
      "documentation":"<p>Entitlement data value.</p>"
    },
    "Unit":{
      "shape":"EntitlementDataUnit",
      "documentation":"<p>Entitlement data unit.</p>"
    }
  },
  "documentation":"<p>Data associated with an entitlement resource.</p>"
},
"EntitlementDataList":{
  "type":"list",

"member":{"shape":"EntitlementData"}
},
"EntitlementDataUnit":{
  "type":"string",
  "enum":[
    "Count",
    "None",
    "Seconds",
    "Microseconds",
```

```
      "Milliseconds",
      "Bytes",
      "Kilobytes",
      "Megabytes",
      "Gigabytes",
      "Terabytes",
      "Bits",
      "Kilobits",
      "Megabits",
      "Gigabits",
      "Terabits",
      "Percent",
      "Bytes/Second",
      "Kilobytes/Second",
      "Megabytes/Second",
      "Gigabytes/Second",
      "Terabytes/Second",
      "Bits/Second",
      "Kilobits/Second",
      "Megabits/Second",
      "Gigabits/Second",
      "Terabits/Second",
      "Count/Second"
    ]
  },
  "EntitlementList":{
    "type":"list",
    "member":{"shape":"Entitlement"}
  },
  "EntitlementNotAllowedException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>The entitlement is not
allowed.</p>",
    "exception":true
  },
  "EntitlementUnit":{
    "type":"string",
    "enum":[
      "Count",
      "None",
      "Seconds",
      "Microseconds",
      "Milliseconds",
      "Bytes",
      "Kilobytes",
```

```
    "Megabytes",
    "Gigabytes",
    "Terabytes",
    "Bits",
    "Kilobits",
    "Megabits",
    "Gigabits",
    "Terabits",
    "Percent",
    "Bytes/Second",
    "Kilobytes/Second",
    "Megabytes/Second",
    "Gigabytes/Second",
    "Terabytes/Second",
    "Bits/Second",
    "Kilobits/Second",
    "Megabits/Second",
    "Gigabits/Second",
    "Terabits/Second",
    "Count/Second"
  ]
},
"EntitlementUsage":{
  "type":"structure",
  "required":[
    "Name",
    "ConsumedValue",
    "Unit"
  ],
  "members":{
    "Name":{
      "shape":"String",
      "documentation":"<p>Entitlement usage name.</p>"
    },

    "ConsumedValue":{
      "shape":"String",
      "documentation":"<p>Resource usage consumed.</p>"
    },
    "MaxCount":{
      "shape":"String",
      "documentation":"<p>Maximum entitlement usage count.</p>"
    },
    "Unit":{
      "shape":"EntitlementDataUnit",
      "documentation":"<p>Entitlement usage unit.</p>"
    }
  },
```

```
    "documentation":"<p>Usage associated with an entitlement resource.</p>"
  },
  "EntitlementUsageList":{
    "type":"list",
    "member":{"shape":"EntitlementUsage"}
  },
  "ExtendLicenseConsumptionRequest":{
    "type":"structure",
    "required":["LicenseConsumptionToken"],
    "members":{
      "LicenseConsumptionToken":{
        "shape":"String",
        "documentation":"<p>License consumption token.</p>"
      },
      "DryRun":{
        "shape":"Boolean",
        "documentation":"<p>Checks whether you have the required permissions for the action, without actually making the request. Provides an error response if you do not have the required permissions.</p>"
      }
    }
  },
  "ExtendLicenseConsumptionResponse":{
    "type":"structure",
    "members":{
      "LicenseConsumptionToken":{
        "shape":"String",
        "documentation":"<p>License consumption token.</p>"
      },
      "Expiration":{
        "shape":"ISO8601DateTime",
        "documentation":"<p>Date and time at which the license consumption expires.</p>"
      }
    }
  },
  "FailedDependencyException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"},
      "ErrorCode":{"shape":"String"}
    },
    "documentation":"<p>A dependency required to run the API is missing.</p>",
    "exception":true
  },
  "Filter":{
    "type":"structure",
    "members":{
      "Name":{
        "shape":"FilterName",
```

```
        "documentation":"<p>Name of the filter. Filter names are case-sensitive.</p>"

    },
      "Values":{
        "shape":"FilterValues",
        "documentation":"<p>Filter values. Filter values are case-sensitive.</p>"
      }
    },
    "documentation":"<p>A filter name and value pair that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria, such as tags, attributes, or IDs.</p>"
  },
  "FilterLimitExceededException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>The request uses too many filters or too many filter values.</p>",
    "exception":true
  },
  "FilterList":{
    "type":"list",
    "member":{"shape":"Filter"}
  },
  "FilterName":{"type":"string"},
  "FilterValue":{"type":"string"},
  "FilterValues":{
    "type":"list",
    "member":{"shape":"FilterValue"}
  },
  "Filters":{
    "type":"list",
    "member":{"shape":"Filter"}
  },
  "GetAccessTokenRequest":{
     "type":"structure",
    "required":["Token"],
    "members":{
      "Token":{
        "shape":"TokenString",
        "documentation":"<p>Refresh token, encoded as a JWT token.</p>"
      },
      "TokenProperties":{
        "shape":"MaxSize3StringList",
        "documentation":"<p>Token properties to validate against those present in the JWT token.</p>"
      }
    }
  },
  "GetAccessTokenResponse":{
```

```
  "type":"structure",
  "members":{
    "AccessToken":{
      "shape":"TokenString",
      "documentation":"<p>Temporary access token.</p>"
    }
  }
},
"GetGrantRequest":{
  "type":"structure",
  "required":["GrantArn"],
  "members":{
    "GrantArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>Grant version.</p>"
    }
  }
},
"GetGrantResponse":{
   "type":"structure",
  "members":{
    "Grant":{
      "shape":"Grant",
      "documentation":"<p>Grant details.</p>"
    }
  }
},
"GetLicenseConfigurationRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
    }
  }
},
"GetLicenseConfigurationResponse":{
  "type":"structure",
  "members":{
    "LicenseConfigurationId":{
      "shape":"String",
      "documentation":"<p>Unique ID for the license configuration.</p>"
    },
```

```
    "LicenseConfigurationArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
    },
    "Name":{
      "shape":"String",
      "documentation":"<p>Name of the license configuration.</p>"

  },
    "Description":{
      "shape":"String",
      "documentation":"<p>Description of the license configuration.</p>"
    },
    "LicenseCountingType":{
      "shape":"LicenseCountingType",
      "documentation":"<p>Dimension for which the licenses are counted.</p>"
    },
    "LicenseRules":{
      "shape":"StringList",
      "documentation":"<p>License rules.</p>"
    },
    "LicenseCount":{
      "shape":"BoxLong",
      "documentation":"<p>Number of available licenses.</p>"
    },
    "LicenseCountHardLimit":{
      "shape":"BoxBoolean",
      "documentation":"<p>Sets the number of available licenses as a hard limit.</p>"
    },
    "ConsumedLicenses":{
      "shape":"BoxLong",
      "documentation":"<p>Number of licenses assigned to resources.</p>"
    },
    "Status":{
      "shape":"String",
      "documentation":"<p>License configuration status.</p>"
    },

  "OwnerAccountId":{
      "shape":"String",
      "documentation":"<p>Account ID of the owner of the license configuration.</p>"
    },
    "ConsumedLicenseSummaryList":{
      "shape":"ConsumedLicenseSummaryList",
      "documentation":"<p>Summaries of the licenses consumed by resources.</p>"
    },
    "ManagedResourceSummaryList":{
      "shape":"ManagedResourceSummaryList",
```

```
      "documentation":"<p>Summaries of the managed resources.</p>"
    },
    "Tags":{
      "shape":"TagList",
      "documentation":"<p>Tags for the license configuration.</p>"
    },
    "ProductInformationList":{
      "shape":"ProductInformationList",
      "documentation":"<p>Product information.</p>"
    },
    "AutomatedDiscoveryInformation":{
      "shape":"AutomatedDiscoveryInformation",
      "documentation":"<p>Automated discovery information.</p>"
    },
    "DisassociateWhenNotFound":{
      "shape":"BoxBoolean",
      "documentation":"<p>When true, disassociates a resource when software is uninstalled.</p>"
    }
  }
 },
 "GetLicenseConversionTaskRequest":{
  "type":"structure",
  "required":["LicenseConversionTaskId"],
  "members":{
   "LicenseConversionTaskId":{
    "shape":"LicenseConversionTaskId",
    "documentation":"<p>ID of the license type conversion task to retrieve information on.</p>"
   }
  }
 },
 "GetLicenseConversionTaskResponse":{
  "type":"structure",
  "members":{
   "LicenseConversionTaskId":{
    "shape":"LicenseConversionTaskId",
    "documentation":"<p>ID of the license type conversion task.</p>"
   },
   "ResourceArn":{
    "shape":"String",
    "documentation":"<p>Amazon Resource Names (ARN) of the resources the license conversion task is
associated with.</p>"
   },
   "SourceLicenseContext":{
    "shape":"LicenseConversionContext",
    "documentation":"<p>Information about the license type converted from.</p>"
   },
   "DestinationLicenseContext":{
    "shape":"LicenseConversionContext",
```

```
      "documentation":"<p>Information about the license type converted to.</p>"
     },
     "StatusMessage":{
      "shape":"String",
      "documentation":"<p>The status message for the conversion task.</p>"
     },
     "Status":{
      "shape":"LicenseConversionTaskStatus",
      "documentation":"<p>Status of the license type conversion task.</p>"
     },
     "StartTime":{
      "shape":"DateTime",
      "documentation":"<p>Time at which the license type conversion task was started .</p>"
     },
     "LicenseConversionTime":{
      "shape":"DateTime",
      "documentation":"<p>Amount of time to complete the license type conversion.</p>"
     },
     "EndTime":{
      "shape":"DateTime",
      "documentation":"<p>Time at which the
license type conversion task was completed.</p>"
     }
    }
   },
   "GetLicenseManagerReportGeneratorRequest":{
    "type":"structure",
    "required":["LicenseManagerReportGeneratorArn"],
    "members":{
     "LicenseManagerReportGeneratorArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the report generator.</p>"
     }
    }
   },
   "GetLicenseManagerReportGeneratorResponse":{
    "type":"structure",
    "members":{
     "ReportGenerator":{
      "shape":"ReportGenerator",
      "documentation":"<p>A report generator that creates periodic reports about your license configurations.</p>"
     }
    }
   },
   "GetLicenseRequest":{
    "type":"structure",
    "required":["LicenseArn"],
    "members":{
```

```
    "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
    },
    "Version":{
      "shape":"String",

      "documentation":"<p>License version.</p>"
    }
  }
},
"GetLicenseResponse":{
  "type":"structure",
  "members":{
    "License":{
      "shape":"License",
      "documentation":"<p>License details.</p>"
    }
  }
},
"GetLicenseUsageRequest":{
  "type":"structure",
  "required":["LicenseArn"],
  "members":{
    "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
    }
  }
},
"GetLicenseUsageResponse":{
  "type":"structure",
  "members":{
    "LicenseUsage":{
      "shape":"LicenseUsage",
      "documentation":"<p>License usage details.</p>"
    }
  }
},
"GetServiceSettingsRequest":{
  "type":"structure",
  "members":{
  }
},
"GetServiceSettingsResponse":{
  "type":"structure",
  "members":{
    "S3BucketArn":{
```

```
        "shape":"String",
        "documentation":"<p>Regional
 S3 bucket path for storing reports, license trail event data, discovery data, and so on.</p>"
      },
      "SnsTopicArn":{
        "shape":"String",
        "documentation":"<p>SNS topic configured to receive notifications from License Manager.</p>"
      },
      "OrganizationConfiguration":{
        "shape":"OrganizationConfiguration",
        "documentation":"<p>Indicates whether Organizations is integrated with License Manager for cross-account
discovery.</p>"
      },
      "EnableCrossAccountsDiscovery":{
        "shape":"BoxBoolean",
        "documentation":"<p>Indicates whether cross-account discovery is enabled.</p>"
      },
      "LicenseManagerResourceShareArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the resource share. The License Manager
management account provides member accounts with access to this share.</p>"
      }
    }
  },
  "Grant":{
    "type":"structure",

  "required":[
      "GrantArn",
      "GrantName",
      "ParentArn",
      "LicenseArn",
      "GranteePrincipalArn",
      "HomeRegion",
      "GrantStatus",
      "Version",
      "GrantedOperations"
    ],
    "members":{
      "GrantArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
      },
      "GrantName":{
        "shape":"String",
        "documentation":"<p>Grant name.</p>"
      },
      "ParentArn":{
```

```
      "shape":"Arn",
      "documentation":"<p>Parent ARN.</p>"
    },
    "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>License ARN.</p>"
    },
    "GranteePrincipalArn":{
      "shape":"Arn",
      "documentation":"<p>The grantee principal ARN.</p>"
    },
    "HomeRegion":{
      "shape":"String",
      "documentation":"<p>Home Region of the grant.</p>"
    },
    "GrantStatus":{
      "shape":"GrantStatus",
       "documentation":"<p>Grant status.</p>"
    },
    "StatusReason":{
      "shape":"StatusReasonMessage",
      "documentation":"<p>Grant status reason.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>Grant version.</p>"
    },
    "GrantedOperations":{
      "shape":"AllowedOperationList",
      "documentation":"<p>Granted operations.</p>"
    }
  },
  "documentation":"<p>Describes a grant.</p>"
},
"GrantList":{
  "type":"list",
  "member":{"shape":"Grant"}
},
"GrantStatus":{
  "type":"string",
  "enum":[
    "PENDING_WORKFLOW",
    "PENDING_ACCEPT",
    "REJECTED",
    "ACTIVE",
    "FAILED_WORKFLOW",
    "DELETED",
    "PENDING_DELETE",
```

```
      "DISABLED",
      "WORKFLOW_COMPLETED"
    ]
  },
  "GrantedLicense":{
    "type":"structure",
    "members":{
      "LicenseArn":{
        "shape":"Arn",

      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
      },
      "LicenseName":{
        "shape":"String",
        "documentation":"<p>License name.</p>"
      },
      "ProductName":{
        "shape":"String",
        "documentation":"<p>Product name.</p>"
      },
      "ProductSKU":{
        "shape":"String",
        "documentation":"<p>Product SKU.</p>"
      },
      "Issuer":{
        "shape":"IssuerDetails",
        "documentation":"<p>Granted license issuer.</p>"
      },
      "HomeRegion":{
        "shape":"String",
        "documentation":"<p>Home Region of the granted license.</p>"
      },
      "Status":{
        "shape":"LicenseStatus",
        "documentation":"<p>Granted license status.</p>"
      },
      "Validity":{
        "shape":"DatetimeRange",
        "documentation":"<p>Date and time range during which the granted license is valid, in ISO8601-UTC
format.</p>"
      },
      "Beneficiary":{
         "shape":"String",
        "documentation":"<p>Granted license beneficiary.</p>"
      },
      "Entitlements":{
        "shape":"EntitlementList",
        "documentation":"<p>License entitlements.</p>"
```

```
      },
      "ConsumptionConfiguration":{
        "shape":"ConsumptionConfiguration",
        "documentation":"<p>Configuration for consumption of the license.</p>"
      },
      "LicenseMetadata":{
        "shape":"MetadataList",
        "documentation":"<p>Granted license metadata.</p>"
      },
      "CreateTime":{
        "shape":"ISO8601DateTime",
        "documentation":"<p>Creation time of the granted license.</p>"
      },
      "Version":{
        "shape":"String",
        "documentation":"<p>Version of the granted license.</p>"
      },
      "ReceivedMetadata":{
        "shape":"ReceivedMetadata",
        "documentation":"<p>Granted license received metadata.</p>"
      }
    },
    "documentation":"<p>Describes
 a license that is granted to a grantee.</p>"
  },
  "GrantedLicenseList":{
    "type":"list",
    "member":{"shape":"GrantedLicense"}
  },
  "ISO8601DateTime":{
    "type":"string",
    "max":50,
    "pattern":"^(-?(?:[1-9][0-9]*)?[0-9]{4})-(1[0-2]|0[1-9])-(3[0-1]|0[1-9]|[1-2][0-9])T(2[0-3]|[0-1][0-9]):([0-5][0-
9]):([0-5][0-9])(\\.[0-9]+)?(Z|[+-](?:2[ 0-3]|[0-1][0-9]):[0-5][0-9])+$"
  },
  "Integer":{"type":"integer"},
  "InvalidParameterValueException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>One or more parameter values are not valid.</p>",
    "exception":true,
    "synthetic":true
  },
  "InvalidResourceStateException":{
    "type":"structure",
    "members":{
```

```
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>License Manager cannot allocate a license to a resource because of its state. </p> <p>For example, you cannot allocate a license
 to an instance in the process of shutting down.</p>",
    "exception":true
  },
  "InventoryFilter":{
    "type":"structure",
    "required":[
      "Name",
      "Condition"
    ],
    "members":{
      "Name":{
        "shape":"String",
        "documentation":"<p>Name of the filter.</p>"
      },
      "Condition":{
        "shape":"InventoryFilterCondition",
        "documentation":"<p>Condition of the filter.</p>"
      },
      "Value":{
        "shape":"String",
        "documentation":"<p>Value of the filter.</p>"
      }
    },
    "documentation":"<p>An inventory filter.</p>"
  },
  "InventoryFilterCondition":{
    "type":"string",
    "enum":[
      "EQUALS",
      "NOT_EQUALS",
      "BEGINS_WITH",
      "CONTAINS"
    ]
  },
  "InventoryFilterList":{
    "type":"list",
    "member":{"shape":"InventoryFilter"}
  },
  "Issuer":{
    "type":"structure",
    "required":["Name"],
    "members":{
      "Name":{
        "shape":"String",
```

```
      "documentation":"<p>Issuer name.</p>"
     },
     "SignKey":{
      "shape":"String",
      "documentation":"<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>"
     }
    },
    "documentation":"<p>Details about the issuer of a license.</p>"
   },
   "IssuerDetails":{
    "type":"structure",
    "members":{
     "Name":{
      "shape":"String",
      "documentation":"<p>Issuer name.</p>"
     },
     "SignKey":{
      "shape":"String",
      "documentation":"<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>"
     },
     "KeyFingerprint":{
      "shape":"String",
      "documentation":"<p>Issuer key fingerprint.</p>"
     }
    },

   "documentation":"<p>Details associated with the issuer of a license.</p>"
   },
   "License":{
    "type":"structure",
    "members":{
     "LicenseArn":{
      "shape":"Arn",
      "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
     },
     "LicenseName":{
      "shape":"String",
      "documentation":"<p>License name.</p>"
     },
     "ProductName":{
      "shape":"String",
      "documentation":"<p>Product name.</p>"
     },
     "ProductSKU":{
      "shape":"String",
      "documentation":"<p>Product SKU.</p>"
```

```
    },
    "Issuer":{
      "shape":"IssuerDetails",
      "documentation":"<p>License issuer.</p>"
    },
    "HomeRegion":{
      "shape":"String",
      "documentation":"<p>Home Region of the license.</p>"
    },
    "Status":{
      "shape":"LicenseStatus",
      "documentation":"<p>License status.</p>"
    },
    "Validity":{

  "shape":"DatetimeRange",
      "documentation":"<p>Date and time range during which the license is valid, in ISO8601-UTC format.</p>"
    },
    "Beneficiary":{
      "shape":"String",
      "documentation":"<p>License beneficiary.</p>"
    },
    "Entitlements":{
      "shape":"EntitlementList",
      "documentation":"<p>License entitlements.</p>"
    },
    "ConsumptionConfiguration":{
      "shape":"ConsumptionConfiguration",
      "documentation":"<p>Configuration for consumption of the license.</p>"
    },
    "LicenseMetadata":{
      "shape":"MetadataList",
      "documentation":"<p>License metadata.</p>"
    },
    "CreateTime":{
      "shape":"ISO8601DateTime",
      "documentation":"<p>License creation time.</p>"
    },
    "Version":{
      "shape":"String",
      "documentation":"<p>License version.</p>"
    }
   },
   "documentation":"<p>Software license that is
managed in License Manager.</p>"
  },
  "LicenseConfiguration":{
    "type":"structure",
```

```
"members":{
 "LicenseConfigurationId":{
  "shape":"String",
  "documentation":"<p>Unique ID of the license configuration.</p>"
 },
 "LicenseConfigurationArn":{
  "shape":"String",
  "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
 },
 "Name":{
  "shape":"String",
  "documentation":"<p>Name of the license configuration.</p>"
 },
 "Description":{
  "shape":"String",
  "documentation":"<p>Description of the license configuration.</p>"
 },
 "LicenseCountingType":{
  "shape":"LicenseCountingType",
  "documentation":"<p>Dimension to use to track the license inventory.</p>"
 },
 "LicenseRules":{
  "shape":"StringList",
  "documentation":"<p>License rules.</p>"
 },
 "LicenseCount":{
   "shape":"BoxLong",
  "documentation":"<p>Number of licenses managed by the license configuration.</p>"
 },
 "LicenseCountHardLimit":{
  "shape":"BoxBoolean",
  "documentation":"<p>Number of available licenses as a hard limit.</p>"
 },
 "DisassociateWhenNotFound":{
  "shape":"BoxBoolean",
  "documentation":"<p>When true, disassociates a resource when software is uninstalled.</p>"
 },
 "ConsumedLicenses":{
  "shape":"BoxLong",
  "documentation":"<p>Number of licenses consumed. </p>"
 },
 "Status":{
  "shape":"String",
  "documentation":"<p>Status of the license configuration.</p>"
 },
 "OwnerAccountId":{
  "shape":"String",
  "documentation":"<p>Account ID of the license configuration's owner.</p>"
```

```
    },
    "ConsumedLicenseSummaryList":{
      "shape":"ConsumedLicenseSummaryList",
      "documentation":"<p>Summaries
 for licenses consumed by various resources.</p>"
    },
    "ManagedResourceSummaryList":{
      "shape":"ManagedResourceSummaryList",
      "documentation":"<p>Summaries for managed resources.</p>"
    },
    "ProductInformationList":{
      "shape":"ProductInformationList",
      "documentation":"<p>Product information.</p>"
    },
    "AutomatedDiscoveryInformation":{
      "shape":"AutomatedDiscoveryInformation",
      "documentation":"<p>Automated discovery information.</p>"
    }
  },
  "documentation":"<p>A license configuration is an abstraction of a customer license agreement that can be
consumed and enforced by License Manager. Components include specifications for the license type (licensing by
instance, socket, CPU, or vCPU), allowed tenancy (shared tenancy, Dedicated Instance, Dedicated Host, or all of
these), host affinity (how long a VM must be associated with a host), and the number of licenses
 purchased and used.</p>"
 },
 "LicenseConfigurationAssociation":{
  "type":"structure",
  "members":{
    "ResourceArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the resource.</p>"
    },
    "ResourceType":{
      "shape":"ResourceType",
      "documentation":"<p>Type of server resource.</p>"
    },
    "ResourceOwnerId":{
      "shape":"String",
      "documentation":"<p>ID of the Amazon Web Services account that owns the resource consuming
licenses.</p>"
    },
    "AssociationTime":{
      "shape":"DateTime",
      "documentation":"<p>Time when the license configuration was associated with the resource.</p>"
    },
    "AmiAssociationScope":{
      "shape":"String",
      "documentation":"<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>"
```

```
    }
   },
   "documentation":"<p>Describes an association with a license
configuration.</p>"
  },
  "LicenseConfigurationAssociations":{
   "type":"list",
   "member":{"shape":"LicenseConfigurationAssociation"}
  },
  "LicenseConfigurationStatus":{
   "type":"string",
   "enum":[
    "AVAILABLE",
    "DISABLED"
   ]
  },
  "LicenseConfigurationUsage":{
   "type":"structure",
   "members":{
    "ResourceArn":{
     "shape":"String",
     "documentation":"<p>Amazon Resource Name (ARN) of the resource.</p>"
    },
    "ResourceType":{
     "shape":"ResourceType",
     "documentation":"<p>Type of resource.</p>"
    },
    "ResourceStatus":{
     "shape":"String",
     "documentation":"<p>Status of the resource.</p>"
    },
    "ResourceOwnerId":{
     "shape":"String",
     "documentation":"<p>ID of the account that owns the resource.</p>"
    },
    "AssociationTime":{
     "shape":"DateTime",
     "documentation":"<p>Time when the
license configuration was initially associated with the resource.</p>"
    },
    "ConsumedLicenses":{
     "shape":"BoxLong",
     "documentation":"<p>Number of licenses consumed by the resource.</p>"
    }
   },
   "documentation":"<p>Details about the usage of a resource associated with a license configuration.</p>"
  },
  "LicenseConfigurationUsageList":{
```

```
    "type":"list",
    "member":{"shape":"LicenseConfigurationUsage"}
   },
   "LicenseConfigurations":{
    "type":"list",
    "member":{"shape":"LicenseConfiguration"}
   },
   "LicenseConversionContext":{
    "type":"structure",
    "members":{
     "UsageOperation":{
      "shape":"UsageOperation",
      "documentation":"<p>The Usage operation value that corresponds to the license type you are converting your
resource from. For more information about which platforms correspond to which usage operation values see <a
href=\"https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/billing-info-fields.html#billing-info\">Sample
 data: usage operation by platform </a> </p>"
     }
    },
    "documentation":"<p>Information about a license type conversion task.</p>"
   },
   "LicenseConversionTask":{
    "type":"structure",
    "members":{
     "LicenseConversionTaskId":{
      "shape":"LicenseConversionTaskId",
      "documentation":"<p>The ID of the license type conversion task.</p>"
     },
     "ResourceArn":{
      "shape":"String",
      "documentation":"<p>The Amazon Resource Name (ARN) of the resource associated with the license type
conversion task.</p>"
     },
     "SourceLicenseContext":{
      "shape":"LicenseConversionContext",
      "documentation":"<p>Information about the license type this conversion task converted from.</p>"
     },
     "DestinationLicenseContext":{
      "shape":"LicenseConversionContext",
      "documentation":"<p>Information about the license type this conversion
 task converted to.</p>"
     },
     "Status":{
      "shape":"LicenseConversionTaskStatus",
      "documentation":"<p>The status of the conversion task.</p>"
     },
     "StatusMessage":{
      "shape":"String",
      "documentation":"<p>The status message for the conversion task.</p>"
```

```
    },
    "StartTime":{
      "shape":"DateTime",
      "documentation":"<p>The time the conversion task was started at.</p>"
    },
    "LicenseConversionTime":{
      "shape":"DateTime",
      "documentation":"<p>The time the usage operation value of the resource was changed.</p>"
    },
    "EndTime":{
      "shape":"DateTime",
      "documentation":"<p>The time the conversion task was completed.</p>"
    }
  },
  "documentation":"<p>Information about a license type conversion task.</p>"
},
"LicenseConversionTaskId":{
  "type":"string",
  "max":50,
  "pattern":"^lct-[a-zA-Z0-9]*"
},
 "LicenseConversionTaskStatus":{
  "type":"string",
  "enum":[
    "IN_PROGRESS",
    "SUCCEEDED",
    "FAILED"
  ]
},
"LicenseConversionTasks":{
  "type":"list",
  "member":{"shape":"LicenseConversionTask"}
},
"LicenseCountingType":{
  "type":"string",
  "enum":[
    "vCPU",
    "Instance",
    "Core",
    "Socket"
  ]
},
"LicenseDeletionStatus":{
  "type":"string",
  "enum":[
    "PENDING_DELETE",
    "DELETED"
  ]
```

