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# 1.9 txw2 2.3.2

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## 1.13 jakarta activation api 1.2.1

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## 1.16 bcpkix-jdk15on 1.60

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# 1.17 core-module 1.2.3

## 1.18 javax-inject 1

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 */
```

Found in path(s):

```
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Singleton.java
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Inject.java
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Scope.java
*
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Qualifier.java
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Named.java
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/Provider.java
* /opt/cola/permits/1000738314_1646171489.14/0/javax-inject-1-sources-jar/javax/inject/package-info.java
```

## 1.19 commons-configuration 1.8

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## 1.21 jersey-client 1.19.1

## 1.22 rx-netty-servo 0.4.9

## 1.23 jersey-apache-client 1.19.1

## 1.24 rx-netty-contexts 0.4.9

## 1.25 rx-netty 0.4.9

## 1.26 netflix-statistics 0.1.1

## 1.27 asm 5.0.4

### 1.27.1 Available under license :

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```
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```

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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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`/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/ClassNode.java`

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\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/TypeReference.java

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 jar/org/objectweb/asm/signature/package.html

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 jar/org/objectweb/asm/tree/analysis/package.html

\*

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\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/ASMifiable.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 `MethodVisitor` to send the resulting inlined  
\* method code to (use `null` 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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\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-  
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/IntInsnNode.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/FrameNode.java
- \*  
 /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/FieldInsnNode.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/FieldWriter.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/SimpleRemapper.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
- \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Attribute.java
- \*  
 /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/TraceMethodVisitor.java
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jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/VarInsnNode.java
*
/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
*
/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/AnnotationVisitor.java
*

```

```

/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/JumpInsnNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/Method.java
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* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/MethodNode.java
*
/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Type.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/util/CheckMethodAdapter.java
*
/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/MethodOptimizer.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Label.java
*

```

/opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/ByteVector.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/signature/SignatureReader.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/InnerClassNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Handle.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/InsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/analysis/Analyzer.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/TraceClassVisitor.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
 \*  
 /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/MethodInsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/FieldNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/AnnotationWriter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/analysis/Interpreter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/LocalVariableNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/InsnList.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/analysis/Frame.java  
 \*  
 /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/Remapper.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/Printer.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/Shrinker.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/InsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/InstructionAdapter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
 \* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/ClassVisitor.java  
 \*

/opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/LineNumberNode.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/MethodWriter.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/LdcInsnNode.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/ClassReader.java  
\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Edge.java  
\*  
/opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/Opcodes.java  
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\*/

/\*\*

\* Constructs a new {[@link LocalVariableAnnotationNode](#)}. *Subclasses must*  
\* not use this constructor. 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 first 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.
*/
```

Found in path(s):

```
*/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
```

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```
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```

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```



Found in path(s):

```
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/xml/ASMContentHandler.java
*
/opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/xml/SAXAdapter.java
* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
```

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\*/

/\*\*\*

\* Creates a new {[@link AnalyzerAdapter](#)}. <i>Subclasses must not use this

```

* constructor</i>. 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.
*/

```

Found in path(s):

```

* /opt/cola/permits/1000741800_1646171538.12/0/asm-5-0-4-sources-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

```

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\*/

/\*\*

\* Constructs a new {@link Textifier}. *Subclasses must