```
},
"LicenseList":{
  "type":"list",
  "member":{"shape":"License"}
},
"LicenseOperationFailure":{
  "type":"structure",
  "members":{
    "ResourceArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the resource.</p>"
    },
    "ResourceType":{
      "shape":"ResourceType",
      "documentation":"<p>Resource type.</p>"
    },
    "ErrorMessage":{
      "shape":"String",
       "documentation":"<p>Error message.</p>"
    },
    "FailureTime":{
      "shape":"DateTime",
      "documentation":"<p>Failure time.</p>"
    },
    "OperationName":{
      "shape":"String",
      "documentation":"<p>Name of the operation.</p>"
    },
    "ResourceOwnerId":{
      "shape":"String",
      "documentation":"<p>ID of the Amazon Web Services account that owns the resource.</p>"
    },
    "OperationRequestedBy":{
      "shape":"String",
      "documentation":"<p>The requester is \"License Manager Automated Discovery\".</p>"
    },
    "MetadataList":{
      "shape":"MetadataList",
      "documentation":"<p>Reserved.</p>"
    }
  },
  "documentation":"<p>Describes the failure of a license operation.</p>"
},
"LicenseOperationFailureList":{
  "type":"list",
  "member":{"shape":"LicenseOperationFailure"}
},
"LicenseSpecification":{
```

```
  "type":"structure",
   "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
    },
    "AmiAssociationScope":{
      "shape":"String",
      "documentation":"<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>"
    }
  },
  "documentation":"<p>Details for associating a license configuration with a resource.</p>"
},
"LicenseSpecifications":{
  "type":"list",
  "member":{"shape":"LicenseSpecification"}
},
"LicenseStatus":{
  "type":"string",
  "enum":[
    "AVAILABLE",
    "PENDING_AVAILABLE",
    "DEACTIVATED",
    "SUSPENDED",
    "EXPIRED",
    "PENDING_DELETE",
    "DELETED"
  ]
},
"LicenseUsage":{
  "type":"structure",
  "members":{
    "EntitlementUsages":{
      "shape":"EntitlementUsageList",
       "documentation":"<p>License entitlement usages.</p>"
    }
  },
  "documentation":"<p>Describes the entitlement usage associated with a license.</p>"
},
"LicenseUsageException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>You do not have enough licenses available to support a new resource launch.</p>",
  "exception":true
},
```

```
  "ListAssociationsForLicenseConfigurationRequest":{
    "type":"structure",
    "required":["LicenseConfigurationArn"],
    "members":{
      "LicenseConfigurationArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of a license configuration.</p>"
      },
      "MaxResults":{
        "shape":"BoxInteger",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token
 for the next set of results.</p>"
      }
    }
  },
  "ListAssociationsForLicenseConfigurationResponse":{
    "type":"structure",
    "members":{
      "LicenseConfigurationAssociations":{
        "shape":"LicenseConfigurationAssociations",
        "documentation":"<p>Information about the associations for the license configuration.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListDistributedGrantsRequest":{
    "type":"structure",
    "members":{
      "GrantArns":{
        "shape":"ArnList",
        "documentation":"<p>Amazon Resource Names (ARNs) of the grants.</p>"
      },
      "Filters":{
        "shape":"FilterList",
        "documentation":"<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p>
<code>LicenseArn</code> </p> </li> <li> <p> <code>GrantStatus</code> </p> </li> <li> <p>
<code>GranteePrincipalARN</code>
 </p> </li> <li> <p> <code>ProductSKU</code> </p> </li> <li> <p> <code>LicenseIssuerName</code> </p>
</li> </ul>"
      },
      "NextToken":{
```

```
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    },
    "MaxResults":{
      "shape":"MaxSize100",
      "documentation":"<p>Maximum number of results to return in a single call.</p>"
    }
  }
},
"ListDistributedGrantsResponse":{
  "type":"structure",
  "members":{
    "Grants":{
      "shape":"GrantList",
      "documentation":"<p>Distributed grant details.</p>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
  }
},
"ListFailuresForLicenseConfigurationOperationsRequest":{
  "type":"structure",
  "required":["LicenseConfigurationArn"],
  "members":{
    "LicenseConfigurationArn":{

"shape":"String",
      "documentation":"<p>Amazon Resource Name of the license configuration.</p>"
    },
    "MaxResults":{
      "shape":"BoxInteger",
      "documentation":"<p>Maximum number of results to return in a single call.</p>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
  }
},
"ListFailuresForLicenseConfigurationOperationsResponse":{
  "type":"structure",
  "members":{
    "LicenseOperationFailureList":{
      "shape":"LicenseOperationFailureList",
      "documentation":"<p>License configuration operations that failed.</p>"
    },
```

```
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
  }
},
"ListLicenseConfigurationsRequest":{
  "type":"structure",
  "members":{
    "LicenseConfigurationArns":{
      "shape":"StringList",
       "documentation":"<p>Amazon Resource Names (ARN) of the license configurations.</p>"
    },
    "MaxResults":{
      "shape":"BoxInteger",
      "documentation":"<p>Maximum number of results to return in a single call.</p>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    },
    "Filters":{
      "shape":"Filters",
      "documentation":"<p>Filters to scope the results. The following filters and logical operators are
supported:</p> <ul> <li> <p> <code>licenseCountingType</code> - The dimension for which licenses are counted.
Possible values are <code>vCPU</code> | <code>Instance</code> | <code>Core</code> | <code>Socket</code>.
Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p>
<code>enforceLicenseCount</code> - A Boolean value that indicates whether hard license enforcement is used.
Logical operators are <code>EQUALS</code>
| <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>usagelimitExceeded</code> - A Boolean value that
indicates whether the available licenses have been exceeded. Logical operators are <code>EQUALS</code> |
<code>NOT_EQUALS</code>.</p> </li> </ul>"
    }
  }
},
"ListLicenseConfigurationsResponse":{
  "type":"structure",
  "members":{
    "LicenseConfigurations":{
      "shape":"LicenseConfigurations",
      "documentation":"<p>Information about the license configurations.</p>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
  }
},
```

```
  "ListLicenseConversionTasksRequest":{
    "type":"structure",
    "members":{
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      },
      "MaxResults":{
        "shape":"BoxInteger",
        "documentation":"<p>Maximum number of results
 to return in a single call.</p>"
      },
      "Filters":{
        "shape":"Filters",
        "documentation":"<p> Filters to scope the results. Valid filters are <code>ResourceArns</code> and
<code>Status</code>. </p>"
      }
    }
  },
  "ListLicenseConversionTasksResponse":{
    "type":"structure",
    "members":{
      "LicenseConversionTasks":{
        "shape":"LicenseConversionTasks",
        "documentation":"<p>Information about the license configuration tasks for your account.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListLicenseManagerReportGeneratorsRequest":{
    "type":"structure",
    "members":{
      "Filters":{
        "shape":"FilterList",
        "documentation":"<p>Filters to scope the results. The following filters are supported: </p> <ul> <li> <p>
<code>LicenseConfigurationArn</code> </p> </li> </ul>"
       },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      },
      "MaxResults":{
        "shape":"MaxSize100",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      }
```

```
    }
  },
  "ListLicenseManagerReportGeneratorsResponse":{
    "type":"structure",
    "members":{
      "ReportGenerators":{
        "shape":"ReportGeneratorList",
        "documentation":"<p>A report generator that creates periodic reports about your license configurations.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListLicenseSpecificationsForResourceRequest":{
    "type":"structure",
    "required":["ResourceArn"],
    "members":{
      "ResourceArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of a resource
that has an associated license configuration.</p>"
      },
      "MaxResults":{
        "shape":"BoxInteger",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListLicenseSpecificationsForResourceResponse":{
    "type":"structure",
    "members":{
      "LicenseSpecifications":{
        "shape":"LicenseSpecifications",
        "documentation":"<p>License configurations associated with a resource.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListLicenseVersionsRequest":{
```

```
    "type":"structure",
    "required":["LicenseArn"],
    "members":{
      "LicenseArn":{
        "shape":"Arn",
        "documentation":"<p>Amazon Resource Name (ARN) of
the license.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      },
      "MaxResults":{
        "shape":"MaxSize100",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      }
    }
  },
  "ListLicenseVersionsResponse":{
    "type":"structure",
    "members":{
      "Licenses":{
        "shape":"LicenseList",
        "documentation":"<p>License details.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListLicensesRequest":{
    "type":"structure",
    "members":{
      "LicenseArns":{
        "shape":"ArnList",
        "documentation":"<p>Amazon Resource Names (ARNs) of the licenses.</p>"
      },
      "Filters":{
        "shape":"FilterList",
        "documentation":"<p>Filters to scope the results.
 The following filters are supported:</p> <ul> <li> <p> <code>Beneficiary</code> </p> </li> <li> <p>
<code>ProductSKU</code> </p> </li> <li> <p> <code>Fingerprint</code> </p> </li> <li> <p>
<code>Status</code> </p> </li> </ul>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
```

```
    },
    "MaxResults":{
      "shape":"MaxSize100",
      "documentation":"<p>Maximum number of results to return in a single call.</p>"
    }
  }
 },
 "ListLicensesResponse":{
  "type":"structure",
  "members":{
    "Licenses":{
      "shape":"LicenseList",
      "documentation":"<p>License details.</p>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
  }
 },
 "ListReceivedGrantsRequest":{
  "type":"structure",
  "members":{
    "GrantArns":{
      "shape":"ArnList",
       "documentation":"<p>Amazon Resource Names (ARNs) of the grants.</p>"
    },
    "Filters":{
      "shape":"FilterList",
      "documentation":"<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p>
<code>ProductSKU</code> </p> </li> <li> <p> <code>LicenseIssuerName</code> </p> </li> <li> <p>
<code>LicenseArn</code> </p> </li> <li> <p> <code>GrantStatus</code> </p> </li> <li> <p>
<code>GranterAccountId</code> </p> </li> </ul>"
    },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    },
    "MaxResults":{
      "shape":"MaxSize100",
      "documentation":"<p>Maximum number of results to return in a single call.</p>"
    }
  }
 },
 "ListReceivedGrantsResponse":{
  "type":"structure",
  "members":{
    "Grants":{
```

```
      "shape":"GrantList",
      "documentation":"<p>Received grant details.</p>"

  },
    "NextToken":{
      "shape":"String",
      "documentation":"<p>Token for the next set of results.</p>"
    }
   }
  },
  "ListReceivedLicensesRequest":{
   "type":"structure",
   "members":{
    "LicenseArns":{
     "shape":"ArnList",
     "documentation":"<p>Amazon Resource Names (ARNs) of the licenses.</p>"
    },
    "Filters":{
     "shape":"FilterList",
     "documentation":"<p>Filters to scope the results. The following filters are supported:</p> <ul> <li> <p>
<code>ProductSKU</code> </p> </li> <li> <p> <code>Status</code> </p> </li> <li> <p>
<code>Fingerprint</code> </p> </li> <li> <p> <code>IssuerName</code> </p> </li> <li> <p>
<code>Beneficiary</code> </p> </li> </ul>"
    },
    "NextToken":{
     "shape":"String",
     "documentation":"<p>Token for the next set of results.</p>"
    },
    "MaxResults":{
     "shape":"MaxSize100",
     "documentation":"<p>Maximum number of
 results to return in a single call.</p>"
    }
   }
  },
  "ListReceivedLicensesResponse":{
   "type":"structure",
   "members":{
    "Licenses":{
     "shape":"GrantedLicenseList",
     "documentation":"<p>Received license details.</p>"
    },
    "NextToken":{
     "shape":"String",
     "documentation":"<p>Token for the next set of results.</p>"
    }
   }
  },
```

```
  "ListResourceInventoryRequest":{
    "type":"structure",
    "members":{
      "MaxResults":{
        "shape":"BoxInteger",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      },
      "Filters":{
        "shape":"InventoryFilterList",
        "documentation":"<p>Filters to scope the results. The following filters and logical operators are
supported:</p> <ul> <li> <p> <code>account_id</code>
 - The ID of the Amazon Web Services account that owns the resource. Logical operators are
<code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>application_name</code> -
The name of the application. Logical operators are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p>
</li> <li> <p> <code>license_included</code> - The type of license included. Logical operators are
<code>EQUALS</code> | <code>NOT_EQUALS</code>. Possible values are <code>sql-server-enterprise</code>
| <code>sql-server-standard</code> | <code>sql-server-web</code> | <code>windows-server-
datacenter</code>.</p> </li> <li> <p> <code>platform</code> - The platform of the resource. Logical operators
are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p> </li> <li> <p> <code>resource_id</code> -
The ID of the resource. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li>
<li> <p> <code>tag:&amp;lt;key&amp;gt;</code> - The key/value combination of a tag assigned to the resource.
 Logical operators are <code>EQUALS</code> (single account) or <code>EQUALS</code> |
<code>NOT_EQUALS</code> (cross account).</p> </li> </ul>"
      }
    }
  },
  "ListResourceInventoryResponse":{
    "type":"structure",
    "members":{
      "ResourceInventoryList":{
        "shape":"ResourceInventoryList",
        "documentation":"<p>Information about the resources.</p>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      }
    }
  },
  "ListTagsForResourceRequest":{
    "type":"structure",
    "required":["ResourceArn"],
    "members":{
      "ResourceArn":{
```

```
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
      }
    }
  },
  "ListTagsForResourceResponse":{
    "type":"structure",
    "members":{
      "Tags":{
        "shape":"TagList",
        "documentation":"<p>Information
 about the tags.</p>"
      }
    }
  },
  "ListTokensRequest":{
    "type":"structure",
    "members":{
      "TokenIds":{
        "shape":"StringList",
        "documentation":"<p>Token IDs.</p>"
      },
      "Filters":{
        "shape":"FilterList",
        "documentation":"<p>Filters to scope the results. The following filter is supported:</p> <ul> <li> <p>
<code>LicenseArns</code> </p> </li> </ul>"
      },
      "NextToken":{
        "shape":"String",
        "documentation":"<p>Token for the next set of results.</p>"
      },
      "MaxResults":{
        "shape":"MaxSize100",
        "documentation":"<p>Maximum number of results to return in a single call.</p>"
      }
    }
  },
  "ListTokensResponse":{
    "type":"structure",
    "members":{
      "Tokens":{
        "shape":"TokenList",
        "documentation":"<p>Received token details.</p>"
      },
      "NextToken":{
        "shape":"String",
```

```
   "documentation":"<p>Token for the next set of results.</p>"
      }
     }
    },
    "ListUsageForLicenseConfigurationRequest":{
     "type":"structure",
     "required":["LicenseConfigurationArn"],
     "members":{
      "LicenseConfigurationArn":{
       "shape":"String",
       "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
      },
      "MaxResults":{
       "shape":"BoxInteger",
       "documentation":"<p>Maximum number of results to return in a single call.</p>"
      },
      "NextToken":{
       "shape":"String",
       "documentation":"<p>Token for the next set of results.</p>"
      },
      "Filters":{
       "shape":"Filters",
       "documentation":"<p>Filters to scope the results. The following filters and logical operators are
supported:</p> <ul> <li> <p> <code>resourceArn</code> - The ARN of the license configuration resource. Logical
operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p>
 </li> <li> <p> <code>resourceType</code> - The resource type (<code>EC2_INSTANCE</code> |
<code>EC2_HOST</code> | <code>EC2_AMI</code> |
<code>SYSTEMS_MANAGER_MANAGED_INSTANCE</code>). Logical operators are
<code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> </li> <li> <p> <code>resourceAccount</code> -
The ID of the account that owns the resource. Logical operators are <code>EQUALS</code> |
<code>NOT_EQUALS</code>.</p> </li> </ul>"
      }
     }
    },
    "ListUsageForLicenseConfigurationResponse":{
     "type":"structure",
     "members":{
      "LicenseConfigurationUsageList":{
       "shape":"LicenseConfigurationUsageList",
       "documentation":"<p>Information about the license configurations.</p>"
      },
      "NextToken":{
       "shape":"String",
       "documentation":"<p>Token for the next set of results.</p>"
      }
     }
    },
    "Location":{"type":"string"},
```

```
  "Long":{"type":"long"},
  "ManagedResourceSummary":{
    "type":"structure",
     "members":{
      "ResourceType":{
        "shape":"ResourceType",
        "documentation":"<p>Type of resource associated with a license.</p>"
      },
      "AssociationCount":{
        "shape":"BoxLong",
        "documentation":"<p>Number of resources associated with licenses.</p>"
      }
    },
    "documentation":"<p>Summary information about a managed resource.</p>"
  },
  "ManagedResourceSummaryList":{
    "type":"list",
    "member":{"shape":"ManagedResourceSummary"}
  },
  "MaxSize100":{
    "type":"integer",
    "max":100,
    "min":1
  },
  "MaxSize3StringList":{
    "type":"list",
    "member":{"shape":"String"},
    "max":3
  },
  "Message":{"type":"string"},
  "Metadata":{
    "type":"structure",
    "members":{
      "Name":{
        "shape":"String",
        "documentation":"<p>The key name.</p>"
      },
      "Value":{
        "shape":"String",
        "documentation":"<p>The
value.</p>"
      }
    },
    "documentation":"<p>Describes key/value pairs.</p>"
  },
  "MetadataList":{
    "type":"list",
    "member":{"shape":"Metadata"}
```

```
  },
  "NoEntitlementsAllowedException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>There are no entitlements found for this license, or the entitlement maximum count is reached.</p>",
    "exception":true
  },
  "OrganizationConfiguration":{
    "type":"structure",
    "required":["EnableIntegration"],
    "members":{
      "EnableIntegration":{
        "shape":"Boolean",
        "documentation":"<p>Enables Organizations integration.</p>"
      }
    },
    "documentation":"<p>Configuration information for Organizations.</p>"
  },
  "PrincipalArnList":{
    "type":"list",
    "member":{"shape":"Arn"},
    "max":1,
    "min":1
  },
  "ProductInformation":{
    "type":"structure",
    "required":[
      "ResourceType",
      "ProductInformationFilterList"
    ],
    "members":{
      "ResourceType":{
        "shape":"String",
        "documentation":"<p>Resource type. The possible values are <code>SSM_MANAGED</code> | <code>RDS</code>.</p>"
      },
      "ProductInformationFilterList":{
        "shape":"ProductInformationFilterList",
        "documentation":"<p>A Product information filter consists of a <code>ProductInformationFilterComparator</code> which is a logical operator, a <code>ProductInformationFilterName</code> which specifies the type of filter being declared, and a <code>ProductInformationFilterValue</code> that specifies the value to filter on. </p> <p>Accepted values for <code>ProductInformationFilterName</code> are listed here along with descriptions and valid options for <code>ProductInformationFilterComparator</code>. </p> <p>The following filters and are supported when the resource type is <code>SSM_MANAGED</code>:</p> <ul> <li> <p>
```

<code>Application Name</code> - The name of the application. Logical operator is <code>EQUALS</code>.   <code>Application Publisher</code> - The publisher of the application. Logical operator is <code>EQUALS</code>.   <code>Application Version</code> - The version of the application. Logical operator is <code>EQUALS</code>.   <code>Platform Name</code> - The name of the platform. Logical operator is <code>EQUALS</code>.   <code>Platform Type</code> - The platform type. Logical operator is <code>EQUALS</code>.   <code>Tag:key</code> - The key of a tag attached to an Amazon Web Services resource you wish to exclude from automated discovery. Logical operator is <code>NOT_EQUALS</code>. The key for your tag must be appended to <code>Tag:</code> following the example: <code>Tag:name-of-your-key</code>. <code>ProductInformationFilterValue</code> is optional if you are not using values for the key.
 <code>AccountId</code> - The 12-digit ID of an Amazon Web Services account you wish to exclude from automated discovery. Logical operator is <code>NOT_EQUALS</code>.   <code>License Included</code> - The type of license included. Logical operators are <code>EQUALS</code> and <code>NOT_EQUALS</code>. Possible values are: <code>sql-server-enterprise</code> | <code>sql-server-standard</code> | <code>sql-server-web</code> | <code>windows-server-datacenter</code>.   The following filters and logical operators are supported when the resource type is <code>RDS</code>: <ul> <code>Engine Edition</code> - The edition of the database engine. Logical operator is <code>EQUALS</code>. Possible values are: <code>oracle-ee</code> | <code>oracle-se</code> | <code>oracle-se1</code> | <code>oracle-se2</code>.   <code>License Pack</code> - The license pack. Logical operator is <code>EQUALS</code>. Possible values are: <code>data guard</code>
| <code>diagnostic pack sqlt</code> | <code>tuning pack sqlt</code> | <code>ols</code> |
<code>olap</code>. "
      }
    },
    "documentation":" Describes product information for a license configuration. "
  },
  "ProductInformationFilter":{
    "type":"structure",
    "required":[
      "ProductInformationFilterName",
      "ProductInformationFilterComparator"
    ],
    "members":{
      "ProductInformationFilterName":{
        "shape":"String",
        "documentation":" Filter name. "
      },
      "ProductInformationFilterValue":{
        "shape":"StringList",
        "documentation":" Filter value. "
      },
      "ProductInformationFilterComparator":{
        "shape":"String",
        "documentation":" Logical operator. "
      }
    },
    "documentation":" Describes product information filters. "
  },

```
"ProductInformationFilterList":{
  "type":"list",
  "member":{"shape":"ProductInformationFilter"}
 },
"ProductInformationList":{
  "type":"list",
  "member":{"shape":"ProductInformation"}
},
"ProvisionalConfiguration":{
  "type":"structure",
  "required":["MaxTimeToLiveInMinutes"],
  "members":{
    "MaxTimeToLiveInMinutes":{
      "shape":"BoxInteger",
      "documentation":"<p>Maximum time for the provisional configuration, in minutes.</p>"
    }
  },
  "documentation":"<p>Details about a provisional configuration.</p>"
},
"RateLimitExceededException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>Too many requests have been submitted. Try again after a brief wait.</p>",
  "exception":true
},
"ReceivedMetadata":{
  "type":"structure",
  "members":{
    "ReceivedStatus":{
      "shape":"ReceivedStatus",
      "documentation":"<p>Received status.</p>"
    },
    "ReceivedStatusReason":{
       "shape":"StatusReasonMessage",
      "documentation":"<p>Received status reason.</p>"
    },
    "AllowedOperations":{
      "shape":"AllowedOperationList",
      "documentation":"<p>Allowed operations.</p>"
    }
  },
  "documentation":"<p>Metadata associated with received licenses and grants.</p>"
},
"ReceivedStatus":{
  "type":"string",
  "enum":[
```

```
    "PENDING_WORKFLOW",
    "PENDING_ACCEPT",
    "REJECTED",
    "ACTIVE",
    "FAILED_WORKFLOW",
    "DELETED",
    "DISABLED",
    "WORKFLOW_COMPLETED"
   ]
  },
  "RedirectException":{
   "type":"structure",
   "members":{
    "Location":{"shape":"Location"},
    "Message":{"shape":"Message"}
   },
   "documentation":"<p>This is not the correct Region for the resource. Try again.</p>",
   "exception":true
  },
  "RejectGrantRequest":{
   "type":"structure",
   "required":["GrantArn"],

 "members":{
    "GrantArn":{
     "shape":"Arn",
     "documentation":"<p>Amazon Resource Name (ARN) of the grant.</p>"
    }
   }
  },
  "RejectGrantResponse":{
   "type":"structure",
   "members":{
    "GrantArn":{
     "shape":"Arn",
     "documentation":"<p>Grant ARN.</p>"
    },
    "Status":{
     "shape":"GrantStatus",
     "documentation":"<p>Grant status.</p>"
    },
    "Version":{
     "shape":"String",
     "documentation":"<p>Grant version.</p>"
    }
   }
  },
  "RenewType":{
```

```
    "type":"string",
    "enum":[
      "None",
      "Weekly",
      "Monthly"
    ]
  },
  "ReportContext":{
    "type":"structure",
    "required":["licenseConfigurationArns"],
    "members":{
      "licenseConfigurationArns":{
        "shape":"ArnList",
        "documentation":"<p>Amazon Resource Name (ARN) of the license configuration that this generator reports on.</p>"

    }
     },
    "documentation":"<p>Details of the license configuration that this generator reports on.</p>"
  },
  "ReportFrequency":{
    "type":"structure",
    "members":{
      "value":{
        "shape":"Integer",
        "documentation":"<p>Number of times within the frequency period that a report is generated. The only supported value is <code>1</code>.</p>"
       },
      "period":{
        "shape":"ReportFrequencyType",
        "documentation":"<p>Time period between each report. The period can be daily, weekly, or monthly.</p>"
      }
    },
    "documentation":"<p>Details about how frequently reports are generated.</p>"
  },
  "ReportFrequencyType":{
    "type":"string",
    "enum":[
      "DAY",
      "WEEK",
      "MONTH"
    ]
  },
  "ReportGenerator":{
    "type":"structure",
    "members":{
      "ReportGeneratorName":{
        "shape":"String",
```

```
  "documentation":"<p>Name of the report generator.</p>"
 },
"ReportType":{
  "shape":"ReportTypeList",
  "documentation":"<p>Type of reports that are generated.</p>"
},
"ReportContext":{
  "shape":"ReportContext",
  "documentation":"<p>License configuration type for this generator.</p>"
},
"ReportFrequency":{
  "shape":"ReportFrequency",
  "documentation":"<p>Details about how frequently reports are generated.</p>"
},
"LicenseManagerReportGeneratorArn":{
  "shape":"String",
  "documentation":"<p>Amazon Resource Name (ARN) of the report generator.</p>"
},
"LastRunStatus":{
  "shape":"String",
  "documentation":"<p>Status of the last report generation attempt.</p>"
},
"LastRunFailureReason":{
  "shape":"String",
  "documentation":"<p>Failure message for the last report generation attempt.</p>"
},
"LastReportGenerationTime":{
  "shape":"String",
   "documentation":"<p>Time the last report was generated at.</p>"
},
"ReportCreatorAccount":{
  "shape":"String",
  "documentation":"<p>The Amazon Web Services account ID used to create the report generator.</p>"
},
"Description":{
  "shape":"String",
  "documentation":"<p>Description of the report generator.</p>"
},
"S3Location":{
  "shape":"S3Location",
  "documentation":"<p>Details of the S3 bucket that report generator reports are published to.</p>"
},
"CreateTime":{
  "shape":"String",
  "documentation":"<p>Time the report was created.</p>"
},
"Tags":{
  "shape":"TagList",
```

```
      "documentation":"<p>Tags associated with the report generator.</p>"
    }
   },
   "documentation":"<p>Describe the details of a report generator.</p>"
  },
  "ReportGeneratorList":{
   "type":"list",
   "member":{"shape":"ReportGenerator"}
  },
  "ReportGeneratorName":{
   "type":"string",
   "max":100,
   "min":1
  },
  "ReportType":{
   "type":"string",
   "enum":[
    "LicenseConfigurationSummaryReport",
    "LicenseConfigurationUsageReport"
   ]
  },
  "ReportTypeList":{
   "type":"list",
   "member":{"shape":"ReportType"}
  },
  "ResourceInventory":{
   "type":"structure",
   "members":{
    "ResourceId":{
     "shape":"String",
     "documentation":"<p>ID of the resource.</p>"
    },
    "ResourceType":{
     "shape":"ResourceType",
     "documentation":"<p>Type of resource.</p>"
    },
    "ResourceArn":{
     "shape":"String",
     "documentation":"<p>Amazon Resource Name (ARN) of the resource.</p>"
    },
    "Platform":{
     "shape":"String",
     "documentation":"<p>Platform of the resource.</p>"
    },
    "PlatformVersion":{
     "shape":"String",
      "documentation":"<p>Platform version of the resource in the inventory.</p>"
    },
```

```
    "ResourceOwningAccountId":{
      "shape":"String",
      "documentation":"<p>ID of the account that owns the resource.</p>"
    }
  },
  "documentation":"<p>Details about a resource.</p>"
},
"ResourceInventoryList":{
  "type":"list",
  "member":{"shape":"ResourceInventory"}
},
"ResourceLimitExceededException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>Your resource limits have been exceeded.</p>",
  "exception":true
},
"ResourceNotFoundException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>The resource cannot be found.</p>",
  "exception":true
},
"ResourceType":{
  "type":"string",
  "enum":[
    "EC2_INSTANCE",
    "EC2_HOST",
    "EC2_AMI",
     "RDS",
    "SYSTEMS_MANAGER_MANAGED_INSTANCE"
  ]
},
"S3Location":{
  "type":"structure",
  "members":{
    "bucket":{
      "shape":"String",
      "documentation":"<p>Name of the S3 bucket reports are published to.</p>"
    },
    "keyPrefix":{
      "shape":"String",
      "documentation":"<p>Prefix of the S3 bucket reports are published to.</p>"
    }
```

```
  },
  "documentation":"<p>Details of the S3 bucket that report generator reports are published to.</p>"
},
"ServerInternalException":{
  "type":"structure",
  "members":{
    "Message":{"shape":"Message"}
  },
  "documentation":"<p>The server experienced an internal error. Try again.</p>",
  "exception":true,
  "fault":true
},
"SignedToken":{
  "type":"string",
  "min":4096
},
"StatusReasonMessage":{
  "type":"string",
  "max":400,
  "pattern":"[\\s\\S]+"
},
"String":{"type":"string"},
 "StringList":{
  "type":"list",
  "member":{"shape":"String"}
},
"Tag":{
  "type":"structure",
  "members":{
    "Key":{
      "shape":"String",
      "documentation":"<p>Tag key.</p>"
    },
    "Value":{
      "shape":"String",
      "documentation":"<p>Tag value.</p>"
    }
  },
  "documentation":"<p>Details about a tag for a license configuration.</p>"
},
"TagKeyList":{
  "type":"list",
  "member":{"shape":"String"}
},
"TagList":{
  "type":"list",
  "member":{"shape":"Tag"}
},
```

```
  "TagResourceRequest":{
    "type":"structure",
    "required":[
      "ResourceArn",
      "Tags"
    ],
    "members":{
      "ResourceArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
      },
      "Tags":{
        "shape":"TagList",
        "documentation":"<p>One or more tags.</p>"
      }
    }
  },
  "TagResourceResponse":{
    "type":"structure",
    "members":{
    }
  },
  "TokenData":{
    "type":"structure",
    "members":{
      "TokenId":{
        "shape":"String",
        "documentation":"<p>Token ID.</p>"
      },
      "TokenType":{
        "shape":"String",
        "documentation":"<p>Type of token generated. The supported value is
<code>REFRESH_TOKEN</code>.</p>"
      },
      "LicenseArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the license.</p>"
      },
      "ExpirationTime":{
        "shape":"ISO8601DateTime",
        "documentation":"<p>Token expiration time, in ISO8601-UTC format.</p>"
      },
      "TokenProperties":{
        "shape":"MaxSize3StringList",
        "documentation":"<p>Data specified by the caller.</p>"
      },
      "RoleArns":{
        "shape":"ArnList",
```

```
        "documentation":"<p>Amazon Resource Names (ARN) of the roles included
 in the token.</p>"
       },
       "Status":{
         "shape":"String",
         "documentation":"<p>Token status. The possible values are <code>AVAILABLE</code> and
<code>DELETED</code>.</p>"
       }
     },
     "documentation":"<p>Describes a token.</p>"
   },
   "TokenList":{
     "type":"list",
     "member":{"shape":"TokenData"}
   },
   "TokenString":{
     "type":"string",
     "max":4096,
     "pattern":"\\S+"
   },
   "TokenType":{
     "type":"string",
     "enum":["REFRESH_TOKEN"]
   },
   "UnsupportedDigitalSignatureMethodException":{
     "type":"structure",
     "members":{
       "Message":{"shape":"Message"}
     },
     "documentation":"<p>The digital signature method is unsupported. Try your request again.</p>",
     "exception":true
   },
   "UntagResourceRequest":{
     "type":"structure",
     "required":[
       "ResourceArn",
       "TagKeys"
     ],
     "members":{
       "ResourceArn":{
         "shape":"String",

         "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
       },
       "TagKeys":{
         "shape":"TagKeyList",
         "documentation":"<p>Keys identifying the tags to remove.</p>"
       }
```

```
    }
  },
  "UntagResourceResponse":{
    "type":"structure",
    "members":{
    }
  },
  "UpdateLicenseConfigurationRequest":{
    "type":"structure",
    "required":["LicenseConfigurationArn"],
    "members":{
      "LicenseConfigurationArn":{
        "shape":"String",
        "documentation":"<p>Amazon Resource Name (ARN) of the license configuration.</p>"
      },
      "LicenseConfigurationStatus":{
        "shape":"LicenseConfigurationStatus",
        "documentation":"<p>New status of the license configuration.</p>"
      },
      "LicenseRules":{
        "shape":"StringList",
        "documentation":"<p>New license rule. The only rule that you can add after you create a license configuration is licenseAffinityToHost.</p>"
      },
      "LicenseCount":{
        "shape":"BoxLong",
        "documentation":"<p>New number of licenses managed by the license configuration.</p>"
      },
      "LicenseCountHardLimit":{
        "shape":"BoxBoolean",
        "documentation":"<p>New hard limit of the number of available licenses.</p>"
      },
      "Name":{
        "shape":"String",
        "documentation":"<p>New name of the license configuration.</p>"
      },
      "Description":{
        "shape":"String",
        "documentation":"<p>New description of the license configuration.</p>"
      },
      "ProductInformationList":{
        "shape":"ProductInformationList",
        "documentation":"<p>New product information.</p>"
      },
      "DisassociateWhenNotFound":{
        "shape":"BoxBoolean",
        "documentation":"<p>When true, disassociates a resource when software is uninstalled.</p>"
      }
```

```
    }
  },
  "UpdateLicenseConfigurationResponse":{
    "type":"structure",
   "members":{
   }
  },
  "UpdateLicenseManagerReportGeneratorRequest":{
   "type":"structure",
   "required":[
     "LicenseManagerReportGeneratorArn",
     "ReportGeneratorName",
     "Type",
     "ReportContext",
     "ReportFrequency",
     "ClientToken"
   ],
   "members":{
     "LicenseManagerReportGeneratorArn":{
       "shape":"String",
       "documentation":"<p>Amazon Resource Name (ARN) of the report generator to update.</p>"
     },
     "ReportGeneratorName":{
       "shape":"ReportGeneratorName",
       "documentation":"<p>Name of the report generator.</p>"
     },
     "Type":{
       "shape":"ReportTypeList",
       "documentation":"<p>Type of reports to generate. The following report types are supported:</p> <ul> <li>
<p>License configuration report - Reports the number and details of consumed licenses for a license
configuration.</p> </li> <li> <p>Resource
 report - Reports the tracked licenses and resource consumption for a license configuration.</p> </li> </ul>"
     },
     "ReportContext":{
       "shape":"ReportContext",
       "documentation":"<p>The report context.</p>"
     },
     "ReportFrequency":{
       "shape":"ReportFrequency",
       "documentation":"<p>Frequency by which reports are generated.</p>"
     },
     "ClientToken":{
       "shape":"ClientRequestToken",
       "documentation":"<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the
request.</p>"
     },
     "Description":{
       "shape":"String",
```

```
      "documentation":"<p>Description of the report generator.</p>"
     }
    }
   },
   "UpdateLicenseManagerReportGeneratorResponse":{
    "type":"structure",
    "members":{
    }
   },
   "UpdateLicenseSpecificationsForResourceRequest":{
    "type":"structure",
    "required":["ResourceArn"],
    "members":{
     "ResourceArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the Amazon Web Services resource.</p>"
     },
     "AddLicenseSpecifications":{
      "shape":"LicenseSpecifications",
      "documentation":"<p>ARNs of the license configurations to add.</p>"
     },
     "RemoveLicenseSpecifications":{
      "shape":"LicenseSpecifications",
      "documentation":"<p>ARNs of the license configurations to remove.</p>"
     }
    }
   },
   "UpdateLicenseSpecificationsForResourceResponse":{
    "type":"structure",
    "members":{
    }
   },
   "UpdateServiceSettingsRequest":{
    "type":"structure",
    "members":{
     "S3BucketArn":{
      "shape":"String",
      "documentation":"<p>Amazon Resource Name (ARN) of the Amazon S3 bucket where the License Manager
information is stored.</p>"
     },
     "SnsTopicArn":{
      "shape":"String",
      "documentation":"<p>Amazon
 Resource Name (ARN) of the Amazon SNS topic used for License Manager alerts.</p>"
     },
     "OrganizationConfiguration":{
      "shape":"OrganizationConfiguration",
      "documentation":"<p>Enables integration with Organizations for cross-account discovery.</p>"
```

```
      },
      "EnableCrossAccountsDiscovery":{
        "shape":"BoxBoolean",
        "documentation":"<p>Activates cross-account discovery.</p>"
      }
    }
  },
  "UpdateServiceSettingsResponse":{
    "type":"structure",
    "members":{
    }
  },
  "UsageOperation":{
    "type":"string",
    "max":50
  },
  "ValidationException":{
    "type":"structure",
    "members":{
      "Message":{"shape":"Message"}
    },
    "documentation":"<p>The provided input is not valid. Try your request again.</p>",
    "exception":true
  }
 },
 "documentation":"<p>License Manager makes it easier to manage licenses from software vendors across multiple Amazon Web Services
 accounts and on-premises servers.</p>"
}
```


1.257 aws-cli 1.22.80

1.257.1 Available under license :

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1.258 squirrel 1.2.0

1.258.1 Available under license :

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1.259 kubernetes-apiserver-extensions 0.18.0

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.263 failureaccess 1.0.1

1.263.1 Available under license :

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Found in path(s):
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutures.java

1.264 jetty-client 9.4.57.v20241219

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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OW2

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terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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```
#
# Don't put empty lines into this file!
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
```

src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
subprojects/dlg
#
#
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1.266 @babel/runtime 7.27.0

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1.268 ansi-styles 3.2.1

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1.269 setimmediate 1.0.5

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1.270 simple-swizzle/node_modules/is-arrayish 0.3.2

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1.272 sift 15.1.3

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1.274 color/node_modules/color-convert 2.0.1

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1.275 @harbor/elements/node_modules/scheduler 0.23.0

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1.276 asynckit 0.4.0

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1.277 color/node_modules/color-name 1.1.4

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1.278 path-to-regexp/node_modules/isarray 0.0.1

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1.279 react-router/node_modules/hoist-non-react-statics 3.3.2

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1.281 giflib 5.2.2

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1.282 asm 6.0

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*/
/**
   * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
   * not use this constructor</i>. Instead, they must use the
   * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
   * version.
   *

   * @param typeRef
   *          a reference to the annotated type. See {@link TypeReference}.
   * @param typePath
   *          the path to the annotated type argument, wildcard bound, array
   *          element type, or static inner type within 'typeRef'. May be
   *          <tt>null</tt> if the annotation targets 'typeRef' as a whole.
   * @param start
   *          the fist instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (inclusive).
   * @param end
   *          the last instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (exclusive). This
   *          array must have the same size as the 'start' array.
   * @param index
   *          the local variable's index in each range. This array must have
```

```
   *           the same size as the 'start' array.
   * @param desc
   *           the class descriptor of
 the annotation class.
   */
```

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* /asm-6-0-sources-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/xml/ASMContentHandler.java
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 /asm-6-0-sources-jar/org/objectweb/asm/xml/SAXModuleAdapter.java
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* /asm-6-0-sources-jar/org/objectweb/asm/xml/Processor.java
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/**
   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *            the
 method visitor to which this adapter delegates calls.
   * @param access
   *            the method's access flags (see {@link Opcodes}).
   * @param name
   *            the method's name.
   * @param desc
   *            the method's descriptor (see {@link Type Type}).
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
   */
```

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*/
/**
```

```
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   *
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
    */
```

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```

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* /asm-6-0-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/ModuleRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/ModuleExportNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/Value.java

*
 /asm-6-0-sources-jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/ClassRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/ByteVector.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/IntInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/LabelNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/ClassVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/MethodInsnNode.java
*
 /asm-6-0-sources-jar/org/objectweb/asm/ClassReader.java
* /asm-6-0-sources-jar/org/objectweb/asm/FieldVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tools/ModuleInfoBndPlugin.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/ModuleRequireNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/AnnotationRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/ModuleHashesAttribute.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckClassAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/InnerClassNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/ModuleProvideNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/CurrentFrame.java
* /asm-6-0-sources-jar/org/objectweb/asm/Label.java
*
 /asm-6-0-sources-jar/org/objectweb/asm/tree/JumpInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/Opcodes.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/MethodRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/Frame.java
* /asm-6-0-sources-jar/org/objectweb/asm/ClassWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /asm-6-0-sources-jar/org/objectweb/asm/Attribute.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/LocalVariableNode.java
*

/asm-6-0-sources-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/AnnotationNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/Context.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/MethodNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/InsnList.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/IincInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/FieldNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/Handle.java
*
/asm-6-0-sources-jar/org/objectweb/asm/tree/ModuleOpenNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/LdcInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /asm-6-0-sources-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/Handler.java
* /asm-6-0-sources-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/ModuleWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/ModuleNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/TraceModuleVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/InstructionAdapter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
*
/asm-6-0-sources-jar/org/objectweb/asm/tree/InsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /asm-6-0-sources-jar/org/objectweb/asm/MethodVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /asm-6-0-sources-jar/org/objectweb/asm/Frame.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/Method.java
* /asm-6-0-sources-jar/org/objectweb/asm/MethodWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/VarInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/LineNumberNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /asm-6-0-sources-jar/org/objectweb/asm/tools/Retrofitter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/ModuleTargetAttribute.java
*

/asm-6-0-sources-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/FieldWriter.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/SignatureRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/FieldRemapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /asm-6-0-sources-jar/org/objectweb/asm/commons/Remapper.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/Printer.java
* /asm-6-0-sources-jar/org/objectweb/asm/Item.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/ParameterNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/Edge.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/FrameNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/Type.java
* /asm-6-0-sources-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/ASMifier.java
*
/asm-6-0-sources-jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java
* /asm-6-0-sources-jar/org/objectweb/asm/util/CheckModuleAdapter.java
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. Subclasses must not use this
   * constructor. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *

```
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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* /asm-6-0-sources-jar/org/objectweb/asm/util/package.html
* /asm-6-0-sources-jar/org/objectweb/asm/commons/package.html
* /asm-6-0-sources-jar/org/objectweb/asm/tree/analysis/package.html
* /asm-6-0-sources-jar/org/objectweb/asm/signature/package.html
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*/
/**
   * Constructs a new {@link Textifier}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #Textifier(int)}
   * version.
   *
   * @throws IllegalStateException
   *             If a subclass calls this constructor.
```

```
 */
```

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* /asm-6-0-sources-jar/org/objectweb/asm/util/Textifier.java
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*/
/**
   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *
  the <code>MethodVisitor</code> to send the resulting inlined
   *          method code to (use <code>null</code> for none).
   * @param access
   *          the method's access flags (see {@link Opcodes}). This
```

```
     *           parameter also indicates if the method is synthetic and/or
     *           deprecated.
     * @param name
     *           the method's name.
     * @param desc
     *           the method's descriptor (see {@link Type}).
     * @param signature
     *           the method's signature. May be <tt>null</tt>.
     * @param exceptions
     *           the internal names of the method's exception classes (see
     *           {@link Type#getInternalName() getInternalName}). May be
     *           <tt>null</tt>.
     * @throws IllegalStateException
     *            If a subclass calls this constructor.
     */
```

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* /asm-6-0-sources-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

1.283 jline 3.26.1

1.283.1 Available under license :

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* /jline-3-26-1-sources-1-jar/org/jline/nativ/OSInfo.java
* /jline-3-26-1-sources-1-jar/org/jline/nativ/JLineNativeLoader.java
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* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-remote-telnet/pom.xml
* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-reader/pom.xml
* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-terminal-jansi/pom.xml
* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-terminal-jni/pom.xml
* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-terminal-ffm/pom.xml
* /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-terminal-jna/pom.xml
*
 /jline-3-26-1-sources-1-jar/META-INF/maven/org.jline/jline-style/pom.xml
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* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/JnaNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/ColorPalette.java
* /jline-3-26-1-sources-1-jar/org/jline/console/impl/AbstractCommandRegistry.java

* /jline-3-26-1-sources-1-jar/org/jline/console/ScriptEngine.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/JniNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/CompletionMatcher.java
* /jline-3-26-1-sources-1-jar/org/jline/widget/AutopairWidgets.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/solaris/CLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/DefaultParser.java
*
 /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/linux/CLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/console/impl/JlineCommandRegistry.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/EndOfFileException.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/LineReaderBuilder.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/JniTerminalProvider.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/JansiNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/ReaderUtils.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/JansiTerminalProvider.java
* /jline-3-26-1-sources-1-jar/org/jline/console/CommandRegistry.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/win/NativeWinSysTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/console/CmdLine.java
*
 /jline-3-26-1-sources-1-jar/org/jline/widget/AutosuggestionWidgets.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/console/CommandMethods.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/SystemCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/console/CmdDesc.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/JnaTerminalProvider.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/osx/CLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Log.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Signals.java
* /jline-3-26-1-sources-1-jar/org/jline/console/CommandInput.java
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* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ffm/FfmNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ffm/WindowsAnsiWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ffm/NativeWinConsoleWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ffm/CLibrary.java
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* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/Diag.java
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* /jline-3-26-1-sources-1-jar/org/jline/console/ArgDesc.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/Nano.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/Styles.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/PrintAboveWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/AttributedStyle.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Highlighter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/TerminalBuilder.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/AbstractTerminal.java
*

/jline-3-26-1-sources-1-jar/org/jline/builtins/ConsoleOptionGetter.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/TTop.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Parser.java
* /jline-3-26-1-sources-1-jar/org/jline/console/impl/ConsoleEngineImpl.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/DefaultHighlighter.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/history/DefaultHistory.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/AttributedCharSequence.java
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* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingPumpReader.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/ssh/Ssh.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleResolver.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/solaris/SolarisNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/PumpReader.java
*
/jline-3-26-1-sources-1-jar/org/jline/style/StyleColor.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleBundle.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/SimpleMaskingCallback.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/telnet/Telnet.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/freebsd/FreeBsdNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/linux/LinuxNativePty.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/BufferImpl.java
* /jline-3-26-1-sources-1-jar/org/jline/style/MemoryStyleSource.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyledWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingPumpInputStream.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleBundleInvocationHandler.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java
*
/jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/win/NativeWinConsoleWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/ssh/ShellFactoryImpl.java

* /jline-3-26-1-sources-1-jar/org/jline/style/InterpolationHelper.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Buffer.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/win/JnaWinConsoleWriter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jni/osx/OsXNativePty.java
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* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/ArgumentCompleter.java

* /jline-3-26-1-sources-1-jar/org/jline/builtins/Tmux.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/StringsCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Editor.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/AbstractPty.java
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* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/LineReaderImpl.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/SyntaxHighlighter.java
* /jline-3-26-1-sources-1-jar/org/jline/widget/TailTipWidgets.java
* /jline-3-26-1-sources-1-jar/org/jline/widget/Widgets.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/LineReader.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/InputRC.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/Commands.java
* /jline-3-26-1-sources-1-jar/org/jline/console/ConsoleEngine.java
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* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/package-info.java
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* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiRenderer.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/Ansi.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiMode.java

* /jline-3-26-1-sources-1-jar/org/jline/jansi/WindowsSupport.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ffm/Kernel32.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiMain.java
* /jline-3-26-1-sources-1-jar/org/jline/nativ/Kernel32.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiColors.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/io/AnsiOutputStream.java
*
 /jline-3-26-1-sources-1-jar/org/jline/jansi/io/FastBufferedOutputStream.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/io/Colors.java
* /jline-3-26-1-sources-1-jar/org/jline/nativ/CLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/io/WindowsAnsiProcessor.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiConsole.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/io/ColorsAnsiProcessor.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/AnsiType.java
* /jline-3-26-1-sources-1-jar/org/jline/jansi/io/AnsiProcessor.java
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* /jline-3-26-1-sources-1-jar/org/jline/console/impl/Builtins.java
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* /jline-3-26-1-sources-1-jar/org/jline/style/Styler.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/PosixPtyTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/StyleResolver.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/Terminal.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingReader.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/History.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/DumbTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleFactory.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingInputStream.java
*
 /jline-3-26-1-sources-1-jar/org/jline/terminal/Size.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Curses.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlocking.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/ExternalTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/FileNameCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleSource.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Completer.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingInputStreamImpl.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/CompletingParsedLine.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/NonBlockingReaderImpl.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/jna/win/Kernel32.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Colors.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/MaskingCallback.java
* /jline-3-26-1-sources-1-jar/org/jline/style/StyleExpression.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/InputRC.java
*
 /jline-3-26-1-sources-1-jar/org/jline/builtins/NfaMatcher.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/AttributedStringBuilder.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/ParsedLine.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/KillRing.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/LineDisciplineTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/PosixSysTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Timeout.java
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* /jline-3-26-1-sources-1-jar/org/jline/nativ/JLineLibrary.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/spi/SystemStream.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/spi/TerminalExt.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/EOFError.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/SyntaxError.java
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* /jline-3-26-1-sources-1-jar/META-INF/services/org/jline/terminal/provider/ffm
* /jline-3-26-1-sources-1-jar/META-INF/services/org/jline/terminal/provider/exec
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* /jline-3-26-1-sources-1-jar/org/jline/builtins/telnet/Connection.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/telnet/ConnectionData.java
* /jline-3-26-1-sources-1-jar/org/jline/builtins/telnet/ConnectionManager.java
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* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/AggregateCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/CursorSupport.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Binding.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/AbstractPosixTerminal.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/AttributedString.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/MouseEvent.java
* /jline-3-26-1-sources-1-jar/org/jline/keymap/KeyMap.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/EnumCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Widget.java
*
 /jline-3-26-1-sources-1-jar/org/jline/reader/Macro.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/ClosedException.java
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* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/completer/NullCompleter.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/Expander.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/Levenshtein.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/Attributes.java
*
 /jline-3-26-1-sources-1-jar/org/jline/utils/ExecHelper.java
* /jline-3-26-1-sources-1-jar/org/jline/utils/ShutdownHooks.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/UserInterruptException.java
* /jline-3-26-1-sources-1-jar/org/jline/reader/impl/DefaultExpander.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/impl/MouseSupport.java
* /jline-3-26-1-sources-1-jar/org/jline/terminal/Cursor.java

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2

licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.287 google-cloud-go 0.38.0

1.287.1 Available under license :

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
 "bytes"
 "context"
 "fmt"
 "io/ioutil"
 "net/http"
 "net/url"

 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport "google.golang.org/api/transport/http"
 computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
 "google.golang.org/grpc"
 "google.golang.org/grpc/metadata"
 "google.golang.org/protobuf/encoding/protojson"
)

var
 newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
 Get              []gax.CallOption
 TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods availaible from Google Compute Engine API.
type internalLicenseCodesClient interface {
 Close() error
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}
```

```
// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
 However, fields must not be modified concurrently with method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicenseCodesClient

 // The call options for this service.
 CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

//
 Get return a specified license code. License codes are mirrored across all projects that have permissions to read the License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts ...gax.CallOption) (*computepb.LicenseCode, error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
```

```
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
 fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
 // The http endpoint to connect to.
 endpoint string

 // The http client.
 httpClient *http.Client

 // The x-goog-* metadata to be sent with each request.
 xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
 clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
 }

 c := &licenseCodesRESTClient{
  endpoint:   endpoint,
  httpClient: httpClient,
 }
 c.setGoogleClientInfo()

 return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

//
```

```
 setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", versionGo()}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
 c.httpClient = nil
 return nil
}

//
 Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license_code", url.QueryEscape(req.GetLicenseCode())))

 headers
 := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.LicenseCode{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
```

```
 }
 httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := ioutil.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// TestIamPermissions returns permissions that a
 caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }
```

```
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

 headers := buildHeaders(ctx, c.xGoogMetadata,
 md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := ioutil.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return maybeUnknownEnum(err)
  }

  return nil
 }, opts...)
 if e != nil {
```

```
 return nil, e
 }
 return resp, nil
}
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package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
 ctx := context.Background()
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 // TODO: Use
 client.
 _ = c
}

func ExampleLicenseCodesClient_Get() {
 ctx := context.Background()
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
```

```
 defer c.Close()

 req := &computepb.GetLicenseCodeRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
 }
 resp, err := c.Get(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
 ctx := context.Background()
 c, err := compute.NewLicenseCodesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseCodeRequest{
  // TODO: Fill request struct fields.
  // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequ
est.
 }
 resp, err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 //
 TODO: Use resp.
 _ = resp
}
```

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package compute

import (
 "bytes"
 "context"
 "fmt"
 "io/ioutil"
 "math"
 "net/http"
 "net/url"

 gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
 "google.golang.org/api/iterator"
 "google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
 httptransport "google.golang.org/api/transport/http"
 computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
 "google.golang.org/grpc"
 "google.golang.org/grpc/metadata"
 "google.golang.org/protobuf/encoding/protojson"
 "google.golang.org/protobuf/proto"
)

var
```

```
 newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
 Delete            []gax.CallOption
 Get               []gax.CallOption
 GetIamPolicy      []gax.CallOption
 Insert            []gax.CallOption
 List              []gax.CallOption
 SetIamPolicy      []gax.CallOption
 TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods availaible from Google Compute Engine API.
type internalLicensesClient interface {
 Close() error
 setGoogleClientInfo(...string)
 Connection() *grpc.ClientConn
 Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
 Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
 (*computepb.License, error)
 GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
 List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
 SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
 TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
 // The internal transport-dependent client.
 internalClient internalLicensesClient

 // The call options for this service.
 CallOptions
 *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
```

```
// the client is no longer required.
func (c *LicensesClient) Close() error {
 return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
 c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
 return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
 (*Operation, error) {
 return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
 return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-party
 partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
 return c.internalClient.Insert(ctx, req, opts...)
}
```

```
// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption) *LicenseIterator {
 return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
 any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {
 return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse, error) {
 return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with method calls.
type licensesRESTClient struct {
 // The http endpoint to connect to.
 endpoint
 string

 // The http client.
 httpClient *http.Client

 // operationClient is used to call the operation-specific management service.
 operationClient *GlobalOperationsClient

 // The x-goog-* metadata to be sent with each request.
 xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
 clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
```

```
 httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
 if err != nil {
  return nil, err
 }

 c := &licensesRESTClient{
  endpoint:   endpoint,
  httpClient: httpClient,
 }
 c.setGoogleClientInfo()

 o := []option.ClientOption{
  option.WithHTTPClient(httpClient),
  option.WithEndpoint(endpoint),
 }
 opC, err := NewGlobalOperationsRESTClient(ctx, o...)
 if err != nil {
  return nil, err
 }
 c.operationClient = opC

 return &LicensesClient{internalClient:
 c, CallOptions: &LicensesCallOptions{}}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
 return []option.ClientOption{
  internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
  internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
  internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
  internaloption.WithDefaultScopes(DefaultAuthScopes()...),
 }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
 kv := append([]string{"gl-go", versionGo()}, keyval...)
 kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
 c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the
 client is no longer required.
func (c *licensesRESTClient) Close() error {
 // Replace httpClient with nil to force cleanup.
```

```
 c.httpClient = nil
 if err := c.operationClient.Close(); err != nil {
  return err
 }
 return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
 return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery
 = params.Encode()

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense())))

 headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Operation{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
```

```
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := ioutil.ReadAll(httpRsp.Body)
 if
err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
}, opts...)
if e != nil {
 return nil, e
}
op := &Operation{
 &globalOperationsHandle{
  c:       c.operationClient,
  proto:   resp,
  project: req.GetProject(),
 },
}
return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

 // Build HTTP headers from client and context metadata.
```

```
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()),
 "license", url.QueryEscape(req.GetLicense())))

 headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.License{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := ioutil.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return maybeUnknownEnum(err)
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return
  resp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
```

```
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

 params := url.Values{}
 if req != nil && req.OptionsRequestedPolicyVersion != nil {
  params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()),
 "resource", url.QueryEscape(req.GetResource())))

 headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := ioutil.ReadAll(httpRsp.Body)
  if err != nil {
   return err
```

```
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return
 resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetLicenseResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

 params := url.Values{}
 if req != nil && req.RequestId != nil {
  params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
 }

 baseUrl.RawQuery = params.Encode()

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v", "project",
url.QueryEscape(req.GetProject())))

 headers
 := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Operation{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
```

```
 if settings.Path != "" {
  baseUrl.Path = settings.Path
 }
 httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
 if err != nil {
  return err
 }
 httpReq = httpReq.WithContext(ctx)
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := ioutil.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 op := &Operation{
  &globalOperationsHandle{
   c:
       c.operationClient,
   proto:   resp,
   project: req.GetProject(),
  },
 }
 return op, nil
}
```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-

cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
 it := &LicenseIterator{}
 req = proto.Clone(req).(*computepb.ListLicensesRequest)
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error)
 {
  resp := &computepb.LicensesListResponse{}
  if pageToken != "" {
   req.PageToken = proto.String(pageToken)
  }
  if pageSize > math.MaxInt32 {
   req.MaxResults = proto.Uint32(math.MaxInt32)
  } else if pageSize != 0 {
   req.MaxResults = proto.Uint32(uint32(pageSize))
  }
  baseUrl, err := url.Parse(c.endpoint)
  if err != nil {
   return nil, "", err
  }
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

  params := url.Values{}
  if req != nil && req.Filter != nil {
   params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
  }
  if req != nil && req.MaxResults != nil {
   params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
  }
  if req != nil && req.OrderBy != nil {
   params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
  }
  if req != nil && req.PageToken != nil {
   params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
  }
  if req != nil && req.ReturnPartialSuccess != nil {
   params.Add("returnPartialSuccess",
 fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
  }

  baseUrl.RawQuery = params.Encode()

  // Build HTTP headers from client and context metadata.
  headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
  e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
   if settings.Path != "" {
```

```
  baseUrl.Path = settings.Path
 }
 httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
 if err != nil {
  return err
 }
 httpReq.Header = headers

 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return err
 }
 defer httpRsp.Body.Close()

 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := ioutil.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
 }, opts...)
 if e != nil {
  return nil, "", e
 }
 it.Response =
resp
 return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
 items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
 if err != nil {
  return "", err
 }
 it.items = append(it.items, items...)
 return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
```

```
 it.pageInfo.Token = req.GetPageToken()

 return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetGlobalSetPolicyRequestResource()
 jsonReq, err := m.Marshal(body)
 if
 err != nil {
  return nil, err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

 headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 resp := &computepb.Policy{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header
 = headers

  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()
```

```
 if err = googleapi.CheckResponse(httpRsp); err != nil {
  return err
 }

 buf, err := ioutil.ReadAll(httpRsp.Body)
 if err != nil {
  return err
 }

 if err := unm.Unmarshal(buf, resp); err != nil {
  return maybeUnknownEnum(err)
 }

 return nil
}, opts...)
if e != nil {
 return nil, e
}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil,
 err
 }

 baseUrl, err := url.Parse(c.endpoint)
 if err != nil {
  return nil, err
 }
 baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

 // Build HTTP headers from client and context metadata.
 md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

 headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
```

```
 resp := &computepb.TestPermissionsResponse{}
 e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
  if settings.Path != "" {
   baseUrl.Path = settings.Path
  }
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return err
  }
  httpReq = httpReq.WithContext(ctx)
  httpReq.Header = headers

  httpRsp,
 err := c.httpClient.Do(httpReq)
  if err != nil {
   return err
  }
  defer httpRsp.Body.Close()

  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return err
  }

  buf, err := ioutil.ReadAll(httpRsp.Body)
  if err != nil {
   return err
  }

  if err := unm.Unmarshal(buf, resp); err != nil {
   return maybeUnknownEnum(err)
  }

  return nil
 }, opts...)
 if e != nil {
  return nil, e
 }
 return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
 items    []*computepb.License
 pageInfo *iterator.PageInfo
 nextFunc func() error

 // Response is the raw response for the current page.
 // It must be cast to the RPC response type.
```

```
 // Calling Next() or InternalFetch() updates this value.
 Response interface{}

 // InternalFetch is for use by the Google Cloud Libraries only.
 // It is not part of the stable interface of this package.
 //
 // InternalFetch returns results from a single call to the underlying RPC.
 //
 The number of results is no greater than pageSize.
 // If there are no more results, nextPageToken is empty and err is nil.
 InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
 return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
 var item *computepb.License
 if err := it.nextFunc(); err != nil {
  return item, err
 }
 item = it.items[0]
 it.items = it.items[1:]
 return item, nil
}

func (it *LicenseIterator) bufLen() int {
 return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
 b := it.items
 it.items = nil
 return b
}
```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
 "context"

 compute "cloud.google.com/go/compute/apiv1"
 "google.golang.org/api/iterator"
 computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)

```
 if err != nil {
  // TODO: Handle error.
 }
 defer
 c.Close()

 // TODO: Use client.
 _ = c
}

func ExampleLicensesClient_Delete() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.DeleteLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
 }
 op, err := c.Delete(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }

 err = op.Wait(ctx)
 if err != nil {
  // TODO: Handle error.
 }
}

func ExampleLicensesClient_Get() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.GetLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
 }
 resp, err := c.Get(ctx, req)
 if err != nil {
  // TODO: Handle error.
```

```
}
// TODO: Use resp.
_
= resp
}

func ExampleLicensesClient_GetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
}
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Insert() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.InsertLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
}
op, err := c.Insert(ctx, req)
if err != nil {
// TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
// TODO:
Handle error.
}
```

```
}

func ExampleLicensesClient_List() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.ListLicensesRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
 }
 it := c.List(ctx, req)
 for {
  resp, err := it.Next()
  if err == iterator.Done {
   break
  }
  if err != nil {
   // TODO: Handle error.
  }
  // TODO: Use resp.
  _ = resp
 }
}

func ExampleLicensesClient_SetIamPolicy() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.SetIamPolicyLicenseRequest{
  // TODO: Fill request struct fields.
  // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
 }
 resp, err := c.SetIamPolicy(ctx, req)
 if err !=
 nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}
```

```
func ExampleLicensesClient_TestIamPermissions() {
 ctx := context.Background()
 c, err := compute.NewLicensesRESTClient(ctx)
 if err != nil {
  // TODO: Handle error.
 }
 defer c.Close()

 req := &computepb.TestIamPermissionsLicenseRequest{
  // TODO: Fill request struct fields.
  // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
 }
 resp, err := c.TestIamPermissions(ctx, req)
 if err != nil {
  // TODO: Handle error.
 }
 // TODO: Use resp.
 _ = resp
}
```

1.288 kerberos 1.19.2-2ubuntu0.7

1.288.1 Available under license :

[NOTE: MIT has only incorporated the mechglue and spnego change, and
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cmd/krb5/iprop/iprop.x
cmd/krb5/iprop/iprop_hdr.h

cmd/krb5/kadmin/server/ipropd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x

lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* java.sun.security.ssl

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are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.293 pam 1.4.0-11ubuntu2.6

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1.294 libx11 2:1.7.5-1ubuntu0.3

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1.297 pcre2 10.35-r0

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1.302 shadow 1:4.8.1-2ubuntu2.2

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1.304 xorg 1:7.7+23ubuntu2

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1.305 libxtst 2:1.2.3-1build4

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1.306 libxcrypt 1:4.4.27-1

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1.307 libxext 2:1.3.4-1build1

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1.308 libxau 1:1.0.9-1build5

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1.309 gnupg 2.2.27-3ubuntu2.4

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Any executables containing that work also fall under Section 6,
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d) 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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Version 3, 29 June 2007

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COPYING.other -*- org -*-
#+TITLE: List of code with permissive licenses as used by GnuPG.
#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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* Regular expression support

regexp/jimregexp.[ch]:

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Subsequently modified by:

1986 John Gilmore hoptoad!gnu
1987 James A. Woods ames!jaw
1993 Christopher Seiwald seiwald@vix.com
2000, 2002 Christopher Seiwald <seiwald@perforce.com>
2010 Steve Bennett <steveb@workware.net.au>
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  iconv (Charset Conversion Library) v2.0

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*/
/* Definitions for BSD assembler syntax for Intel 386
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  adapted to BSD conventions for symbol names and debugging.)
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<http://www.gnu.org/licenses/>.  */

/* Use the Sequent Symmetry assembler syntax.  */

/* Define the syntax of pseudo-ops, labels and comments.  */

/* Prefix for internally generated assembler
```

```
 labels.  If we aren't using
  underscores, we are using prefix `.'s to identify labels that should
  be ignored, as in `i386/gas.h' --karl@cs.umb.edu  */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size.  */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation.  */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
  #define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */


/* Define the syntax of labels and symbol definitions/declarations.  */

/* This is how to output an assembler line
  that says to advance the location counter by SIZE bytes.  */

#define ASM_OUTPUT_SKIP(FILE,SIZE)  \
 fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations.  */

/* This says how to output an assembler line
  to define a global common symbol.  */

#define
 ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".comm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
  to define a local common symbol.  */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
```

```
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
  that says to advance the location counter
  to a multiple of 2**LOG bytes.  */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
 if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
  the symbol_ref name of an internal numbered label
 where
  PREFIX is the class of label and NUM is the number within the class.
  This is suitable for output with `assemble_name'.  */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
   sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols.  */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols.  */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations.  */
#define DBX_CONTIN_LENGTH 0
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{} 2007 Free Software Foundation, Inc.

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license document, but changing it is not allowed.
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU General Public License
@center Version 3, 29 June 2007

@c This file is intended to be included in another file.
```

@display
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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 02110-1301, USA.  */


#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
  difficult for the compiler to generate a call to this.  These are
  used as arguments to the function __VLTChangePermission, declared
  below.  */
#define __VLTP_READ_ONLY  0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size.  */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif



#endif /* __VTV_H__ */
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DRuntime: Runtime Library for the D Programming Language
==========

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```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
  difficult for the compiler to generate a call to this.  These are
  used as arguments to the function __VLTChangePermission, declared
  below.  */
#define __VLTP_READ_ONLY  0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size.  */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
```

#endif

#endif /* __VTV_H__ */
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========

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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 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
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) 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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That's all there is to it!
/* Extract the last component (base name) of a file name.

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

```
#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME     RESULT
          "foo.c"      "foo.c"
          "foo/bar.c"  "bar.c"
          "/foo/bar.c" "bar.c"
          "foo/bar/"   "bar/"
          "foo/bar//"  "bar//"
          "/"          ""
          "//"         ""
          ""           ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:
          FILENAME
      RESULT
          "foo/bar/"   ""
          "foo/bar//"  ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME     RESULT
          "foo/bar/"   "bar"
          "foo/bar//"  "bar"
          "/"          "/"
          "//"         "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
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version 0.1
##
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1.315 validate-npm-package-license 3.0.4

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validate-npm-package-license
==========

Give me a string and I'll tell you if it's a valid npm package license string.

```javascript
var valid = require('validate-npm-package-license');
```

SPDX license identifiers are valid license strings:

```javascript

var assert = require('assert');
var validSPDXExpression = {
 validForNewPackages: true,
 validForOldPackages: true,
```

```
 spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```javascript
assert.deepEqual(
 valid('Apache 2.0'),
 {
   validForOldPackages: false,
   validForNewPackages: false,
   warnings: [
     'license should be ' +
     'a valid SPDX license expression (without "LicenseRef"), ' +
     '"UNLICENSED", or ' +
      '"SEE LICENSE IN <filename>"',
     'license is similar to the valid expression "Apache-2.0"'
   ]
 }
);
```

SPDX expressions are valid, too ...

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
 valid('(GPL-3.0-only OR BSD-2-Clause)'),
 validSPDXExpression
);
```

... except if they contain `LicenseRef`:

```javascript
var warningAboutLicenseRef = {
 validForOldPackages: false,
 validForNewPackages: false,
 spdx: true,
 warnings: [
   'license should be ' +
   'a valid SPDX license expression (without "LicenseRef"), ' +
   '"UNLICENSED", or ' +
```

```
  "'SEE LICENSE IN <filename>'",
 ]
};

assert.deepEqual(
 valid('LicenseRef-Made-Up'),
 warningAboutLicenseRef
);

assert.deepEqual(
 valid('(MIT OR LicenseRef-Made-Up)'),
 warningAboutLicenseRef
);
```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```javascript
assert.deepEqual(
 valid('SEE
 LICENSE IN LICENSE.txt'),
 {
  validForNewPackages: true,
  validForOldPackages: true,
  inFile: 'LICENSE.txt'
 }
);

assert.deepEqual(
 valid('SEE LICENSE IN license.md'),
 {
  validForNewPackages: true,
  validForOldPackages: true,
  inFile: 'license.md'
 }
);
```

If there aren't any licensing terms, use `UNLICENSED`:

```javascript
var unlicensed = {
 validForNewPackages: true,
 validForOldPackages: true,
 unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```

assert.deepEqual(valid('UNLICENCED'), unlicensed);
```

# 1.316 readable-stream 2.3.8

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1.318 path-parse 1.0.7

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1.319 process-nextick-args 2.0.1

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1.320 spdx-expression-parse 3.0.1

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1.321 object-assign 4.1.1

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1.323 safer-buffer 2.1.2

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1.325 pify 3.0.0

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Mesa 3-D Graphics Library v21.0.3

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Ext headers       GL/glext.h            Khronos
                  GL/glxext.h           Khronos
                  GL/wglext.h           Khronos
                  KHR/khrplatform.h     Khronos

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

----
```

include/GL/gl.h :

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---
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include/GL/glxext.h
include/GL/wglxext.h :

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tree/README

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## ASM Bytecode Manipulation Framework v6.0

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the exclusion of warranty; and each file should have at least the
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<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

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when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License.
Of course, the
commands you use may be called something other than `show w' and `show
c'; they could even be mouse-clicks or menu items--whatever suits your
program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ($Config{usecrosscompile}) {
 skip_all("Not all files are available during cross-compilation");
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

Check that both copyright dates are up-to-date, but only if requested, so
that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
 my $current_year = (gmtime)[5] + 1900;
 is $v_year, $current_year, 'perl -v copyright includes current

```
 year';
 is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
 is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;


sub readme_year
# returns the latest copyright year from the top-level README file
{

 open my $readme, '<', '../README' or die "Opening README failed: $!";

 # The copyright message is the first paragraph:
 local $/ = '';
 my $copyright_msg = <$readme>;

 my ($year) = $copyright_msg =~ /.*\b(\d{4,})/s
    or die "Year not found in README copyright message '$copyright_msg'";

 $year;
}


sub v_year
# returns the latest copyright year shown in perl -v
{

 my $output = runperl switches => ['-v'];
 my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

 $year;
}
```

1.334 libpng 1.6.47

1.334.1 Available under license :

```
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```

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pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

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Repository: <git+https://github.com/josephfrazier/editorconfig-to-prettier.git>

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eslint-visitor-keys@v3.3.0

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Repository: <git://github.com/thlorenz/find-parent-dir.git>

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find-up@v4.1.0

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fs.realpath@v1.0.0

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get-stdin@v8.0.0

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glob@v7.2.3

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glob-parent@v5.1.2

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By: kael
Repository: <git@github.com:kaelzhang/node-ignore.git>

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By: kael
Repository: <git@github.com:kaelzhang/node-ignore.git>

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indexes-of@v1.0.1

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By: Dominic Tarr
Repository: <git://github.com/dominictarr/indexes-of.git>

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json-parse-even-better-errors@v2.3.1

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lines-and-columns@v1.2.4

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linguist-languages@v7.21.0

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parse-entities@v2.0.0

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parse-srcset@v1.0.2

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path-exists@v4.0.0

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please-upgrade-node@v3.2.0

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pseudomap@v1.0.2

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rimraf@v3.0.2

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rollup-plugin-node-polyfills@v0.2.1

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run-parallel@v1.2.0

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sdbm@v2.0.0

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semver@v6.3.0

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semver@v7.3.7

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shebang-command@v2.0.0

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wcwidth@v1.0.1

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Repository: <git+https://github.com/timoxley/wcwidth.git>

> wcwidth.js: JavaScript Portng of Markus Kuhn's wcwidth() Implementation
> ===
>
>

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The contributed BDF and PCF drivers come with a license similar to that of the X Window System. It is compatible to the above two licenses (see files `src/bdf/README` and `src/pcf/README`). The same holds for the source code files `src/base/fthash.c` and `include/freetype/internal/fthash.h`; they were part of the BDF driver in earlier FreeType versions.

The gzip module uses the zlib license (see `src/gzip/zlib.h`) which too is compatible to the above two licenses.

The files `src/autofit/ft-hb.c` and `src/autofit/ft-hb.h` contain code taken almost verbatim from the HarfBuzz file `hb-ft.cc`, which uses the 'Old MIT' license, compatible to the above two
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The MD5 checksum support (only used for debugging in development builds) is in the public domain.

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Found in path(s):
* /freetype-279-tar/freetype.TXT

1.339 cpp 12.3.0-1ubuntu1~22.04.2

1.339.1 Available under license :

This is the Debian GNU/Linux prepackaged version of the GNU compiler
collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C,
Objective-C++, and Modula-2 compilers, documentation, and support
libraries. In addition, Debian provides the gm2 compiler, either in
the same source package, or built from a separate same source package.
Packaging is done by the Debian GCC Maintainers
<debian-gcc@lists.debian.org>, with sources obtained from:

 ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
 svn://gcc.gnu.org/svn/gcc/   (for prereleases)
 ftp://sourceware.org/pub/newlib/   (for newlib)
 git://git.savannah.gnu.org/gm2.git   (for Modula-2)

The current gcc-12 source package is taken from the git gcc-12-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language,
library, and documentation as follows:

Language   Compiler package Library package   Documentation

Ada
          gnat-12   libgnat-12   gnat-12-doc
C   gcc-12   gcc-12-doc
C++   g++-12   libstdc++6   libstdc++6-12-doc
D   gdc-12
Fortran 95   gfortran-12   libgfortran5   gfortran-12-doc
Go   gccgo-12   libgo0
Objective C   gobjc-12   libobjc4
Objective C++ gobjc++-12
Modula-2   gm2-12   libgm2

For some language run-time libraries, Debian provides source files,
development files, debugging symbols and libraries containing position-
independent code in separate packages:

Language Sources   Development   Debugging   Position-Independent
----
C++   libstdc++6-12-dbg libstdc++6-12-pic
D   libphobos-12-dev

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-12-base
Base files common to all compilers
gcc-12-soft-float Software floating point (ARM only)
gcc-12-source The sources with patches

Ada:
libgnat-util12-dev, libgnat-util12 GNAT version library

C:
cpp-12, cpp-12-doc GNU C Preprocessor
libssp0-dev, libssp0 GCC stack smashing protection library
libquadmath0 Math routines for the __float128 type
fixincludes Fix non-ANSI header files

C, C++ and Fortran 95:
libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library
libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code,
Debian provides additional packages containing 32-bit versions of some
libraries. These packages have names beginning with 'lib32' instead of
'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which
can also run 64-bit code, Debian provides additional
packages with names
beginning with 'lib64' instead of 'lib'. These packages contain 64-bit
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  gcc/tsystem.h, gcc/typeclass.h).
- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
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ldexpq.c:
 * Conversion to long double by Ulrich Drepper,
 * Cygnus Support, drepper@cygnus.com.

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D:
gdc-12 GNU D Compiler
libphobos-12-dev D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
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The Zlib data compression library:
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The Phobos standard runtime library:
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1.340 sanitized-anchor-name 1.0.0

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1.341 go-connections 0.4.0

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1.342 errors 0.9.1

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a purpose that is entirely well-defined independent of the
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@item
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xwd v1.0.7

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CUP Parser Generator for Java v 0.11b

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1.350 javax-activation 2.1.3

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===
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
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+ trivial database library - standalone version

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-
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This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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#
This is a Makefile stub which handles the creation of BSD shared
libraries.
#
In order to use this stub, the following makefile variables must be defined.
#
BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce
BSDLIB_MYDIR = et
BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile

```
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the ss
command-line interface parsing library. It is currently
distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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libet and libss libraries for more information.

The most recent officially distributed version can be found at
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using the "WIP" test distributions or one from the hg or git
repository from the development branch, please contact me
(tytso@mit.edu)
 before you ship. The release schedules for this
package are flexible, if you give me enough lead time.

    Theodore Ts'o
    23-June-2007

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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1.354 prop-types 15.8.1

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1.355 is-plain-obj 1.1.0

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1.356 swagger-jaxrs2 2.1.2

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.jaxrs2
Bnd-LastModified: 1585747956629
Build-Jdk: 1.8.0_151
Built-By: frantuma
Bundle-Description: Sonatype helps open source projects to set up Mave
n repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-jaxrs2
Bundle-SymbolicName: io.swagger.core.v3.swagger-jaxrs2
Bundle-Version: 2.1.2
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.v3.jaxrs2;version="2.1.2";uses:="com.faster
xml.jackson.annotation,com.fasterxml.jackson.databind.introspect,io.s
wagger.v3.jaxrs2.ext,io.swagger.v3.oas.annotations,io.swagger.v3.oas.
annotations.parameters,io.swagger.v3.oas.annotations.responses,io.swa

gger.v3.oas.annotations.security,io.swagger.v3.oas.integration.api,io
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ax.ws.rs.core,javax.ws.rs.ext",io.swagger.v3.jaxrs2.ext;version="2.1.
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ion="[2.1,3)",io.swagger.v3.oas.models.tags;version="[2.1,3)",javax.s

ervlet;version="[4.0,5)",javax.servlet.http;version="[4.0,5)",org.apa
che.commons.lang3;version="[3.7,4)",org.apache.commons.lang3.tuple;ve
rsion="[3.7,4)",org.slf4j;version="[1.7,2)"
mode: development
package: io.swagger
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501
url: https://github.com/swagger-api/swagger-core/modules/swagger-jaxrs
2

Found in path(s):
* /swagger-jaxrs2-2-1-2-jar/META-INF/MANIFEST.MF

1.357 @mapbox/polyline 1.1.1

1.357.1 Available under license :

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1.358 fdisk 2.31.1

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1.365 py3-progress 1.5-r0

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1.366 scala 2.11.11

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```
/**
  * Latch used to implement waiting on a DefaultPromise's result.
  *
  * Inspired by: http://gee.cs.oswego.edu/cgi-
bin/viewcvs.cgi/jsr166/src/main/java/util/concurrent/locks/AbstractQueuedSynchronizer.java
  * Written by Doug Lea with assistance from members of JCP JSR-166
  * Expert Group and released to the public domain, as explained at
  * http://creativecommons.org/publicdomain/zero/1.0/
  */
```

Found in path(s):
* /scala-library-2-11-11-sources-jar/scala/concurrent/impl/Promise.scala
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```
/**
*
* A `ClassTag[T]` stores the erased class of a given type `T`, accessible via the `runtimeClass`
* field. This is particularly useful for instantiating `Array`s whose element types are unknown
* at compile time.
*
* `ClassTag`s are a weaker special case of [[scala.reflect.api.TypeTags#TypeTag]]s, in that they
* wrap only the runtime class of a given type, whereas a `TypeTag` contains all static type
* information. That is, `ClassTag`s are constructed from knowing only the top-level class of a
* type, without necessarily knowing all of its argument types. This runtime information is enough
* for runtime `Array` creation.
*
* For example:
* {{{
*   scala> def mkArray[T : ClassTag](elems: T*) = Array[T](elems: _*)
*   mkArray: [T](elems: T*)(implicit evidence$1: scala.reflect.ClassTag[T])Array[T]
*
*   scala> mkArray(42, 13)
*   res0: Array[Int] = Array(42, 13)
*
*   scala> mkArray("Japan","Brazil","Germany")
 *   res1: Array[String] = Array(Japan, Brazil, Germany)
* }}}
*
* See [[scala.reflect.api.TypeTags]] for more examples, or the
* [[http://docs.scala-lang.org/overviews/reflection/typetags-manifests.html Reflection Guide: TypeTags]]
* for more details.
*
*/
```

Found in path(s):

* /scala-library-2-11-11-sources-jar/scala/reflect/ClassTag.scala

1.367 color-string 1.9.1

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1.368 vcs 1.13.1

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1.369 d3-timer 3.0.1

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1.370 websocket-client 9.4.18.v20190429

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.371 mawk 1.3.3-17ubuntu3

1.372 usrmerge 25ubuntu2

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1.373 trim-newlines 3.0.1

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1.374 musl 1.1.24-r10

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"HPND-sell-variant",
"HTMLTIDY",
"HaskellReport",
"Hippocratic-2.1",
"IBM-pibs",
"ICU",
"IJG",
"IPA",
"IPL-1.0",
"ISC",
"ImageMagick",
"Imlib2",
"Info-ZIP",
"Intel",
"Intel-ACPI",
"Interbase-1.0",
"JPNIC",
"JSON",
"JasPer-2.0",
"LAL-1.2",
"LAL-1.3",
"LGPL-2.0-only",

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"LGPL-2.1-only",
"LGPL-2.1-or-later",
"LGPL-3.0-only",
"LGPL-3.0-or-later",
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"LPPL-1.0",
"LPPL-1.1",
"LPPL-1.2",
"LPPL-1.3a",
"LPPL-1.3c",
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"Leptonica",
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"LiLiQ-R-1.1",
"LiLiQ-Rplus-1.1",
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"psfrag",
"psutils",
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"xpp",
"zlib-acknowledgement"
]
spdx-license-ids

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Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/main/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm/):

```
npm install spdx-license-ids
```

[Node.js](https://nodejs.org/) API

require('spdx-license-ids')

Type: `string[]`

All license IDs except for the currently deprecated ones.

```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]

ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=>
 true

ids.includes('GPL-3.0'); //=> false
```

require('spdx-license-ids/deprecated')

Type: `string[]`

Deprecated license IDs.

```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]

deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false

deprecatedIds.includes('GPL-3.0'); //=> true
```

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1.376 pam 1.1.8-3.6ubuntu2.18.04.2

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1.377 x-text 0.3.7

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1.378 distro 1.5.0

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1.379 py3-pep 0.8.2-r0

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1.380 hosted-git-info 2.8.9

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1.381 urllib3 1.26.8

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1.382 pflag 1.0.3

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1.383 tre 0.8.0

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1.384 d3-color 3.1.0

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1.385 bean-validation-api 2.0.1.Final

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1.386 ncurses 6.3-2ubuntu0.1

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Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.10 2021/01/01 09:54:30 tom Exp $
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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.387 oniguruma 6.9.5-r2

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*
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*
* Hosted at: https://github.com/classgraph/classgraph
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/PhysicalZipFile.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ClassFieldCache.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ObjectTypedValueWrapper.java
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* /classgraph-4-8-65-sources-jar/io/github/classgraph/ScanResult.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/StringUtils.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/TypeResolutions.java

* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassGraphClassLoader.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ArrayClassInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/JarUtils.java
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* /classgraph-4-8-65-sources-jar/io/github/classgraph/PackageInfoList.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/TypeArgument.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/FallbackClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONObject.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodInfoList.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/Join.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/types/ParseException.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/FileUtils.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/URLClassLoaderHandler.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassRefOrTypeVariableSignature.java
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* /classgraph-4-8-65-sources-
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/NestedJarHandler.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClassLoaderFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClasspathElementZip.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/HierarchicalTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ReferenceEqualityKey.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/types/Parser.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/TypeParameter.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/scanspec/ScanSpec.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandlerRegistry.java

* /classgraph-4-8-65-sources-jar/io/github/classgraph/ArrayTypeSignature.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/GraphvizDotfileGenerator.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ModulePathInfo.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/VersionFinder.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassGraphException.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/RecycleOnClose.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassRefTypeSignature.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/ParameterizedTypeImpl.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONArray.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/utils/CollectionUtils.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fastzipfilereader/LogicalZipFile.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/MethodParameterInfo.java
* /classgraph-4-8-65-sources-jar/io/github/classgraph/ClassTypeSignature.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/Recycler.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/recycler/Resettable.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/json/JSONUtils.java
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* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/ArraySlice.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessFileReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessArrayReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/Slice.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/SequentialReader.java
* /classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessByteBufferReader.java
*
/classgraph-4-8-65-sources-jar/nonapi/io/github/classgraph/fileslice/reader/ClassfileReader.java
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1.389 brotli 1.0.9-2build6

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1.394 libtasn 4.13-2

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This gmp package was built for Debian by

Steve M. Robbins <smr@debian.org>
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1.397 attr 2.4.48-r0

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1.398 python-certifi 2021.10.08

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This is a bundle of X.509 certificates of public Certificate Authorities
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file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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1.399 asap 2.0.6

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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.

In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
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1.406 libxcb 1.14-3ubuntu3

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string
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```
package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
// GitHub API docs: http://developer.github.com/v3/pulls/
type LicensesService struct {
 client *Client
}

// License represents an open source license.
type License struct {
 Key  *string `json:"key,omitempty"`
 Name *string `json:"name,omitempty"`
 URL  *string `json:"url,omitempty"`

 HTMLURL        *string   `json:"html_url",omitempty`
 Featured       *bool     `json:"featured,omitempty"`
 Description    *string   `json:"description,omitempty"`
 Category       *string   `json:"category,omitempty"`
 Implementation *string   `json:"implementation,omitempty"`
 Required       *[]string `json:"required,omitempty"`
 Permitted      *[]string `json:"permitted,omitempty"`
 Forbidden
     *[]string `json:"forbidden,omitempty"`
 Body           *string   `json:"body,omitempty"`
}
```

```
func (l License) String() string {
 return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 licenses := new([]License)
 resp, err := s.client.Do(req, licenses)
 if err != nil {
  return nil, resp, err
 }

 return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s",
 licenseName)

 req, err := s.client.NewRequest("GET", u, nil)
 if err != nil {
  return nil, nil, err
 }

 // TODO: remove custom Accept header when this API fully launches
 req.Header.Set("Accept", mediaTypeLicensesPreview)

 license := new(License)
 resp, err := s.client.Do(req, license)
 if err != nil {
  return nil, resp, err
 }

 return license, resp, err
}
```

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package github

import (
 "fmt"
 "net/http"
 "reflect"
 "testing"
)
```

```
func TestLicensesService_List(t *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
 })

 licenses, _, err := client.Licenses.List()
 if err != nil {
  t.Errorf("Licenses.List returned error: %v", err)
 }

 want := []License{License{
  Key:  String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
 }}
 if !reflect.DeepEqual(licenses, want) {
  t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
 }
}

func TestLicensesService_Get(t
 *testing.T) {
 setup()
 defer teardown()

 mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
  testMethod(t, r, "GET")
  testHeader(t, r, "Accept", mediaTypeLicensesPreview)
  fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
 })

 license, _, err := client.Licenses.Get("mit")
 if err != nil {
  t.Errorf("Licenses.Get returned error: %v", err)
 }

 want := &License{Key: String("mit"), Name: String("MIT")}
 if !reflect.DeepEqual(license, want) {
  t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
 }
}
```

```
func TestLicensesService_Get_invalidTemplate(t *testing.T) {
 _, _, err := client.Licenses.Get("%")
 testURLParseError(t, err)
}
```

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1.417 go-md2man 2.0.0

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1.418 alpine-keys 2.4-r0

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1.421 spf13-pflag 1.0.5

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1.422 kustomize 2.0.3+incompatible

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// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL string `json:"url,omitempty"`
}
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Protocol Buffers for Go with Gadgets

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1.423 jul-to-slf4j 1.7.26

1.424 sed 4.8-1ubuntu2

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1.430 got 8.3.2

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1.431 phosphor-react 1.4.1

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{"version":3,"file":"Copyright.esm.js","sources":["../../src/icons/Copyright.tsx"],"sourcesContent":["/* GENERATED FILE */\nimport React, { forwardRef } from \"react\";\n\nimport {\n IconWeight,\n IconProps,\n PaintFunction,\n renderPathForWeight,\n} from \"../lib\";\nimport IconBase, { RenderFunction } from \"../lib/IconBase\";\n\nconst pathsByWeight = new Map<IconWeight, PaintFunction>();\n\npathsByWeight.set(\"bold\", (color: string) => (\n <>\n <circle\n cx=\"128\"\n cy=\"128\"\n r=\"96\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"24\"\n />\n <path\n d=\"M160,152a40,40,0,1,1,0-48\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"24\"\n />\n </>\n));\n\npathsByWeight.set(\"duotone\", (color: string) => (\n <>\n <circle cx=\"128\" cy=\"128\" r=\"96\" opacity=\"0.2\" />\n <circle\n cx=\"128\"\n cy=\"128\"\n r=\"96\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"16\"\n />\n <path\n d=\"M160,152a40,40,0,1,1,0-48\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"16\"\n />\n </>\n));\n\npathsByWeight.set(\"fill\", () => (\n <>\n <path d=\"M128,20A108,108,0,1,0,236,128,108.1,108.1,0,0,0,128,20Zm0,196a88,88,0,1,1,88-88A88.1,88.1,0,0,1,128,216Zm0-160a72,72,0,1,0,72,72A72.1,72.1,0,0,0,128,56Zm0,104a31.8,31.8,0,0,0,25.6-12.8,8.1,8.1,0,0,1,11.2-1.6,8,8,0,0,1,1.6,11.2,48,48,0,1,1,0-57.6,8,8,0,0,1-1.6,11.2,8.1,8.1,0,0,1-11.2-1.6A32,32,0,1,0,128,160Z\" />\n </>\n));\n\npathsByWeight.set(\"light\", (color: string) => (\n <>\n <circle\n cx=\"128\"\n cy=\"128\"\n r=\"96\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"12\"\n />\n <path\n d=\"M160,152a40,40,0,1,1,0-48\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"12\"\n />\n </>\n));\n\npathsByWeight.set(\"thin\", (color: string) => (\n <>\n <circle\n cx=\"128\"\n cy=\"128\"\n r=\"96\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"8\"\n />\n <path\n d=\"M160,152a40,40,0,1,1,0-48\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"8\"\n />\n </>\n));\n\npathsByWeight.set(\"regular\", (color: string) => (\n <>\n <circle\n cx=\"128\"\n cy=\"128\"\n r=\"96\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"16\"\n />\n <path\n d=\"M160,152a40,40,0,1,1,0-48\"\n fill=\"none\"\n stroke={color}\n strokeLinecap=\"round\"\n strokeLinejoin=\"round\"\n strokeWidth=\"16\"\n />\n </>\n));\n\nconst renderPath: RenderFunction = (weight: IconWeight, color: string) =>\n renderPathForWeight(weight, color, pathsByWeight);\n\nconst Copyright = forwardRef<SVGSVGElement, IconProps>((props, ref) => (\n <IconBase ref={ref} {...props} renderPath={renderPath} />\n));\n\nCopyright.displayName = \"Copyright\";\n\nexport default Copyright;\n"],"names":["pathsByWeight","Map","set","color","React","cx","cy","r","fill","stroke","strokeLinecap","strokeLinejoin","strokeWidth","d","opacity","renderPath","weight","renderPathForWeight","Copyright","forwardRef","props","ref","IconBase","displayName"],"mappings":";;;;AAAA;AAAW,IAAAA,MAAA,GAAAC,GAAA,CAAAC,GAAA,CAAAC,KAAA,EAAAC,KAAA,CAAAC,KAAA,EAAAC,EAAA,EAAAC,EAAA,EAAAC,CAAA,EAAAC,IAAA,EAAAC,MAAA,EAAAC,aAAA,EAAAC,cAAA,EAAAC,WAAA,EAAAC,CAAA,EAAAC,OAAA,EAAAC,UAAA,EAAAC,MAAA,EAAAC,mBAAA,EAAAC,SAAA,EAAAC,UAAA,EAAAC,KAAA,EAAAC,GAAA,EAAAC,QAAA,EAAAC,WAAA;AAAA,IAAAC

AC;AACHC,IAAAA,EAAE,EAAC;AACHC,IAAAA,CAAC,EAAC;AACFC,IAAAA,IAAI,EAAC;AACLC,IAAAA,MAAM,EAAEN;AACRO,IAAAA,aAAa,EAAC;AACdC,IAAAA,cAAc,EAAC;AACfC,IAAAA,WAAW,EAAC;GARd,CAFF,EAYER,mBAAA,OAAA;AACES,IAAAA,CAAC,EAAC;AACFL,IAAAA,IAAI,EAAC;AACLC,IAAAA,MAAM,EAAEN;AACRO,IAAAA,aAAa,EAAC;AACdC,IAAAA,cAAc,EAAC;AACfC,IAAAA,WAAW,EAAC;GANd,CAZF,CAD2B;AAAA,SACzBC,mBAAA,eAAA,MAAA,EAAAC,mBAAA,OAAA;AAAMC,IAAAA,CAAC,EAAC;AACFC,IAAAA,IAAI,EAAC;AACLC,IAAAA,MAAM,EAAEN;AACRO,IAAAA,aAAa,EAAC;AACdC,IAAAA,cAAc,EAAC;AACfC,IAAAA,WAAW,EAAC;GAAAA,CAAAA,CAAAA,C

```
    r="96"
    fill="none"
    stroke={color}
    strokeLinecap="round"
    strokeLinejoin="round"
    strokeWidth="24"
   />
   <path
    d="M160,152a40,40,0,1,1,0-48"
    fill="none"
    stroke={color}
    strokeLinecap="round"
    strokeLinejoin="round"
    strokeWidth="24"
   />
  </>
));

pathsByWeight.set("duotone", (color: string) => (
  <>
   <circle cx="128" cy="128" r="96" opacity="0.2" />
   <circle
    cx="128"
    cy="128"
    r="96"
    fill="none"
    stroke={color}
    strokeLinecap="round"
    strokeLinejoin="round"
    strokeWidth="16"
   />
   <path

  d="M160,152a40,40,0,1,1,0-48"
    fill="none"
    stroke={color}
    strokeLinecap="round"
    strokeLinejoin="round"
    strokeWidth="16"
   />
  </>
));

pathsByWeight.set("fill", () => (
  <>
   <path d="M128,20A108,108,0,1,0,236,128,108.1,108.1,0,0,0,128,20Zm0,196a88,88,0,1,1,88-
88A88.1,88.1,0,0,1,128,216Zm0-160a72,72,0,1,0,72,72A72.1,72.1,0,0,0,128,56Zm0,104a31.8,31.8,0,0,0,25.6-
12.8,8.1,8.1,0,0,1,11.2-1.6,8,8,0,0,1,1.6,11.2,48,48,0,1,1,0-57.6,8,8,0,0,1-1.6,11.2,8.1,8.1,0,0,1-11.2-
```

```
1.6A32,32,0,1,0,128,160Z" />
 </>
));

pathsByWeight.set("light", (color: string) => (
 <>
  <circle
   cx="128"
   cy="128"
   r="96"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="12"
  />
  <path
   d="M160,152a40,40,0,1,1,0-48"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="12"
  />
 </>
));

pathsByWeight.set("thin", (color: string)
 => (
 <>
  <circle
   cx="128"
   cy="128"
   r="96"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="8"
  />
  <path
   d="M160,152a40,40,0,1,1,0-48"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="8"
  />
```

```
 </>
));

pathsByWeight.set("regular", (color: string) => (
 <>
  <circle
   cx="128"
   cy="128"
   r="96"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="16"
  />
  <path
   d="M160,152a40,40,0,1,1,0-48"
   fill="none"
   stroke={color}
   strokeLinecap="round"
   strokeLinejoin="round"
   strokeWidth="16"
  />
 </>
));

const renderPath: RenderFunction = (weight: IconWeight, color: string) =>
 renderPathForWeight(weight, color, pathsByWeight);

const Copyright = forwardRef<SVGSVGElement, IconProps>((props, ref) => (
 <IconBase
 ref={ref} {...props} renderPath={renderPath} />
));

Copyright.displayName = "Copyright";

export default Copyright;
```

1.432 jakarta-ws-rs-api 2.1.6

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```
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* https://github.com/eclipse-ee4j/jaxrs-api

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1.433 read-pkg-up 7.0.1

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1.434 httpclient-cache 4.5.3

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1.435 glob 0.2.3

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1.436 containerd 1.3.2

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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1.440 meow 6.1.1

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1.443 dash 0.5.11+git20210903+057cd650a4ed-3build1

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1.444 bzip2 1.0.6-8.1ubuntu0.2

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1.445 react-router 6.21.0

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1.446 libxrender 1:0.9.10-1build4

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1.447 html5lib 1.0.1

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1.448 find-up 4.1.0

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1.450 py3-retrying 1.3.3-r0

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1.453 commons-lang3 3.2.1

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1.459 is-core-module 2.6.0

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1.460 zstd 1.4.8+dfsg-3build1

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1.475 query-string 5.1.1

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1.476 swagger-models 2.1.2

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Found in path(s):
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/Schema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/security/OAuthFlows.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/headers/Header.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/callbacks/Callback.java
*
/swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/MapSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/links/Link.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/PathItem.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/Content.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/responses/ApiResponse.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/ByteArraySchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/parameters/PathParameter.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/Encoding.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/examples/Example.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/ObjectSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/Operation.java

* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/BinarySchema.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/OpenAPI.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/PasswordSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/ExternalDocumentation.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/NumberSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/DateTimeSchema.java
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 /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/Paths.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/parameters/CookieParameter.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/parameters/RequestBody.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/security/SecurityRequirement.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/servers/ServerVariable.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/security/Scopes.java
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 /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/ComposedSchema.java
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* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/FileSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/DateSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/servers/Server.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/StringSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/UUIDSchema.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/Components.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/security/OAuthFlow.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/parameters/HeaderParameter.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/XML.java
* /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/media/MediaType.java
*
 /swagger-models-2-1-2-sources-jar/io/swagger/v3/oas/models/info/Contact.java

1.477 libcap-ng 0.7.7-3.1

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1.483 react-lifecycles-compat 3.0.4

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A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.488 docker-credential-helpers 0.6.3

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1.489 chalk 2.4.2

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1.490 sqlite 3.32.1-r1

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1.491 btree 1.0.0

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1.492 d3-axis 3.0.0

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1.494 from2 2.3.0

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1.495 libffi 3.2.1-8

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1.496 commons-lang3 2.6

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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 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.
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a)
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will
operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) 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.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that
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normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on

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1.500 py3-html5lib 1.0.1-r4

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1.501 libnsl 1.3.0-2build2

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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 linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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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 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.)

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Found in path(s):
* /fis-components-core-util-is-1-0-2-0-gb94b22f-tar-gz/fis-components-core-util-is-5917000/lib/util.js

1.505 x-text 0.3.2

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1.507 hk2-api 2.6.1

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1.508 zlib 1.2.11-r3

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1.510 jmespath 1.0.0

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1.511 react-router 5.3.3

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1.512 @mapbox/fusspot 0.4.0

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1.513 protobuf 1.3.2

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1.514 gojsonschema 1.1.0

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1.515 profiler 1.0.2

1.516 inf 0.9.1

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1.517 pep517 0.8.2

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1.519 @types/minimist 1.2.2

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1.520 @types/normalize-package-data 2.4.1

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1.521 duplexer3 0.1.4

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1.522 gnutls 3.5.18-1ubuntu1.4

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1.529 py3-contextlib 0.6.0-r0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.
In October of the same
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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
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1.530 libsepol 2.7-1

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d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

1.531 modern-go-concurrent 0.0.0-20180306012644-bacd9c7ef1dd

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1.532 gogo-protobuf 1.3.1

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Go support for Protocol Buffers - Google's data interchange format

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1.533 debianutils 4.8.4

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1.534 libgpg-error 1.27-6

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1.535 jersey-common 2.34

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.541 snake-yaml 2.2

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*/

Found in path(s):
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/Mark.java

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
*
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Node.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/YAMLException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/Event.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/Yaml.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
*
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/Composer.java
*
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/internal/Logger.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/Property.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java
*

/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
*
/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Production.java
*
/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Represent.java
*
/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/DumperOptions.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Parser.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
*
/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Representer.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/TypeDescription.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
*
/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/Token.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
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* /snakeyaml-2-2-sources-

jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /snakeyaml-2-2-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
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/**
* A Base64 encoder/decoder.
*
* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: www.
* source-code.biz/base64coder/java
* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland
* Multi-licensed: EPL / LGPL / GPL / AL / BSD.
*/

Found in path(s):
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

1.542 selinux 2.7-2build2

1.542.1 Available under license :

This is the Debian packe for libselinux, and it is built from sources obtained from:
http://userspace.selinuxproject.org/trac/wiki/Releases

This package was debianized by Colin Walters <walters@debian.org> on
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In addition, The Debian specific package was modified to include an
excerpt from the GNU libc package in the file
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This package is maintained by Manoj Srivastava <srivasta@debian.org>.

The Debian specific changes are 2005, 2006, Manoj Srivastava

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<URL:http://www.gnu.org/copyleft/gpl.html>. You may also obtain
it by writing to the Free Software Foundation, Inc., 51 Franklin
St, Fifth
Floor, Boston, MA 02110-1301, USA.

Manoj Srivastava <srivasta@debian.org>
arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

1.543 nghttp2 1.41.0-r0

1.543.1 Available under license :

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1.548 pytoml 0.1.21

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1.552 @popperjs/core 2.11.8

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1.553 config 1.3.1

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1.554 python-certifi 2020.4.5.1

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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.555 opentracing-api 0.31.0

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1.558 akka 2.5.6

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1.560 d3-time-format 4.1.0

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1.561 gorp 1.7.2

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1.567 apt 1.6.12ubuntu0.2

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1.568 go-colorable 0.0.9

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1.569 jedis 4.4.0-m2

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1.571 attr 1:2.5.1-1build1

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==========

Fetch for node and Browserify. Built on top of [GitHub's WHATWG Fetch polyfill](https://github.com/github/fetch).

Warnings

- This adds `fetch` as a global so that its API is consistent between client and server.
- You must bring your own ES6 Promise compatible polyfill, I suggest [es6-promise](https://github.com/jakearchibald/es6-promise).

For [ease-of-maintenance and backward-compatibility reasons][why polyfill], this library will always be a polyfill. As a "safe" alternative, which does not modify the global, consider [fetch-ponyfill][].

[why polyfill]: https://github.com/matthew-andrews/isomorphic-fetch/issues/31#issuecomment-149668361
[fetch-ponyfill]: https://github.com/qubyte/fetch-ponyfill

Installation

NPM

```sh
npm
 install --save isomorphic-fetch es6-promise
```

Bower

```sh
bower install --save isomorphic-fetch es6-promise
```

Usage

```js
require('es6-promise').polyfill();
require('isomorphic-fetch');

fetch('//offline-news-api.herokuapp.com/stories')
 .then(function(response) {
  if (response.status >= 400) {
   throw new Error("Bad response from server");
  }
```

```
 return response.json();
})
.then(function(stories) {
 console.log(stories);
});
```

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1.573 metrics 4.1.0

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1.575 libsemanage-common 2.7-2build2

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1.576 kubernetes-klog 1.0.0

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1.577 cdebconf 0.261ubuntu1

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1.578 tre 0.8.0-r2

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1.579 go-isatty 0.0.4

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1.580 redux-devtools-extension 2.13.9

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1.582 base-passwd 3.5.44

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1.583 gson 2.10.1

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Manifest-Version: 1.0
Created-By: 11.0.16.1 (Azul Systems, Inc.)
Build-Jdk-Spec: 11
Bnd-LastModified: 1673019830620
Bundle-ContactAddress: https://github.com/google/gson
Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://w
ww.google.com"
Bundle-DocURL: https://github.com/google/gson/gson
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICEN
SE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:g
it:https://github.com/google/gson.git/gson",developer-connection="scm:g
it:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.googl

e.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.
10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;v
ersion="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotation
s
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

Found in path(s):
* /gson-2-10-1-jar/META-INF/MANIFEST.MF

1.584 chardet 3.0.4

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1.585 alsa 1.2.6.1-1ubuntu1

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1.594 amqp-client 5.8.0

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%% winjs version 4.4.0 (https://github.com/winjs/winjs)
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1.605 zlib 1:1.2.11.dfsg-2ubuntu9.2

1.605.1 Available under license :

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

/* gun.c -- simple gunzip to give an example of the use of inflateBack()
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
Version 1.7 12 August 2012 Mark Adler */

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
No license file was found, but licenses were detected in source scan.

/* gzwrite.c -- zlib functions for writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c
No license file was found, but licenses were detected in source scan.

/* inffast.h -- header to use inffast.c
* Copyright (C) 1995-2003, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
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Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html
No license file was found, but licenses were detected in source scan.

/* unzip.c -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

      Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

      Modifications of Unzip for Zip64
      Copyright (C) 2007-2008 Even Rouault

      Modifications for Zip64 support on both zip and unzip
      Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

      For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of
compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

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See the accompanying
file LICENSE, version 2000-Apr-09 or later
(the contents of which are also included in zip.h) for terms of use.
If, for some reason, all these files are missing, the Info-ZIP license
also may be found at: ftp://ftp.info-zip.org/pub/infozip/license.html

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the
non-echoing password parts) were originally written in Europe. The
whole source package can be freely distributed, including from the USA.
(Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from
Roger Schlafly, described by Phil Katz in the file appnote.txt. This
file (appnote.txt) is distributed with the PKZIP program (even in the
version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).
Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF
Oct-2009 - Mathias Svensson - Applied some bug fixes from paches recived from Gilles Vollant
Oct-2009 - Mathias Svensson - Applied support to unzip files with compression mathod
BZIP2 (bzip2 lib is required)
Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c
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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3
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Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c
No license file was found, but licenses were detected in source scan.

/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c
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/* gzlog.h
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
version 2.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h
No license file was found, but licenses were detected in source scan.

/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h
No license file was found, but licenses were detected in source scan.

/* zip.h -- IO on .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

      Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

      Modifications for Zip64 support
      Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

      For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h
No license file was found, but licenses were detected in source scan.

/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
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/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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Mark Adler   madler@alumni.caltech.edu
*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c
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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is
thread safe. 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).

All functions of the compression library are documented in the file zlib.h
(volunteer to write man pages welcome, contact zlib@gzip.org). A usage example
of the library is given in the file test/example.c which also tests that
the library is working correctly. Another example is given in the file
test/minigzip.c. The compression library itself is composed of all source
files in the root directory.

To compile all files and run the test program, follow the instructions given at
the top of Makefile.in. In short "./configure; make test", and if that goes
well, "make install" should work
for most flavors of Unix. For Windows, use
one of the special makefiles in win32/ or contrib/vstudio/ . For VMS, use
make_vms.com.

Questions about zlib should be sent to <zlib@gzip.org>, or to Gilles Vollant

<info@winimage.com> for the Windows DLL version. The zlib home page is
http://zlib.net/ . Before reporting a problem, please check this site to
verify that you have the latest version of zlib; otherwise get the latest
version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997
issue of Dr. Dobb's Journal; a copy of the article is available at
http://marknelson.us/1997/01/01/zlib-engine/ .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at
http://java.sun.com/developer/technicalArticles/Programming/compression/
.

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available
at CPAN (Comprehensive Perl Archive Network) sites, including
http://search.cpan.org/~pmqs/IO-Compress-Zlib/ .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is
available in Python 1.5 and later versions, see
http://docs.python.org/library/zlib.html .

zlib is built into tcl: http://wiki.tcl.tk/4610 .

An experimental package to read and write files in .zip format, written on top
of zlib by Gilles Vollant <info@winimage.com>, is available in the
contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt

- For 64-bit Irix, deflate.c must be compiled without any optimization. With
-O, one libpng test fails. The test works in 32 bit mode (with the -n32
compiler flag). The compiler bug has been reported to SGI.

- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under
OSF/1 2.1 it works
when compiled with cc.

- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is
necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.

- gzdopen is not supported on RISCOS or BEOS.

- For PalmOs, see http://palmzlib.sourceforge.net/

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read

the FAQ for more information on the distribution of modified source versions.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README
No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size
  Not copyrighted -- provided to the public domain
  Version 1.1 25 November 2004 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c
No license file was found, but licenses were detected in source scan.

/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c
No license file was found, but licenses were detected in source scan.

/* inftrees.h -- header to use inftrees.c
* Copyright (C) 1995-2005, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h
No license file was found, but licenses were detected in source scan.

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

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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).
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h
No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
No license file was found, but licenses were detected in source scan.

/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state
* Copyright (C) 1995-2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h
No license file was found, but licenses were detected in source scan.

/* minigzip.c -- simulate gzip using the zlib compression library

* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c
No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c
No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c
No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library
* Copyright (C) 1995-2017 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library
* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c
No license file was found, but licenses were detected in source scan.

/*
 Additional tools for Minizip
 Code: Xavier Roche '2004
 License: Same as ZLIB (www.gzip.org)
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c
No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (http://www.winimage.com/zLibDll/minizip.html)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64
support for unzip.c into minizip for a open source project called gdal (http://www.gdal.org/)

That was used as a starting point. And after that ZIP64 support was added to zip.c
some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1
---
* Added ZIP64 support for unzip (by Even Rouault)

* Added ZIP64 support for zip (by Mathias Svensson
)
* Reverted some changed that Even Rouault did.
* Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
* Added BZIP Compress method for zip
* Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout http://result42.com/projects/ZipFileLayout
Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note http://www.pkware.com/documents/casestudies/APPNOTE.TXT
Zip File specification

Notes.
* To be able to use BZip compression method in
 zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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 appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may
not be removed or altered from any source distribution.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt
No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
No license file was found, but licenses were detected in source scan.

/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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   appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

      Changes

      See header of unzip64.c

*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h
No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access
* Copyright (C) 2005, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c
No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream
* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h
*
* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
* tables for updating the shift register in one step with three exclusive-ors
* instead of four steps with four exclusive-ors. This results in about a
* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* adler32.c -- compute the Adler-32 checksum of a data stream
* Copyright (C) 1995-2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c
No license file was found, but licenses were detected in source scan.

/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
No license file was found, but licenses were detected in source scan.

/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h
No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()
  Not copyrighted -- provided to the public domain
  Version 1.4 11 December 2005 Mark Adler */

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c
No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

Copyright (C) 2003, 2012 Mark Adler, all rights reserved
version 1.2, 11 Oct 2012

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   misrepresented as being the original software.
3. This notice may not be
removed or altered from any source distribution.

Mark Adler   madler@alumni.caltech.edu
*/

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c
No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page
http://zlib.net/ which may have more recent information.
The lastest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

   Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

   The zlib sources can be compiled without change to produce a DLL. See the
   file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the
   precompiled DLL are found in the zlib web site at http://zlib.net/ .

3. Where can I get a Visual Basic interface to zlib?

See
    * http://marknelson.us/1997/01/01/zlib-engine/
    * win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual
Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU
autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org . Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

    example.o(.text+0x154): undefined reference to `gzputc'

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or /usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12.
Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

make distclean
./configure
make

14. How do I install a shared zlib library on Unix?

After the above, then:

make install

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can #include <zlib.h>, it's there. The -lz option will probably link to it. You can check the version at the top of zlib.h or with the ZLIB_VERSION symbol defined in zlib.h .

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.
Can zlib decode Flate data in an Adobe PDF file?

Yes. See http://www.pdflib.com/ . To modify PDF forms, see http://sourceforge.net/projects/acroformtool/ .

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so: symbol __register_frame_info: referenced symbol not found

The symbol __register_frame_info is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See http://www.sunfreeware.com for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible with the gzip format. The gz* functions in zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using deflateInit2(). You can also request that inflate decode the gzip format using inflateInit2(). Read zlib.h for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's gz* functions use stdio library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's *Init* functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in zlib.h.

23. Is zlib under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the ZLIB_VERSION and ZLIB_VERNUM #defines in zlib.h. In particular, the final version number needs to be changed to "f", and an identification string should be appended to ZLIB_VERSION. Version numbers x.x.x.f are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in zlib.h you should change ZLIB_VERNUM to 0x123f, and ZLIB_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and inftrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB_VERSION and ZLIB_VERNUM and note the origin and nature of the changes in zlib.h as you would for a full source distribution.

25.
Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use Z_FULL_FLUSH, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be
careful to not use Z_FULL_FLUSH too often, since it
can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See examples/zran.c .

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

http://www.gzip.org/#faq11

32. Can zlib work
with greater than 4 GB of data?

Yes. inflate() and deflate() will process any amount of data correctly. Each call of inflate() or deflate() is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the strm.total_in and strm_total_out counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by inflate() or deflate(). The application can easily set up its own counters updated after each call of inflate() or deflate() to count beyond 4 GB. compress() and uncompress() may be limited to 4 GB, since they operate in a

single call. gzseek() and gztell() may be limited to 4 GB depending on how zlib is compiled. See the zlibCompileFlags() function in zlib.h.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is
32 bits. If the compiler's "long" type is
64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in gzprintf(). If zlib is compiled to use sprintf() or vsprintf(), then there is no protection against a buffer overflow of an 8K string space (or other value as set by gzbuffer()), other than the caller of gzprintf() assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use snprintf() or vsnprintf(), which should normally be the case, then there is no vulnerability. The ./configure script will display warnings if an insecure variation of sprintf() will be used by gzprintf(). Also the zlibCompileFlags() function will return information on what variant of sprintf() is used by gzprintf().

If you don't have snprintf() or vsnprintf() and would like one, you can find a portable implementation here:

http://www.ijs.si/software/snprintf/

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the java.util.zip package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: http://zlib.net/ .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always
works.

36. Valgrind (or some similar memory access checker) says that deflate is

performing a conditional jump that depends on an uninitialized value.
Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption,
use GnuPG, http://www.gnupg.org/ , which already includes zlib compression. For PKZIP compatible "encryption", look at http://www.info-zip.org/

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an
unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.
Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

1.606 py3-pip 20.1.1-r0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes

2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
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2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
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http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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1.608 python-dateutil 2.8.2

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* /swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/security/SecurityRequirements.java
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*
 /swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/links/LinkParameter.java
* /swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/parameters/RequestBody.java
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*
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1.610 sensible-utils 0.0.12

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1.611 slf4j 1.7.7

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1.612 jackson-jaxrs 2.13.4

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1.613 py3-six 1.15.0-r0

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1.614 mergo 0.3.8

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import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string
  author: root

1.615 python-certifi 2020.04.05.1

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.616 libtls-standalone 2.9.1-r1

1.616.1 Available under license :

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1.617 lann-ps 0.0.0-20150810152359-62de8c46ede0

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1.618 libgpg-error 1.43-3

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
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code or patches to this implementation of sudo since I began
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you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt

Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
ek, Vtzslav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.

Henke, Joachim
Hideaki, YOSHIFUJI
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Pele Jorge, Joel
Juhani, Timo
KIKUCHI, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Marchionna, Michael D.
Markham, Paul
Martinian,
Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren

Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Mller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
SATO, Yuichi
Snchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
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Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
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Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frdric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen,

Gbor
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frdric
Margeviius, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
Psa, Petr
Qun, Trn Ngc
Regueiro, Leandro
Sarer, zgr
Sendn, Abel
Sikrom, ka
Spingos, Dimitris
Taniguchi, Yasuaki
Tomat, Fbio
Uranga, Mikel Olasagasti
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```

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1.628 lexmachine 0.2.2

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1.629 read-pkg 5.2.0

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1.630 dayjs 1.10.6

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1.631 lsb 9.20170808ubuntu1

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1.632 docker 0.0.0-20200130152716-5d0cf8839492

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley
<kevind@rahul.net> took over. 2003-07 Andreas Metzler
<ametzler@debian.org> followed.

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* GNU find was written by Eric Decker <cire@cisco.com>,
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and Tim Wood <axolotl!tim@toad.com>.
The idea for -print0 and xargs -0 came from
Dan Bernstein <brnstnd@kramden.acf.nyu.edu>.
Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs
was originally written by Mike Rendell, with enhancements by David
MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally
written by James Woods, with enhancements by David MacKenzie, James Youngman
and Bas van Gompel.

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1.651 jackson-xc 2.13.4

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1.652 py3-distro 1.5.0-r1

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1.655 purell 1.1.1

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* /jcommander-1-82-sources-jar/com/beust/jcommander/IStringConverterFactory.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/Parameters.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java
*
 /jcommander-1-82-sources-jar/com/beust/jcommander/converters/BooleanConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/ParameterException.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/NoConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/ResourceBundle.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/FileConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/MissingCommandException.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/BaseConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/ISO8601DateConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/LongConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/URIConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/converters/CharArrayConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/internal/DefaultConverterFactory.java
*
 /jcommander-1-82-sources-jar/com/beust/jcommander/converters/InetAddressConverter.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/internal/Sets.java
* /jcommander-1-82-sources-jar/com/beust/jcommander/ParametersDelegate.java

1.658 java-common 0.72build2

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1.659 gojsonpointer 0.0.0-20180127040702-4e3ac2762d5f

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1.660 adduser 3.116ubuntu1

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1.661 google-go-cmp 0.4.0

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1.662 runc 0.1.1

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1.663 go-toml 1.9.4

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localtime.go, localtime_test.go:

Originals:
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https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go
Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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1.664 d3-drag 3.0.0

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1.665 @stencil/store 1.5.0

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1.667 json-buffer 3.0.0

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1.668 error_prone_annotations 2.7.1

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* /error-prone-annotations-2-7-1-sources-1-
jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/MustBeClosed.java
*
 /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java
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* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
* /error-prone-annotations-2-7-1-sources-1-jar/com/google/errorprone/annotations/NoAllocation.java

1.669 base-files 10.1ubuntu2.10

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a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)
@end enumerate

These requirements apply to the modified work as a whole. If
identifiable sections
 of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

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.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this
 License.

@item
You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do

this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

@item
You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and
2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
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
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

@item
A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a ``work that uses the Library''. Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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
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.

@item
As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of
this License. Also, you must do one
of these things:

@enumerate a
@item
Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable ``work that
uses the Library'', as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

@item
Use a suitable shared library mechanism for linking with the Library. A

suitable mechanism is one that (1) uses at run time a copy of the
library already present on the user's computer system, rather than
copying library functions into the executable,
and (2) will operate
properly with a modified version of the library, if the user installs
one, as long as the modified version is interface-compatible with the
version that the work was made with.

@item
Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

@item
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.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that
is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

@item
You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

@enumerate a
@item
Accompany the combined library with a copy of the same work
based on the Library,
 uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

@item
Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
@subheading How to Apply These Terms to Your New Libraries

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@end
smallexample

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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can use it too, but we suggest you first think carefully about whether
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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software
patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using

a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

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program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1

above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the
terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be
reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary
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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding
machine-readable source code, which
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 from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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 linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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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 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 combine 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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany
the work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate
properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) 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.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
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accompany the operating system. Such a contradiction means you cannot
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distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any
other library
facilities. This must be distributed under the terms of the
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b) Give prominent notice with the combined library of the fact
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1.671 map-obj 4.2.1

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1.672 normalize-package-data 2.5.0

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1.673 objenesis 3.3

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1.674 get-value 2.0.6

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1.675 url-to-options 1.0.1

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1.676 yargs-parser 18.1.3

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1.677 dayjs 1.11.10

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1.678 swagger-core 2.1.2

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.core
Bnd-LastModified: 1585747900398
Build-Jdk: 1.8.0_151
Built-By: frantuma
Bundle-Description: Sonatype helps open source projects to set up Mave
n repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-core
Bundle-SymbolicName: io.swagger.core.v3.swagger-core
Bundle-Version: 2.1.2
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.v3.core.model;version="2.1.2",io.swagger.v3
.core.filter;version="2.1.2";uses:="io.swagger.v3.core.model,io.swagg
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package: io.swagger
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501
url: https://github.com/swagger-api/swagger-core/modules/swagger-core

Found in path(s):
* /swagger-core-2-1-2-jar/META-INF/MANIFEST.MF

1.679 jakarta-annotation-api 2.1.1

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Source Code

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* https://github.com/eclipse-ee4j/common-annotations-api

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src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp

. The `gxditview' output device. It is based on X11's `xditview' program
and thus has the X license.

src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm

src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h

src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages

. The -mdoc macro set, using the BSD license.

tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
tmac/doc-syms
tmac/groff_mdoc.man

. The -me macro set, using the BSD license.

tmac/e.tmac
tmac/groff_me.man
doc/meintro.me
doc/meintro_fr.me
doc/meref.me

Hyphenation Patterns

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of
the TeX system written by Donald E. Knuth; the master file can be found
at

ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex .

It has been renamed for consistency, i.e., to make patterns available
under the filenames `hyphen.<language>', e.g. `hyphen.de' or
`hyphen.uk'.

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. The file `tmac/hyphen.fr' contains the

same patterns as the file
`frhyph.tex' (for TeX), which can be found at

http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex .

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. The file `tmac/hyphen.sv' is identical to the file `svhyph.tex', which
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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same
patterns as the files `dehypht-x-2017-03-31.pat' and
`dehyphn-x-2017-03-31.pat' (for TeX), respectively, which can be found
at

http://ctan.org/tex-archive/language/hyphenation/dehyph-exptl

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. The file `tmac/hyphen.cs' contains the same patterns as the file
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1.681 uitable 0.0.4

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1.682 j2objc-annotations 1.3

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1.683 lz4 0.0~r131-2ubuntu3

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1.684 @mapbox/parse-mapbox-token 0.2.0

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1.685 importlib-metadata 4.11.1

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1.686 dash 0.5.8-2.10

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1.687 x-crypto 0.0.0-20200414173820-0848c9571904

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That's all there is to it!

1.692 diffutils 1:3.6-1

1.692.1 Available under license :

This is the Debian prepackaged version of the GNU diffutils package.
GNU `diff' was written by Mike Haertel, David Hayes, Richard Stallman,
Len Tower, and Paul Eggert. Wayne Davison designed and implemented
the unified output format. GNU `diff3' was written by Randy Smith.
GNU `sdiff' was written by Thomas Lord. GNU `cmp' was written by
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The source for this release was obtained from

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* /bson-4-0-5-sources-jar/org/bson/BsonSymbol.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/DiscriminatorLookup.java
* /bson-4-0-5-sources-jar/org/bson/codecs/RawBsonDocumentCodec.java
* /bson-4-0-5-sources-jar/org/bson/BsonValue.java
* /bson-4-0-5-sources-jar/org/bson/codecs/ObjectIdGenerator.java
*
 /bson-4-0-5-sources-jar/org/bson/codecs/pojo/annotations/BsonId.java
* /bson-4-0-5-sources-jar/org/bson/internal/Optional.java
* /bson-4-0-5-sources-jar/org/bson/BsonObjectId.java
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* /bson-4-0-5-sources-jar/org/bson/types/MaxKey.java
* /bson-4-0-5-sources-jar/org/bson/internal/ProvidersCodecRegistry.java
* /bson-4-0-5-sources-jar/org/bson/AbstractBsonReader.java
* /bson-4-0-5-sources-jar/org/bson/json/StrictJsonWriter.java
* /bson-4-0-5-sources-jar/org/bson/json/ShellUndefinedConverter.java
* /bson-4-0-5-sources-jar/org/bson/BasicBSONDecoder.java
* /bson-4-0-5-sources-jar/org/bson/codecs/DocumentCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
* /bson-4-0-5-sources-jar/org/bson/json/JsonNullConverter.java
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 /bson-4-0-5-sources-jar/org/bson/codecs/MapCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/AtomicLongCodec.java
* /bson-4-0-5-sources-jar/org/bson/BsonReader.java
* /bson-4-0-5-sources-jar/org/bson/diagnostics/SLF4JLogger.java

* /bson-4-0-5-sources-jar/org/bson/json/ShellBinaryConverter.java
* /bson-4-0-5-sources-jar/org/bson/BsonMaximumSizeExceededException.java
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* /bson-4-0-5-sources-jar/org/bson/BsonBoolean.java
* /bson-4-0-5-sources-jar/org/bson/internal/ChildCodecRegistry.java
* /bson-4-0-5-sources-jar/org/bson/json/ExtendedJsonBinaryConverter.java
* /bson-4-0-5-sources-jar/org/bson/json/JsonBuffer.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/TypeData.java
* /bson-4-0-5-sources-jar/org/bson/json/JsonDoubleConverter.java
* /bson-4-0-5-sources-jar/org/bson/codecs/BsonTypeCodecMap.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/ClassModelBuilder.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java
* /bson-4-0-5-sources-jar/org/bson/codecs/jsr310/package-info.java
* /bson-4-0-5-sources-jar/org/bson/json/package-info.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/BsonDoubleCodec.java
* /bson-4-0-5-sources-jar/org/bson/BsonJavaScript.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/Either.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/PropertyModelBuilder.java
* /bson-4-0-5-sources-jar/org/bson/json/JsonReader.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
* /bson-4-0-5-sources-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/PojoSpecializationHelper.java
* /bson-4-0-5-sources-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
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* /bson-4-0-5-sources-jar/org/bson/json/JsonStringBuffer.java
* /bson-4-0-5-sources-jar/org/bson/io/BsonInput.java

* /bson-4-0-5-sources-jar/org/bson/codecs/DateCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/LazyMissingCodec.java
* /bson-4-0-5-sources-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java
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* /bson-4-0-5-sources-jar/org/bson/BsonBinaryWriterSettings.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/BooleanCodec.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/InstanceCreatorFactoryImpl.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/IdGenerator.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/PropertyCodecRegistryImpl.java
* /bson-4-0-5-sources-jar/org/bson/codecs/BsonBinaryCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/TypeWithTypeParameters.java
* /bson-4-0-5-sources-jar/org/bson/json/JsonWriter.java
* /bson-4-0-5-sources-jar/org/bson/BsonNumber.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/ShortCodec.java
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* /bson-4-0-5-sources-jar/org/bson/BsonInt64.java
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* /bson-4-0-5-sources-jar/org/bson/types/ObjectId.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/PatternCodec.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/PojoCodecProvider.java
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* /bson-4-0-5-sources-jar/org/bson/json/RelaxedExtendedJsonDateTimeConverter.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/BsonTimestampCodec.java
* /bson-4-0-5-sources-jar/org/bson/BsonReaderMark.java

* /bson-4-0-5-sources-jar/org/bson/codecs/IterableCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/DoubleCodec.java
*
 /bson-4-0-5-sources-jar/org/bson/BsonDouble.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/Convention.java
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* /bson-4-0-5-sources-jar/org/bson/internal/LazyCodec.java
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 /bson-4-0-5-sources-jar/org/bson/codecs/pojo/TypeParameterMap.java
* /bson-4-0-5-sources-jar/org/bson/BSON.java
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* /bson-4-0-5-sources-jar/org/bson/codecs/BsonCodec.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/IdPropertyModelHolder.java
* /bson-4-0-5-sources-jar/org/bson/codecs/pojo/IdGenerators.java
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 /bson-4-0-5-sources-jar/org/bson/codecs/BsonCodecProvider.java

1.705 decode-uri-component 0.2.0

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1.706 py3-ordered-set 4.0.1-r0

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1.707 react 17.0.2

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1.708 libmd 1.0.4-1build1

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1.709 python 3.8.10-r0

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1.710 apk-tools 2.10.8-r1

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/* stats.c - Alpine Package Keeper (APK)
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/* manifest.c - Alpine Package Keeper (APK)
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/* upgrade.c - Alpine Package Keeper (APK)
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/* apk_package.h - Alpine Package Keeper (APK)
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/* commit.c - Alpine Package Keeper (APK)
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```
/* implemented as luaL_typerror until lua 5.1, dropped in 5.2
* (C) 1994-2012 Lua.org, PUC-Rio. MIT license
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/* del.c - Alpine Package Keeper (APK)
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/* apk_solver_data.h - Alpine Package Keeper (APK)
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/* solver.c - Alpine Package Keeper (APK)
* Up- and down-propagating, forwarding checking, deductive dependency solver.
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1.711 urllib3 1.25.9

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Contributions to the urllib3 project

Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
 * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
 * NTLM-authenticated HTTPSConnectionPool
 * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
 * Client-verified SSL certificates for HTTPSConnectionPool
 * Response gzip and deflate encoding support
 * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
 * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
 * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
 * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
 * Bugfixes, Improvements and Test
 coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
 * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
 * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
 * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
 * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
 * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
 * Support for TLS SNI
 * API unification of ssl_version/cert_reqs
 * SSL fingerprint and alternative hostname verification
 * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
 * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
 * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
 * Correct six.moves conflict
 * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
 * Allowed to skip SSL hostname verification

* Cory Benfield
 <https://lukasa.co.uk/about/>
 * Stream method for Response objects.
 * Return native strings in header values.
 * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
 * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
 * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
 * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
 * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
 * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
 * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
 * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
 * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
 * Disabled TLS compression in pyopenssl contrib module
 * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
 * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
 * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
 * HTTPHeaderDict and associated tests and docs
 * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
 * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
 * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
 * PEP8 Compliance and Linting
 * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
 * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
 * Google App Engine documentation

* Aaron Meurer
 <asmeurer@gmail.com>
 * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
 * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
 * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
 * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
 * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
 * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
 * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
 * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
 * App Engine environment tests.
 * Documentation re-write.

* John Krauss <https://github.com/talos>
 * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
 * Fix pool-default headers not applying for url-encoded
 requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
 * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
 * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
 * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 * Creation of ``HTTPConnectionPool.ResponseCls``.

* Predrag Gruevski <https://github.com/obi1kenobi>
 * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
 * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
 * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
 * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
 * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
 * Logging efficiency

improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
 * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
 * Various character-encoding fixes/tweaks
 * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
 * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
 * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
 * History list to Retry object.
 * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
 * Ensure timeouts are not booleans and greater than zero.
 * Fixed infinite loop in ``stream`` when amt=None.
 * Added length_remaining to determine remaining data to be read.
 * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
 * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
 * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
 * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
 * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
 * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
 * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
 * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
 * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
 * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
 * Update appveyor tox setup to use the 64bit python.

* Akamai
 (through Jess Shapiro) <jshapiro@akamai.com>
 * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
 * Minor fixes in the test suite

* Will Bond <will@wbond.net>
 * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
 * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
 * Improve contribution guide
 * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
 * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
 * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
 * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
 * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
 * Remove Authorization header
 regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
 * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
 * Remove a spurious TypeError from the exception chain inside
   HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
 * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
 * Allow cadata parameter to be passed to underlying ``SSLContext.load_verify_locations()``.

* Keiichi Kobayashi <abok.1k@gmail.com>
 * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
 * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
 * Test improvements

* Chris Olufson <tycarac@gmail.com>
 * Fix for connection not being released on HTTP redirect and response not preloaded

* [Your name or handle] <[email or website]>
 * [Brief summary of your changes]

1.712 timed-out 4.0.1

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1.713 py3-parsing 2.4.7-r0

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1.714 ghodss-yaml 1.0.0

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1.720 combined-stream 1.0.8

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1.721 ubuntu-keyring 2021.03.26

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 ~
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<![CDATA[
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* /jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml
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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CascadableDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintTarget.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/FutureOrPresent.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Null.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorContext.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ExecutableDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/Default.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/MessageInterpolator.java
*
 /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/Unwrapping.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/ValidationTarget.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/UnexpectedTypeException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
*
 /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java
*
 /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/GenericBootstrap.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java
* /jakarta-validation-api-2-0-2-sources-3-

jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PositiveOrZero.java
*
/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/BootstrapConfiguration.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ElementDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerElementTypeDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupDefinitionException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Min.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/ConvertGroup.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/Scope.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Max.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ReportAsSingleViolation.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ReturnValueDescriptor.java
*
/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ParameterNameProvider.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Pattern.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/NoProviderFoundException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validation.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorContext.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotBlank.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Constraint.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Valid.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CrossParameterDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ClockProvider.java
*
/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Configuration.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Size.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PastOrPresent.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableValidator.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorFactory.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerDescriptor.java
*
/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstraintDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ParameterDescriptor.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotNull.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Negative.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorFactory.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Email.java
*
/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDeclarationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/PropertyDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidator.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableType.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertFalse.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Positive.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotEmpty.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java
*
/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java

1.723 path-to-regexp 1.8.0

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1.724 gzip 1.10-4ubuntu4.1

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1.726 ncurses 6.2_p20200328-r0

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1.727 jq 1.6-r1

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Version 2.1, February 1999

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1.744 xz 5.2.5-2ubuntu1

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1.745 coreutils 8.28-1ubuntu1

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* added Debian GNU/Linux package maintenance system files
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1.746 gnupg 2.2.4-1ubuntu1.4

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#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.747 numeral 2.0.6

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1.748 iconv 2.27

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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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1.757 jacoco-agent 0.8.11

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Manifest-Version: 1.0
Created-By: Apache Maven Bundle Plugin
Build-Jdk-Spec: 17
Automatic-Module-Name: org.jacoco.agent
Bnd-LastModified: 1697316834495
Build-Jdk: 17.0.8.1
Built-By: root
Bundle-Description: JaCoCo Agent
Bundle-License: https://www.eclipse.org/legal/epl-2.0/
Bundle-ManifestVersion: 2
Bundle-Name: JaCoCo Agent
Bundle-RequiredExecutionEnvironment: J2SE-1.5
Bundle-SymbolicName: org.jacoco.agent
Bundle-Vendor: Mountainminds GmbH & Co. KG
Bundle-Version: 0.8.11.202310140853
Eclipse-SourceReferences: scm:git:git://github.com/jacoco/jacoco.git;pat
h="org.jacoco.agent";commitId=f33756c37f1e41041d84018047b14cb394742761

Export-Package: org.jacoco.agent;version="0.8.11"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.5))"
Tool: Bnd-3.5.0.201709291849

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1.758 berkeley-db 5.3.28-13.1ubuntu1.1

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* Id
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This is the Debian GNU/Linux prepackaged version of System V Init.

Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com>
from pre-distribution sources. Ian Murdock <imurdock@debian.org>
integrated it into the base system maintained it until the end of 1995.
Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support.
In version 2.85 the package was split into three (sysvinit, sysv-rc,
and initscripts) in order to make room for alternative rc mechanisms.

The upstream source is available at:

Primary-Site: ftp.cistron.nl /pub/people/miquels/software
92K sysvinit-2.86.tar.gz
Alternate-Site: sunsite.unc.edu /pub/Linux/system/daemons/init
92K sysvinit-2.86.tar.gz

Send patches to sysvinit-devel@nongnu.org.

The sysvinit package in Debian is maintained as an alioth project.
The project page is http://alioth.debian.org/projects/pkg-sysvinit/.

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The of the start-stop-daemon:

* A rewrite of the original Debian's
start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
* public domain.
This package contains the scripts that are executed at start and
shutdown of Debian systems.

This package is built from the `sysvinit' source package. Please
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1.761 lodash 4.17.21

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1.762 pyyaml 5.4.1

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1.764 libsepol 3.3-1build1

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1.766 jetty-http-spi 9.4.18.v20190429

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* javax.annotation:javax.annotation-api
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org.eclipse.jetty.toolchain:jetty-schemas

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1.768 six 1.15.0

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Source Code

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* https://github.com/eclipse-ee4j/glassfish-ha-api
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* https://github.com/eclipse-ee4j/glassfish-shoal
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1.771 goccy-go-yaml 1.9.5

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Step 5: Writing the Code
==========

At this point, you should have:

- [x] Identified a feature or bug fix
- [x] Opened an Issue about it
- [x] Located the project's service code which validates the feature or fix
- [x] Have an OpenStack environment available to test with

Now it's time to write the actual code! We recommend reading over the [CONTRIBUTING](/.github/CONTRIBUTING.md) guide again as a refresh. Notably the [Getting Started](/.github/CONTRIBUTING.md#getting-started) section will help you set up a `git` repository correctly.

We encourage you to browse the existing Gophercloud code to find examples of similar implementations. It would be a _very_ rare occurrence for you to be implementing something that hasn't already been done.

Use the existing packages as templates and mirror the style, naming, and logic.

Types of Pull Requests

The amount of changes you plan to make will determine how much code you should submit as Pull Requests.

###
A Single Bug Fix

If you're implementing a single bug fix, then creating one `git` branch and

submitting one Pull Request is fine.

Adding a Single Field

If you're adding a single field, then a single Pull Request is also fine. See [#662](https://github.com/gophercloud/gophercloud/pull/662) as an example of this.

If you plan to add more than one missing field, you will need to open a Pull Request for _each_ field.

Adding a Single API Call

Single API calls can also be submitted as a single Pull Request. See [#722](https://github.com/gophercloud/gophercloud/pull/722) as an example of this.

Adding a Suite of API Calls

If you're adding support for a "suite" of API calls (meaning: Create, Update, Delete, Get), then you will need to create one Pull Request for _each_ call.

The following Pull Requests are good examples of how to do this:

* https://github.com/gophercloud/gophercloud/pull/584
* https://github.com/gophercloud/gophercloud/pull/586
* https://github.com/gophercloud/gophercloud/pull/587
*
https://github.com/gophercloud/gophercloud/pull/594

You can also use the provided [template](/docs/contributor-tutorial/.template) as it contains a lot of the repeated boiler plate code seen in each resource. However, please make sure to thoroughly review and edit it as needed. Leaving templated portions in-place might be interpreted as rushing through the work and will require further rounds of review to fix.

Adding an Entire OpenStack Project

To add an entire OpenStack project, you must break each set of API calls into individual Pull Requests. Implementing an entire project can be thought of as implementing multiple API suites.

An example of this can be seen from the Pull Requests referenced in [#723](https://github.com/gophercloud/gophercloud/issues/723).

What to Include in a Pull Request

Each Pull Request should contain the following:

1. The actual Go code to implement the feature or bug fix
2. Unit tests
3.
 Acceptance tests
4. Documentation

Whether you want to bundle all of the above into a single commit or multiple commits is up to you. Use your preferred style.

Unit Tests

Unit tests should provide basic validation that your code works as intended.

Please do not use JSON fixtures from the API reference documentation. Please generate your own fixtures using the OpenStack environment you're [testing](step-04-acceptance-testing.md) with.

Acceptance Tests

Since unit tests are not run against an actual OpenStack environment, acceptance tests can arguably be more important. The acceptance tests that you include in your Pull Request should confirm that your implemented code works as intended with an actual OpenStack environment.

Documentation

All documentation in Gophercloud is done through in-line `godoc`. Please make sure to document all fields, functions, and methods appropriately. In addition, each package has a `doc.go` file which should be created or amended with details
 of your Pull Request, where appropriate.

Dealing with Related Pull Requests

If you plan to open more than one Pull Request, it's only natural that code from one Pull Request will be dependent on code from the prior Pull Request.

There are two methods of handling this:

Create Independent Pull Requests

With this method, each Pull Request has all of the code to fully implement the code in question. Each Pull Request can be merged in any order because it's self contained.

Use the following `git` workflow to implement this method:

```shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout master
$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Pull Requests can be merged in any order
* Additional commits to one Pull
 Request are independent of other Pull Requests

Disadvantages of this Method:

* There will be _a lot_ of duplicate code in each Pull Request
* You will have to rebase all other Pull Requests and resolve a good amount of
 merge conflicts.

Create a Chain of Pull Requests

With this method, each Pull Request is based off of a previous Pull Request.
Pull Requests will have to be merged in a specific order since there is a
defined relationship.

Use the following `git` workflow to implement this method:

```shell
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
```

$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Each Pull Request becomes smaller since you are building off of the last

Disadvantages of this Method:

* If a Pull Request requires changes, you will have to rebase
 _all_ child
 Pull Requests based off of the parent.

The choice of method is up to you.

---

Once you have your code written, submit a Pull Request to Gophercloud and
proceed to [Step 6](step-06-code-review.md).
package RESOURCE

import (
 "github.com/gophercloud/gophercloud"
 "github.com/gophercloud/gophercloud/pagination"
)

// RESOURCE represents...
type Resource struct {
}

type commonResult struct {
 gophercloud.Result
}

// GetResult is the response from a Get operation. Call its Extract method
// to interpret it as a RESOURCE.
type GetResult struct {
 commonResult
}

// CreateResult is the response from a Create operation. Call its Extract method
// to interpret it as a RESOURCE.
type CreateResult struct {
 commonResult
}

// DeleteResult is the response from a Delete operation. Call its ExtractErr to
// determine if the request succeeded or failed.
```

```
type DeleteResult struct {
 gophercloud.ErrResult
}

// UpdateResult is the result of an Update request. Call its Extract method to
// interpret it as a RESOURCE.
type UpdateResult struct {
 commonResult
}

// ResourcePage is a single page of RESOURCE results.
type ResourcePage struct {
 pagination.LinkedPageBase
}

// IsEmpty determines whether
 or not a page of RESOURCES contains any results.
func (r ResourcePage) IsEmpty() (bool, error) {
 resources, err := ExtractResources(r)
 return len(resources) == 0, err
}

// NextPageURL extracts the "next" link from the links section of the result.
func (r ResourcePage) NextPageURL() (string, error) {
 var s struct {
  Links struct {
   Next     string `json:"next"`
   Previous string `json:"previous"`
  } `json:"links"`
 }
 err := r.ExtractInto(&s)
 if err != nil {
  return "", err
 }
 return s.Links.Next, err
}

// ExtractResources returns a slice of Resources contained in a single page of
// results.
func ExtractResources(r pagination.Page) ([]Resource, error) {
 var s struct {
  Resources []Resource `json:"resources"`
 }
 err := (r.(ResourcePage)).ExtractInto(&s)
 return s.Resources, err
}

// Extract interprets any commonResult as a Resource.
```

```
func (r commonResult) Extract() (*Resource, error) {
 var s struct {
  Resource *Resource `json:"resource"`
 }
 err := r.ExtractInto(&s)
 return
 s.Resource, err
}
package RESOURCE

import (
 "github.com/gophercloud/gophercloud"
 "github.com/gophercloud/gophercloud/pagination"
)

// ListOptsBuilder allows extensions to add additional parameters to
// the List request
type ListOptsBuilder interface {
 ToResourceListQuery() (string, error)
}

// ListOpts provides options to filter the List results.
type ListOpts struct {
}

// ToResourceListQuery formats a ListOpts into a query string.
func (opts ListOpts) ToResourceListQuery() (string, error) {
 q, err := gophercloud.BuildQueryString(opts)
 return q.String(), err
}

// List retrieves a list of RESOURCES.
func List(client *gophercloud.ServiceClient, opts ListOptsBuilder) pagination.Pager {
 url := listURL(client)
 if opts != nil {
  query, err := opts.ToResourceListQuery()
  if err != nil {
   return pagination.Pager{Err: err}
  }
  url += query
 }
 return pagination.NewPager(client, url, func(r pagination.PageResult) pagination.Page {
  return ResourcePage{pagination.LinkedPageBase{PageResult: r}}
 })
}

//
```

```
 Get retrieves details of a RESOURCE.
func Get(client *gophercloud.ServiceClient, id string) (r GetResult) {
 _, r.Err = client.Get(getURL(client, id), &r.Body, nil)
 return
}

// CreateOptsBuilder allows extensions to add additional parameters to
// the Create request.
type CreateOptsBuilder interface {
 ToResourceCreateMap() (map[string]interface{}, error)
}

// CreateOpts provides options used to create a RESOURCE.
type CreateOpts struct {
}

// ToResourceCreateMap formats a CreateOpts into a create request.
func (opts CreateOpts) ToResourceCreateMap() (map[string]interface{}, error) {
 return gophercloud.BuildRequestBody(opts, "resource")
}

// Create creates a new RESOURCE.
func Create(client *gophercloud.ServiceClient, opts CreateOptsBuilder) (r CreateResult) {
 b, err := opts.ToResourceCreateMap()
 if err != nil {
  r.Err = err
  return
 }
 _, r.Err = client.Post(createURL(client), &b, &r.Body, &gophercloud.RequestOpts{
  OkCodes: []int{201},
 })
 return
}

// Delete deletes
 a RESOURCE.
func Delete(client *gophercloud.ServiceClient, id string) (r DeleteResult) {
 _, r.Err = client.Delete(deleteURL(client, id), nil)
 return
}

// UpdateOptsBuilder allows extensions to add additional parameters to
// the Update request.
type UpdateOptsBuilder interface {
 ToResourceUpdateMap() (map[string]interface{}, error)
}

// UpdateOpts represents parameters to update a RESOURCE.
```

```
type UpdateOpts struct {
}

// ToUpdateCreateMap formats a UpdateOpts into an update request.
func (opts UpdateOpts) ToResourceUpdateMap() (map[string]interface{}, error) {
 return gophercloud.BuildRequestBody(opts, "resource")
}

// Update modifies the attributes of a RESOURCE.
func Update(client *gophercloud.ServiceClient, id string, opts UpdateOptsBuilder) (r UpdateResult) {
 b, err := opts.ToResourceUpdateMap()
 if err != nil {
  r.Err = err
  return
 }
 _, r.Err = client.Patch(updateURL(client, id), b, &r.Body, &gophercloud.RequestOpts{
  OkCodes: []int{200},
 })
 return
}
```

Contributor Tutorial
==========

This tutorial is to help new contributors become familiar with the processes
used by the Gophercloud team when adding a new feature or fixing a bug.

While we have a defined process for working on Gophercloud, we're very mindful
that everyone is new to this in the beginning. Please reach out for help or ask
for clarification if needed. No question is ever "dumb" or not worth our time
answering.

To begin, go to [Step 1](step-01-introduction.md).

Step 6: Code Review
==========

Once you've submitted a Pull Request, three things will happen automatically:

1. Travis-CI will run a set of simple tests:

   a. Unit Tests

   b. Code Formatting checks

   c. `go vet` checks

2. Coveralls will run a coverage test.
3. [OpenLab](https://openlabtesting.org/) will run acceptance tests.

Depending on the results of the above, you might need to make additional changes to your code.

While you're working on the finishing touches to your code, it is helpful to add a `[wip]` tag to the title of your Pull Request.

You are most welcomed to take as much time as you need to work on your Pull Request. As well, take advantage of the automatic testing that is done to each commit.

Travis-CI

If Travis reports code formatting issues, please make sure to run `gofmt` on all of your code. Travis will also report errors with unit tests, so you should ensure those are fixed, too.

Coveralls

If Coveralls reports a decrease in test coverage,
check and make sure you have
provided unit tests. A decrease in test coverage is _sometimes_ unavoidable and ignorable.

OpenLab

OpenLab does not yet run a full suite of acceptance tests, so it's possible that the acceptance tests you've included were not run. When this happens, a core member for Gophercloud will run the tests manually.

There are times when a core reviewer does not have access to the resources required to run the acceptance tests. When this happens, it is essential that you've run them yourself (See [Step 4](step-04.md)).

Request a Code Review

When you feel your Pull Request is ready for review, please leave a comment requesting a code review. If you don't explicitly ask for a code review, a core member might not know the Pull Request is ready for review.

Additionally, if there are parts of your implementation that you are unsure about, please ask for help. We're more than happy to provide advice.

During the code review process, a
core member will review the code you've
submitted and either request changes or request additional information. Generally these requests fall under the following categories:

1. Code which needs to be reformatted (See our [Style Guide](/docs/STYLEGUIDE.md)
  for conventions used.

2. Requests for additional information about the validity of something. This
  might happen because the included supporting service code URLs don't have
  enough information.

3. Missing unit tests or acceptance tests.

Submitting Changes

If a code review requires changes to be submitted, please do not squash your
commits. Please only add new commits to the Pull Request. This is to help the
code reviewer see only the changes that were made.

It's Never Personal

Code review is a healthy exercise where a new set of eyes can sometimes spot
items forgotten by the author.

Please don't take change requests personally. Our intention is to ensure the
code is correct before
 merging.

Once the code has been reviewed and approved, a core member will merge your
Pull Request.

Please proceed to [Step 7](step-07-congratulations.md).
package testing

import (
 "fmt"
 "net/http"
 "testing"

 "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
 th "github.com/gophercloud/gophercloud/testhelper"
 "github.com/gophercloud/gophercloud/testhelper/client"
)

// ListResult provides a single page of RESOURCE results.
const ListResult = `
{
}

```
`

// GetResult provides a Get result.
const GetResult = `
{
}
`

// CreateRequest provides the input to a Create request.
const CreateRequest = `
{
}
`

// UpdateRequest provides the input to as Update request.
const UpdateRequest = `
{
}
`

// UpdateResult provides an update result.
const UpdateResult = `
{
}
`

// FirstResource is the first resource in the List request.
var FirstResource = resources.Resource{}

// SecondResource is the second resource in the List request.
var SecondResource = resources.Resource{}

// SecondResourceUpdated is how SecondResource should look after an Update.
var SecondResourceUpdated = resources.Resource{}

// ExpectedResourcesSlice is the
 slice of resources expected to be returned from ListResult.
var ExpectedResourcesSlice = []resources.Resource{FirstResource, SecondResource}

// HandleListResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a list of two resources.
func HandleListResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "GET")
  th.TestHeader(t, r, "Accept", "application/json")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

  w.Header().Set("Content-Type", "application/json")
```

```
  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, ListResult)
 })
}

// HandleGetResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a single resource.
func HandleGetResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "GET")
  th.TestHeader(t,
 r, "Accept", "application/json")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

  w.Header().Set("Content-Type", "application/json")
  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, GetResult)
 })
}

// HandleCreateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource creation.
func HandleCreateResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "POST")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
  th.TestJSONRequest(t, r, CreateRequest)

  w.WriteHeader(http.StatusCreated)
  fmt.Fprintf(w, GetResult)
 })
}

// HandleDeleteResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource deletion.
func HandleDeleteResourceSuccessfully(t *testing.T) {
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "DELETE")
  th.TestHeader(t, r,
 "X-Auth-Token", client.TokenID)

  w.WriteHeader(http.StatusNoContent)
 })
}

// HandleUpdateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource update.
func HandleUpdateResourceSuccessfully(t *testing.T) {
```

```
 th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "PATCH")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
  th.TestJSONRequest(t, r, UpdateRequest)

  w.WriteHeader(http.StatusOK)
  fmt.Fprintf(w, UpdateResult)
 })
}
package testing

import (
 "testing"

 "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
 "github.com/gophercloud/gophercloud/pagination"
 th "github.com/gophercloud/gophercloud/testhelper"
 "github.com/gophercloud/gophercloud/testhelper/client"
)

func TestListResources(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleListResourcesSuccessfully(t)

 count := 0
 err := resources.List(client.ServiceClient(), nil).EachPage(func(page pagination.Page) (bool, error) {
  count++

  actual, err := resources.ExtractResources(page)
  th.AssertNoErr(t, err)

  th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)

  return true, nil
 })
 th.AssertNoErr(t, err)
 th.AssertEquals(t, count, 1)
}

func TestListResourcesAllPages(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleListResourcesSuccessfully(t)

 allPages, err := resources.List(client.ServiceClient(), nil).AllPages()
 th.AssertNoErr(t, err)
 actual, err := resources.ExtractResources(allPages)
```

```
 th.AssertNoErr(t,
 err)
 th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
}

func TestGetResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleGetResourceSuccessfully(t)

 actual, err := resources.Get(client.ServiceClient(), "9fe1d3").Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResource, *actual)
}

func TestCreateResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleCreateResourceSuccessfully(t)

 createOpts := resources.CreateOpts{
  Name: "resource two",
 }

 actual, err := resources.Create(client.ServiceClient(), createOpts).Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResource, *actual)
}

func TestDeleteResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleDeleteResourceSuccessfully(t)

 res := resources.Delete(client.ServiceClient(), "9fe1d3")
 th.AssertNoErr(t, res.Err)
}

func TestUpdateResource(t *testing.T) {
 th.SetupHTTP()
 defer th.TeardownHTTP()
 HandleUpdateResourceSuccessfully(t)

 updateOpts
 := resources.UpdateOpts{
  Description: "Staging Resource",
 }
```

```
 actual, err := resources.Update(client.ServiceClient(), "9fe1d3", updateOpts).Extract()
 th.AssertNoErr(t, err)
 th.AssertDeepEquals(t, SecondResourceUpdated, *actual)
}
```

Step 4: Acceptance Testing
==========

If we haven't started working on the feature or bug fix, why are we talking
about Acceptance Testing now?

Before you implement a feature or bug fix, you _must_ be able to test your code
in a working OpenStack environment. Please do not submit code which you have
only tested with offline unit tests.

Blindly submitting code is dangerous to the Gophercloud project. Developers
from all over the world use Gophercloud in many different projects. If you
submit code which is untested, it can cause these projects to break or become
unstable.

And, to be frank, submitting untested code will inevitably cause someone else
to have to spend time fixing it.

If you don't have an OpenStack environment to test with, we have lots of
documentation [here](/acceptance) to help you build your own small OpenStack
environment for testing.

Once you've confirmed you are able to test your code, proceed to
[Step 5](step-05-pull-requests.md) to (finally!)
 start working on a Pull
Request.

```
/*
Package NAME manages and retrieves RESOURCE in the OpenStack SERVICE Service.

Example to List RESOURCE

Example to Create a RESOURCE

Example to Update a RESOURCE

Example to Delete a RESOURCE

*/
package RESOURCE
```

Step 7: Congratulations!
==========

At this point your code is merged and you've either fixed a bug or added a new feature to Gophercloud!

We completely understand that this has been a long process. We appreciate your patience as well as the time you have taken for working on this. You've made Gophercloud a better project with your work.
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Step 2: Create an Issue
==========

Every patch / Pull Request requires a corresponding issue. If you're fixing a bug for an existing issue, then there's no need to create a new issue.

However, if no prior issue exists, you must create an issue.

Reporting a Bug

When reporting a bug, please try to provide as much information as you can.

The following issues are good examples for reporting a bug:

* https://github.com/gophercloud/gophercloud/issues/108
* https://github.com/gophercloud/gophercloud/issues/212
* https://github.com/gophercloud/gophercloud/issues/424
* https://github.com/gophercloud/gophercloud/issues/588
* https://github.com/gophercloud/gophercloud/issues/629
* https://github.com/gophercloud/gophercloud/issues/647

Feature Request

If you've noticed that a feature is missing from Gophercloud, you'll also need to create an issue before doing any work. This is to start a discussion about whether or not the feature should be included
in Gophercloud. We don't
want to see you put in hours of work only to learn that the feature is out of scope of the project.

Feature requests can come in different forms:

Adding a Feature to Gophercloud Core

The "core" of Gophercloud is the code which supports API requests and responses: pagination, error handling, building request bodies, and parsing response bodies are all examples of core code.

Modifications to core will usually have the most amount of discussion than other requests since a change to core will affect _all_ of Gophercloud.

The following issues are examples of core change discussions:

* https://github.com/gophercloud/gophercloud/issues/310
* https://github.com/gophercloud/gophercloud/issues/613
* https://github.com/gophercloud/gophercloud/issues/729
* https://github.com/gophercloud/gophercloud/issues/713

Adding a Missing Field

If you've found a missing field in an existing struct, submit an issue to request having it added. These kinds of issues
 are pretty easy to report
and resolve.

You should also provide a link to the actual service's Python code which defines the missing field.

The following issues are examples of missing fields:

* https://github.com/gophercloud/gophercloud/issues/620
* https://github.com/gophercloud/gophercloud/issues/621
* https://github.com/gophercloud/gophercloud/issues/658

There's one situation which can make adding fields more difficult: if the field is part of an API extension rather than the base API itself. An example of this can be seen in [this](https://github.com/gophercloud/gophercloud/issues/749) issue.

Here, a user reported fields missing in the `Get` function of `networking/v2/networks`. The fields reported missing weren't missing at all, they're just part of various Networking extensions located in `networking/v2/extensions`.

Adding a Missing API Call

If you've found a missing API action, create an issue with details of the action. For example:

* https://github.com/gophercloud/gophercloud/issues/715
* https://github.com/gophercloud/gophercloud/issues/719

You'll want to make sure the API call is part of the upstream OpenStack project and not an extension created by a third-party or vendor. Gophercloud only supports the OpenStack projects proper.

Adding a Missing API Suite

Adding support to a missing suite of API calls will require more than one Pull Request. However, you can use a single issue for all PRs.

Examples of issues which track the addition of a missing API suite are:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Note how the issue breaks down the implementation by request types (Create, Update, Delete, Get, List).

Also note how these issues provide links to the service's Python code. These links are not required for _issues_, but it's usually a good idea to provide them, anyway. These links _are required_ for PRs and that will be covered in detail in a later step of this tutorial.

Adding a Missing OpenStack Project

These kinds of feature additions are large undertakings. Adding support for an entire OpenStack project is something the Gophercloud team very much appreciates, but you should be prepared for several weeks of work and interaction with the Gophercloud team.

An example of how to create an issue for an entire project can be seen here:

* https://github.com/gophercloud/gophercloud/issues/723

With all of the above in mind, proceed to [Step 3](step-03-code-hunting.md) to learn about Code Hunting.

Step 1: Read Our Guides
==========

There are two introductory guides you should read before proceeding:

* [CONTRIBUTING](/.github/CONTRIBUTING.md): The Contributing guide is a detailed
 document which describes the different ways you can contribute to Gophercloud
 and how to get started. This tutorial you're reading is very similar to that
 guide, but presented in a different way. We still recommend you read it over.

* [STYLE](/docs/STYLEGUIDE.md): The Style Guide documents coding conventions used
 in the Gophercloud project.

When you've finished reading those guides, proceed to [Step 2](step-02-issues.md).
Step 3: Code Hunting
==========

If you plan to submit a feature or bug fix to Gophercloud, you must be
able to prove your code correctly works with the OpenStack service in
question.

Let's use the following issue as an example:
https://github.com/gophercloud/gophercloud/issues/621.
In this issue, there's a request being made to add support for
`availability_zone_hints` to the `networking/v2/networks` package.
Meaning, we want to change:

```go
type Network struct {
 ID          string   `json:"id"`
 Name        string   `json:"name"`
 AdminStateUp bool    `json:"admin_state_up"`
 Status      string   `json:"status"`
 Subnets     []string `json:"subnets"`
 TenantID    string   `json:"tenant_id"`
 Shared      bool     `json:"shared"`
}
```

to look like

```go
type Network struct {
 ID                  string   `json:"id"`
 Name                string   `json:"name"`
 AdminStateUp        bool     `json:"admin_state_up"`
```

```
Status
            string   `json:"status"`
Subnets             []string `json:"subnets"`
TenantID             string   `json:"tenant_id"`
Shared              bool     `json:"shared"`

AvailabilityZoneHints []string `json:"availability_zone_hints"`
}
```

We need to be sure that `availability_zone_hints` is a field which really does exist in the OpenStack Neutron project and it's not a field which was added as a customization to a single OpenStack cloud.

In addition, we need to ensure that `availability_zone_hints` is really a `[]string` and not a different kind of type.

One way of verifying this is through the [OpenStack API reference documentation](https://developer.openstack.org/api-ref/network/v2/). However, the API docs might either be incorrect or they might not provide all of the details we need to know in order to ensure this field is added correctly.

> Note: when we say the API docs might be incorrect, we are _not_ implying
> that the API docs aren't
 useful or that the contributors who work on the API
> docs are wrong. OpenStack moves fast. Typos happen. Forgetting to update
> documentation happens.

Since the OpenStack service itself correctly accepts and processes the fields, the best source of information on how the field works is in the service code itself.

Continuing on with using #621 as an example, we can find the definition of `availability_zone_hints` in the following piece of code:

https://github.com/openstack/neutron/blob/8e9959725eda4063a318b4ba6af1e3494cad9e35/neutron/objects/network.py#L191

The above code confirms that `availability_zone_hints` is indeed part of the `Network` object and that its type is a list of strings (`[]string`).

This example is a best-case situation: the code is relatively easy to find and it's simple to understand. However, there will be times when proving the implementation in the service code is difficult. Make no mistake, this is _not_ fun work. This can sometimes be more difficult than
 writing the actual patch
for Gophercloud. However, this is an essential step to ensuring the feature or bug fix is correctly added to Gophercloud.

Examples of good code hunting can be seen here:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Code Hunting Tips

OpenStack projects differ from one to another. Code is organized in different ways. However, the following tips should be useful across all projects.

* The logic which implements Create and Delete actions is usually either located in the "model" or "controller" portion of the code.

* Use Github's search box to search for the exact field you're working on. Review all results to gain a good understanding of everywhere the field is used.

* When adding a field, look for an object model or a schema of some sort.

Proceed to [Step 4](step-04-acceptance-testing.md) to learn about Acceptance Testing.

```
package RESOURCE

import "github.com/gophercloud/gophercloud"

func listURL(client *gophercloud.ServiceClient) string {
 return client.ServiceURL("resource")
}

func getURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}

func createURL(client *gophercloud.ServiceClient) string {
 return client.ServiceURL("resource")
}

func deleteURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}
```

```
func updateURL(client *gophercloud.ServiceClient, id string) string {
 return client.ServiceURL("resource", id)
}
```

1.773 py3-colorama 0.4.3-r0

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1.774 d3-brush 3.0.0

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1.775 default-compare 1.0.0

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1.776 @stencil/core 2.22.3

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1.777 keyutils 1.6.1-2ubuntu3

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1.778.1 Available under license :

ISC

1.779 libtirpc 1.3.2-2ubuntu0.1

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1.780 py3-distlib 0.3.0-r0

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes

2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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1.788 python-requests 2.27.1

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1.802 react-router-dom 6.21.0

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1.803 debianutils 5.5-1ubuntu2

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*
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*
* Debian run-parts program
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*
*/

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* /debianutils-5-5-orig-tar-xz/debianutils-5.5/po4a/de/add-shell.8
* /debianutils-5-5-orig-tar-xz/debianutils-5.5/po4a/de/savelog.8
* /debianutils-5-5-orig-tar-xz/debianutils-5.5/po4a/de/installkernel.8
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1.804 selinux 3.3-1build2

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1.805 form-data 4.0.0

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1.806 diffutils 1:3.8-0ubuntu2

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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Weigher.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/UnsafeAccess.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/StatsCounter.java
*
 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AsyncLoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/ConcurrentStatsCounter.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LinkedDeque.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Policy.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WriteOrderDeque.java

* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/UnboundedLocalCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/RemovalListener.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/CacheLoader.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Cache.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/stats/CacheStats.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Ticker.java
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 /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/AccessOrderDeque.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Node.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/References.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/BoundedBuffer.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/package-info.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalAsyncLoadingCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/LocalManualCache.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SerializationProxy.java
*
/caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/package-info.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/Async.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSLMWAWR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/PDWMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WILMWW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMWA.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDMW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/SSSMWR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMS.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSMSAR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WIMWAW.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSAR.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/WSSMWR.java
* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FSAWRMS.java
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* /caffeine-2-9-3-sources-jar/com/github/benmanes/caffeine/cache/FDA.java
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1.808 ubuntu-keyring 2018.09.18.1~18.04.0

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1.811 metrics-jvm 4.1.0

1.812 aspect-j 1.9.9.1

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1.816 metrics-health-checks 4.1.0

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1.817 urlesc 0.0.0-20170810143723-de5bf2ad4578

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1.818 camelcase-keys 6.2.2

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1.819 python-pip 21.1.1

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
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2.3.2	2.3.1	2002-2003	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
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2.6.2	2.6.1	2009	PSF	yes
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2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.821 prometheus-common 0.4.1

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1.822 x-sys 0.0.0-20191022100944-742c48ecaeb7

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1.823 aop-alliance 2.6.1

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We set a mandatory attribute for these packages, because we don't\
want them to be visible to just anyone. An importer must specify\
the mandatory attribute for it to be able to import. See \
section #3.6.5 of OSGi R4 spec.\
Why is this required?\
See https://glassfish.dev.java.net/issues/show_bug.cgi?id=5385\
By doing this, we allow user have any version of apache-commons lib\
in their application class loader hierarchy. They don't even have to\
set delegation=false in sun-web.xml! This is the true advantage of\
using OSGi.
Sahoo.\
\
-->\
<Export-Package>org.aopalliance.*;version=$\{aopalliance.version\}</Export-Package>\
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1.824 zlib 1:1.2.11.dfsg-0ubuntu2

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contrib/iostream2
contrib/iostream3
contrib/masmx64
contrib/masmx86
contrib/pascal
contrib/puff
contrib/testzlib
contrib/untgz
contrib/vstudio
doc/rfc*

This is the pre-packaged Debian Linux version of the zlib compression
library. It was packaged by Michael Alan Dorman <mdorman@debian.org>
from sources originally retrieved from ftp.uu.net in the directory
/pub/archiving/zip/zlib as the file zlib-1.0.4.tar.gz.

There is a homepage at http://www.gzip.org/zlib/

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate
and zlib specifications were written by Peter Deutsch. Thanks to all the
people who reported problems and suggested various improvements in zlib;
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1.825 sqlx 1.2.0

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1.827 py3-webencodings 0.5.1-r3

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1.828 deepmerge 4.3.1

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1.830 py3-packaging 20.4-r0

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1.831 websocket-servlet 9.4.18.v20190429

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.832 joda-time 2.9.1

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1.835 hostname 3.23ubuntu2

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1.836 libxi 2:1.8-1build1

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1.837 d3-transition 3.0.1

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1.839 pcre2 10.39-3ubuntu0.1

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* /openpojo-0-8-10-sources-1-jar/com/openpojo/reflection/utils/ObjectToString.java
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* /openpojo-0-8-10-sources-1-jar/com/openpojo/reflection/PojoMethod.java
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* /openpojo-0-8-10-sources-1-jar/com/openpojo/reflection/impl/PojoFieldImpl.java
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/openpojo-0-8-10-sources-1-jar/com/openpojo/reflection/java/bytecode/asm/ClassReaderFactory.java
* /openpojo-0-8-10-sources-1-jar/com/openpojo/random/collection/list/ArrayListRandomGenerator.java
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* /openpojo-0-8-10-sources-1-jar/com/openpojo/reflection/construct/utils/GreaterThan.java
* /openpojo-0-8-10-sources-1-jar/com/openpojo/validation/exception/ValidationException.java
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with

classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.843 apache-log4j 2.17.1

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
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1.848 python-pip 22.0.4

1.848.1 Available under license :

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- Chris McDonough, 2011/02/16
- Wichert Akkerman, 2012/02/02
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This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes

2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
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2.7	2.6	2010	PSF	yes

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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.3.4	2.3.3	2004	PSF	yes
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2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes

2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
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2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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1.853 p-timeout 2.0.1

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1.854 java-jwt 3.9.0

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1.855 bzip2 1.0.8-5build1

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.856 libseccomp 2.4.3-1ubuntu3.18.04.3

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1.857 jackson-datatype-jsr310 2.10.1

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1.858 git 2.26.3-r1

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This package was put together by Vaidhyanathan G Mayilrangam
<vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources
obtained from ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz.
Current versions of the ncurses sources are found at
ftp://invisible-island.net/ncurses/.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>,
David Engel <david@elo.ods.com>. Michael Alan Dorman
<mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup

<jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray)
<jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net>
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1.860 acl 2.2.53-r0

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1.861 py3-msgpack 1.0.0-r0

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1.866 composed-offset-position 0.0.4

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1.867 p-cancelable 0.4.1

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1.868 pcre 2:8.39-13ubuntu0.22.04.1

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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This is Debian GNU/Linux's prepackaged version of the PCRE regular
expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the
original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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1.869 mongodb-driver-core 4.0.5

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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java

*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ExtendedAsynchronousByteChannel.java
*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/util/TlsChannelCallbackException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/util/Util.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/WriteConcernHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/lang/NonNull.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/TransactionOptions.java
*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncClientSessionImpl.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/lang/package-info.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ReadConcernHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ServerVersionHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/lang/NonNullApi.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionPoolListener.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/GetMoreProtocol.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSUploadStream.java
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 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ReadOperation.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/validator/UpdateFieldNameValidator.java
* /mongodb-driver-core-4-0-5-sources-2-
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/session/ClientSession.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/TlsChannelStreamFactoryFactory.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultServerMonitorFactory.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/CollectionInfoRetriever.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DnsSrvRecordMonitorFactory.java
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 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Cluster.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/BulkWriteOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ElementExtendingBsonWriter.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncAggregateIterable.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/selector/ServerSelector.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/diagnostics/logging/Loggers.java

* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DeleteProtocol.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/AbstractMultiServerCluster.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ChangeListener.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/ConnectionSource.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/AbstractReferenceCounted.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/netty/NettyBufferProvider.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/Polygon.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/BulkWriteBatch.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/result/DeleteResult.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Server.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java
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jar/com/mongodb/internal/operation/MapReduceInlineResultsAsyncCursor.java
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/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/ReturnDocument.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/CreateCollectionOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/InsertOneOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/FindOneAndReplaceOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterId.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerOpeningEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/ClientSessionHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConnectionPool.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/bulk/package-info.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoExecutionTimeoutException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncDistinctIterable.java
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 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/Operations.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/QueryMessage.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoCursorNotFoundException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ServerVersion.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/diagnostics/logging/SLF4JLogger.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/result/UpdateResult.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DeleteMessage.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Time.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/FieldTrackingBsonWriter.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/FindAndReplaceOperation.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncMongoDatabase.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/WriteModel.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ErrorCategory.java
*
 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncMongoDatabaseImpl.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SslHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/CommandFailedEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/PointCodec.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/X509Authenticator.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/StreamFactory.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Pool.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ByteBufferBsonOutput.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ReplyHeader.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ReadConcern.java
*
 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DuplicateKeyException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionAddedEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/SslSettings.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/management/MBeanServer.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/AsyncSingleConnectionReadBinding.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionCheckedInEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AsyncOperations.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/RenameCollectionOperation.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ClientMetadataHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/result/InsertOneResult.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/Field.java
*
 /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterType.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/event/EventListenerHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeometryCodec.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerClosedEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ProtocolExecutor.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/AuthenticationMechanism.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/TextSearchOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/bulk/WriteRequest.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConnectionFactory.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/UpdateMessage.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DBObjectCodecProvider.java
*
 /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncChangeStreamIterableImpl.java

* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoSecurityException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/vault/AsyncClientEncryption.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/selector/ServerAddressSelector.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/changestream/OperationTypeCodec.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/RequestMessage.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/PolygonCoordinates.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncFindIterableImpl.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/CommandReadOperation.java
* /mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSBucketImpl.java
*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/changestream/OperationType.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/QueryResult.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoInternalException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/UpdateOneModel.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/CommandStartedEvent.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/client/model/AggregationLevel.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultServer.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/KillCursorsMessage.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoNamespace.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/session/ClientSessionContext.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AggregateOperation.java
*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CommandHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/vault/package-info.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/AutoEncryptionSettings.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/dns/DnsResolver.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/RenameCollectionOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoWriteConcernException.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/OperationHelper.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncListDatabasesIterable.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ServerId.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SplittablePayloadBsonWriter.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/Filters.java
*
/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/DropDatabaseOperation.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerMonitorListenerAdapter.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/selector/package-info.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ServerSettings.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/DeleteOperation.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ClusterableServerFactory.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoSocketOpenException.java
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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/netty/ReadTimeoutHandler.java
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Found in path(s):
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/annotations/NotThreadSafe.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/annotations/Immutable.java
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/annotations/ThreadSafe.java
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```
*/
/*
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*/
/**
    * Returns an array containing all of the elements in this deque, in
    * proper sequence (from first to last element).

   *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this deque
    */
```

Found in path(s):
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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*
* Original Work: MIT License, Copyright (c) [2015-2018] all contributors
* https://github.com/marianobarrios/tls-channel
*/
/**
    * Writes a sequence of bytesProduced to this channel from a subsequence of the
    * given buffers.
    *
    * <p>
```

```
   * See {@link GatheringByteChannel#write(ByteBuffer[], int, int)} for
 more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different than the interface specification,
   * with respect to non-blocking responses, see {@link #write(ByteBuffer)}
   * for more details.
   *
   * @param srcs   The buffers from which bytesProduced are to be retrieved
   * @param offset The offset within the buffer array of the first buffer from
   *               which bytesProduced are to be retrieved; must be non-negative and no
   *               larger than <tt>srcs.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
   *               non-negative and no larger than <tt>srcs.length</tt>
   *               &amp;nbsp;-&amp;nbsp;<tt>offset</tt>
   * @return The number of bytesProduced written, contrary to the behavior specified
   * in {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If
 the preconditions on the <tt>offset</tt> and
   *                                   <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
   *                                   cannot be completed immediately
   * @throws NeedsTaskException        if the channel is not configured to run tasks automatically
   *                                   and a task needs to be executed to complete the operation
   * @throws SSLException              if the {@link SSLEngine} throws a SSLException
   * @throws IOException               if the underlying channel throws an IOException
   */
/**
   * Reads a sequence of bytesProduced from this channel into a subsequence of the
   * given buffers.
   *
   * <p>
   * See {@link ScatteringByteChannel#read(ByteBuffer[], int, int)} for more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different
 than the interface specification,
   * with respect to non-blocking responses, see {@link #read(ByteBuffer)} for
   * more details.
   *
   * @param dsts   The buffers into which bytesProduced are to be transferred
   * @param offset The offset within the buffer array of the first buffer into
   *               which bytesProduced are to be transferred; must be non-negative and no
   *               larger than <tt>dsts.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
```

```
   *              non-negative and no larger than <tt>dsts.length</tt>
   *              &amp;nbsp;-&amp;nbsp;<tt>offset</tt>
   * @return The number of bytesProduced read, or <tt>-1</tt> if the channel has
   * reached end-of-stream; contrary to the behavior specified in
   * {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
    *                                  <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
   *                                   cannot be completed immediately
   * @throws NeedsTaskException        if the channel is not configured to run tasks automatically
   *                                   and a task needs to be executed to complete the operation
   * @throws SSLException              if the {@link SSLEngine} throws a SSLException
   * @throws IOException               if the underlying channel throws an IOException
   */
```

Found in path(s):
* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
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```

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* /mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/annotations/Beta.java

1.870 busybox 1.31.1-r21

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```
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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.

@item
You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and
2 above provided that you accompany it with the complete corresponding machine-readable source code, which 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 from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

@item
A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a ``work that uses the Library''. Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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
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.

@item
As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work

during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of
this License. Also, you must do one
of these things:

@enumerate a
@item
Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable ``work that
uses the Library'', as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

@item
Use a suitable shared library mechanism for linking with the Library. A
suitable mechanism is one that (1) uses at run time a copy of the
library already present on the user's computer system, rather than
copying library functions into the executable,
and (2) will operate
properly with a modified version of the library, if the user installs
one, as long as the modified version is interface-compatible with the
version that the work was made with.

@item
Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

@item
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.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for

reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that
 is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

 It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
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You may place library facilities that are a work based on the
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facilities not covered by this License, and distribute such a combined
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permitted, and provided that you do these two things:

@enumerate a
@item
Accompany the combined library with a copy of the same work
based on the Library,
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facilities. This must be distributed under the terms of the
Sections above.

@item
Give prominent notice with the combined library of the fact
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where to find the accompanying uncombined form of the same work.
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@subheading END OF TERMS AND CONDITIONS

@page
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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free

programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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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, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be
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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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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding
machine-readable source code, which
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

from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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 linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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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 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.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.881 hostname 3.20

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1.884 x-net 0.0.0-20210813160813-60bc85c4be6d

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1.885 org.jacoco.agent.rt 0.8.11

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1.886 x-net 0.0.0-20191004110552-13f9640d40b9

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-- vile: txtmode file-encoding=utf-8
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1.888 clone-response 1.0.2

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1.889 value-equal 1.0.1

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1.890 node-fetch 1.7.3

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1.891 libffi 3.3-r2

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1.892 go-colorable 0.1.12

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1.893 redux 3.7.2

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1.895 py3-certifi 2020.4.5.1-r0

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1.896 scala-java8-compat_2.12 0.7.0

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1.897 html5lib 1.1

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1.898 gmp 2:6.1.2+dfsg-2

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* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/AggregateIterable.java
* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/CollectionInfoRetriever.java
* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/MongoChangeStreamCursor.java
* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/MongoIterableImpl.java
* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/CryptConnection.java
*
/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/vault/ClientEncryptions.java
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* /mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/TransactionBody.java
*
/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/ClientSessionImpl.java

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Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
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1.908 akka-actor 2.5.6

1.908.1 Available under license :

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

/*
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/publicdomain/zero/1.0/
*/

Found in path(s):
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/ForkJoinWorkerThread.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/package-info.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/RecursiveAction.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/TransferQueue.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/RecursiveTask.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/ForkJoinPool.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/LinkedTransferQueue.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/ThreadLocalRandom.java
* /akka-actor-2-11-2-5-6-sources-1-jar/akka/dispatch/forkjoin/ForkJoinTask.java

1.909 findutils 4.8.0-1ubuntu3

1.909.1 Available under license :

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1.911 delayed-stream 1.0.0

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delayed-stream

Buffers events from a stream until you are ready to handle them.

Installation

``` bash
npm install delayed-stream
```

Usage

The following example shows how to write a http echo server that delays its
response by 1000 ms.

``` javascript
var DelayedStream = require('delayed-stream');
var http = require('http');

http.createServer(function(req, res) {
 var delayed = DelayedStream.create(req);
```

```
 setTimeout(function() {
   res.writeHead(200);
   delayed.pipe(res);
 }, 1000);
});
```

If you are not using `Stream#pipe`, you can also manually release the buffered events by calling `delayedStream.resume()`:

``` javascript
var delayed = DelayedStream.create(req);

setTimeout(function() {
 // Emit all buffered events and resume underlaying source
 delayed.resume();
}, 1000);
```

Implementation

In order to use this meta stream properly, here are a few things you should know about the implementation.

Event Buffering / Proxying

All events of the `source` stream are hijacked by overwriting the `source.emit` method. Until node implements a catch-all event listener, this is the only way.

However, delayed-stream still continues to emit all events it captures on the `source`, regardless of whether you have released the delayed stream yet or not.

Upon creation, delayed-stream captures all `source` events and stores them in an internal event buffer. Once `delayedStream.release()` is called, all buffered events are emitted on the `delayedStream`, and the event buffer is cleared. After that, delayed-stream merely acts as a proxy for the underlaying source.

Error handling

Error events on `source` are buffered / proxied just like any other events. However, `delayedStream.create` attaches a no-op `'error'` listener to the `source`. This way you only have to handle errors on the `delayedStream` object, rather than in two places.

Buffer limits

delayed-stream provides
 a `maxDataSize` property that can be used to limit
the amount of data being buffered. In order to protect you from bad `source`
streams that don't react to `source.pause()`, this feature is enabled by
default.

API

DelayedStream.create(source, [options])

Returns a new `delayedStream`. Available options are:

* `pauseStream`
* `maxDataSize`

The description for those properties can be found below.

delayedStream.source

The `source` stream managed by this object. This is useful if you are
passing your `delayedStream` around, and you still want to access properties
on the `source` object.

delayedStream.pauseStream = true

Whether to pause the underlaying `source` when calling
`DelayedStream.create()`. Modifying this property afterwards has no effect.

delayedStream.maxDataSize = 1024 * 1024

The amount of data to buffer before emitting an `error`.

If the underlaying source is emitting `Buffer` objects, the `maxDataSize`
refers to bytes.

If the underlaying source
 is emitting JavaScript strings, the size refers to
characters.

If you know what you are doing, you can set this property to `Infinity` to
disable this feature. You can also modify this property during runtime.

delayedStream.dataSize = 0

The amount of data buffered so far.

delayedStream.readable

An ECMA5 getter that returns the value of `source.readable`.

delayedStream.resume()

If the `delayedStream` has not been released so far, `delayedStream.release()`
is called.

In either case, `source.resume()` is called.

delayedStream.pause()

Calls `source.pause()`.

delayedStream.pipe(dest)

Calls `delayedStream.resume()` and then proxies the arguments to `source.pipe`.

delayedStream.release()

Emits and clears all events that have been buffered up so far. This does not
resume the underlaying source, use `delayedStream.resume()` instead.

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* /guava-31-0-jre-sources-jar/com/google/common/cache/AbstractLoadingCache.java
* /guava-31-0-jre-sources-jar/com/google/common/math/LongMath.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/Uninterruptibles.java
* /guava-31-0-jre-sources-jar/com/google/common/net/HostAndPort.java
* /guava-31-0-jre-sources-jar/com/google/common/cache/package-info.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Ticker.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
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* /guava-31-0-jre-sources-jar/com/google/common/hash/Hashing.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/BloomFilter.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ParseRequest.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
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* /guava-31-0-jre-sources-jar/com/google/common/io/Java8Compatibility.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Java8Compatibility.java
*
/guava-31-0-jre-sources-jar/com/google/common/hash/Java8Compatibility.java
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* /guava-31-0-jre-sources-jar/com/google/common/graph/AbstractBaseGraph.java
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jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ElementOrder.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/MapIteratorCache.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Comparators.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ValueGraphBuilder.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/NetworkBuilder.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/GraphBuilder.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
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* /guava-31-0-jre-sources-jar/com/google/common/graph/ForwardingGraph.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/StandardMutableValueGraph.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/DirectedGraphConnections.java
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* /guava-31-0-jre-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
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/guava-31-0-jre-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
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* /guava-31-0-jre-sources-jar/com/google/common/io/Closer.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredKeyMultimap.java
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/**
* Holder for web specializations of methods of {@code Floats}. Intended to be empty for regular
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* /guava-31-0-jre-sources-jar/com/google/common/primitives/SignedBytes.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /guava-31-0-jre-sources-jar/com/google/common/xml/XmlEscapers.java
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* /guava-31-0-jre-sources-jar/com/google/common/net/InternetDomainName.java
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* /guava-31-0-jre-sources-jar/com/google/common/net/UrlEscapers.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/SettableFuture.java
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* /guava-31-0-jre-sources-jar/com/google/common/graph/ImmutableGraph.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/MutableGraph.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/PredecessorsFunction.java
*
 /guava-31-0-jre-sources-jar/com/google/common/graph/Graphs.java
* /guava-31-0-jre-sources-jar/com/google/common/io/RecursiveDeleteOption.java
* /guava-31-0-jre-sources-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/SuccessorsFunction.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/Network.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ImmutableNetwork.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TopKSelector.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/EnumBiMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingObject.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Lists.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/package-info.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ArrayListMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ClassToInstanceMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/CompoundOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Ordering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Iterators.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ReverseOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/BiMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TreeMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingMapEntry.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/LinkedHashMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Maps.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ByFunctionOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ReverseNaturalOrdering.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/LinkedHashMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Multimaps.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/UsingToStringOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/NullsLastOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Multimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/HashMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingQueue.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Interner.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/LexicographicalOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractSortedSetMultimap.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingCollection.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Multisets.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/HashMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingListIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ComparatorOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/EnumHashBiMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/LinkedListMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingList.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingSortedSet.java

* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/MutableClassToInstanceMap.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/MapDifference.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ExplicitOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableList.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ListMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/NullsFirstOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/RegularImmutableSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TreeMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractBiMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractMapEntry.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractMapBasedMultiset.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/NaturalOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingConcurrentMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Multiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Synchronized.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ConcurrentHashMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractListMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractSetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingSortedMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Iterables.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Sets.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SingletonImmutableSet.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/CompactHashMap.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TransformedListIterator.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/DescendingMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingDeque.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingNavigableSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingImmutableList.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SortedMultisetBridge.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TransformedIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractNavigableMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingImmutableSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/EvictingQueue.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingImmutableMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AllEqualOrdering.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractMultimap.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredSetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableEnumMap.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/CompactLinkedHashMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredEntryMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/CompactLinkedHashSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/CompactHashSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TreeTraverser.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/RegularImmutableAsList.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java
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*/
/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingLock.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ImmutableLongArray.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ImmutableDoubleArray.java
*
 /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ImmutableIntArray.java
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*/
/*
  * This following method is a modified version of one found in
  * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
  * which contained the following notice:
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  * Other contributors include Andrew Wright, Jeffrey Hayes, Pat Fisher, Mike Judd.
  */

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*/
/**
* Holder for web specializations of methods of {@code Ints}. Intended to be empty for regular
* version.
*/

Found in path(s):
* /guava-31-0-jre-sources-jar/com/google/common/primitives/IntsMethodsForWeb.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/Dispatcher.java
*
 /guava-31-0-jre-sources-jar/com/google/common/eventbus/Subscriber.java
* /guava-31-0-jre-sources-jar/com/google/common/math/Quantiles.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/SubscriberRegistry.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/GwtTransient.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/JdkBackedImmutableSet.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/ImmutableSupplier.java
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*/
/**
* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
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*/

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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /guava-31-0-jre-sources-jar/com/google/common/io/ReaderInputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/AsyncCallable.java
*
 /guava-31-0-jre-sources-jar/com/google/common/hash/LittleEndianByteArray.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/Platform.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ConsumingQueueIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/MacHashFunction.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/FarmHashFingerprint64.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/CombinedFuture.java
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*/
/**
  * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
  * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
  * version.
  *
  * @throws UnsupportedOperationException always
  * @deprecated <b>Pass a key of type {@code Comparable}
 to use {@link
  *     ImmutableSortedMap#of(Comparable, Object)}.</b>
  */
```

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* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /guava-31-0-jre-sources-jar/com/google/common/io/LineBuffer.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/EnumMultiset.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/DeadEvent.java

* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/package-info.java
*
 /guava-31-0-jre-sources-jar/com/google/common/eventbus/EventBus.java
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* /guava-31-0-jre-sources-jar/com/google/common/base/FinalizableReferenceQueue.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/Subscribe.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/HashBiMap.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /guava-31-0-jre-sources-jar/com/google/common/io/MultiInputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/io/package-info.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Preconditions.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/Interners.java
* /guava-31-0-jre-sources-jar/com/google/common/io/Flushables.java
* /guava-31-0-jre-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/io/LineReader.java
*
 /guava-31-0-jre-sources-jar/com/google/common/base/Functions.java
* /guava-31-0-jre-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/base/FinalizableSoftReference.java
* /guava-31-0-jre-sources-jar/com/google/common/io/ByteStreams.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/AsyncEventBus.java
* /guava-31-0-jre-sources-jar/com/google/common/io/CharStreams.java
* /guava-31-0-jre-sources-jar/com/google/common/io/Closeables.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ExecutionList.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Charsets.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/DirectExecutor.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Defaults.java
* /guava-31-0-jre-sources-jar/com/google/common/base/FinalizableWeakReference.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Supplier.java
* /guava-31-0-jre-sources-jar/com/google/common/io/CountingInputStream.java
*
 /guava-31-0-jre-sources-jar/com/google/common/base/FinalizablePhantomReference.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Predicate.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ListenableFuture.java
* /guava-31-0-jre-sources-jar/com/google/common/base/AbstractIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Primitives.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Objects.java
* /guava-31-0-jre-sources-jar/com/google/common/base/FinalizableReference.java
* /guava-31-0-jre-sources-jar/com/google/common/io/Files.java
* /guava-31-0-jre-sources-jar/com/google/common/base/package-info.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Predicates.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Throwables.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/package-info.java
*
 /guava-31-0-jre-sources-jar/com/google/common/base/Function.java
* /guava-31-0-jre-sources-jar/com/google/common/io/Resources.java

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* /guava-31-0-jre-sources-jar/com/google/common/io/MoreFiles.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/MultimapBuilder.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableMapEntry.java
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* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingListMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java

* /guava-31-0-jre-sources-jar/com/google/common/collect/RowSortedTable.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java
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*/
```

```
/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
  * following header:
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  */
```

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* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
```

```
/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/
```

Found in path(s):
* /guava-31-0-jre-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java
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*/
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* /guava-31-0-jre-sources-jar/com/google/common/collect/SortedMultisets.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SortedMultiset.java

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*/
/**
  * Returns an array containing all of the elements in the specified collection. This method
  * returns the elements in the order they are returned by the collection's iterator. The returned
  * array is "safe" in that no references to it are maintained by the collection. The caller is
  * thus free to modify the returned
 array.
  *
  * <p>This method assumes that the collection size doesn't change while the method is running.
  *
  * <p>TODO(kevinb): support concurrently modified collections?
  *
  * @param c the collection for which to return an array of elements
  */
```

Found in path(s):
* /guava-31-0-jre-sources-jar/com/google/common/collect/ObjectArrays.java
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*/

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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/NullnessCasts.java
* /guava-31-0-jre-sources-jar/com/google/common/base/NullnessCasts.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/NullnessCasts.java
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* /guava-31-0-jre-sources-jar/com/google/common/primitives/Bytes.java
* /guava-31-0-jre-sources-jar/com/google/common/io/MultiReader.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Floats.java

*
 /guava-31-0-jre-sources-jar/com/google/common/base/Converter.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Ints.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /guava-31-0-jre-sources-jar/com/google/common/io/FileBackedOutputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/escape/UnicodeEscaper.java
* /guava-31-0-jre-sources-jar/com/google/common/escape/Escaper.java
* /guava-31-0-jre-sources-jar/com/google/common/base/CharMatcher.java
* /guava-31-0-jre-sources-jar/com/google/common/net/InetAddresses.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Chars.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FluentIterable.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Shorts.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Joiner.java
* /guava-31-0-jre-sources-jar/com/google/common/net/PercentEscaper.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Doubles.java
*
 /guava-31-0-jre-sources-jar/com/google/common/primitives/Longs.java
* /guava-31-0-jre-sources-jar/com/google/common/base/internal/Finalizer.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/Booleans.java
* /guava-31-0-jre-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java
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*/
/*
  * This method was written by Doug Lea with assistance from members of JCP JSR-166 Expert Group
  * and released to the public domain, as explained at
  * http://creativecommons.org/licenses/publicdomain
  *
  * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
  * java.util.HashMap
 class.
  */

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* /guava-31-0-jre-sources-jar/com/google/common/collect/ForwardingTable.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ArrayTable.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableSetMultimap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/TableCollectors.java

* /guava-31-0-jre-sources-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableTable.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableEnumSet.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SingletonImmutableList.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableSortedMap.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ComparisonChain.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableAsList.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/DiscreteDomain.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
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* /guava-31-0-jre-sources-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
*
 /guava-31-0-jre-sources-jar/com/google/common/reflect/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/graph/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/html/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/math/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/xml/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java

* /guava-31-0-jre-sources-jar/com/google/common/base/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/hash/ParametricNullness.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
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* /guava-31-0-jre-sources-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/io/ParametricNullness.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
*
 /guava-31-0-jre-sources-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /guava-31-0-jre-sources-jar/com/google/common/escape/ParametricNullness.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/ContiguousSet.java
* /guava-31-0-jre-sources-jar/com/google/common/annotations/Beta.java
*
 /guava-31-0-jre-sources-jar/com/google/common/primitives/package-info.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Equivalence.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Ascii.java
* /guava-31-0-jre-sources-jar/com/google/common/net/package-info.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Strings.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/Monitor.java
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* /guava-31-0-jre-sources-jar/com/google/common/hash/HashingInputStream.java
* /guava-31-0-jre-sources-jar/com/google/common/base/Verify.java
* /guava-31-0-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
*
 /guava-31-0-jre-sources-jar/com/google/common/collect/AbstractTable.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /guava-31-0-jre-sources-jar/com/google/common/reflect/TypeVisitor.java
* /guava-31-0-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
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* /guava-31-0-jre-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /guava-31-0-jre-sources-jar/com/google/common/collect/FilteredMultimapValues.java
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* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
 wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
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1.921 d3-selection 3.0.0

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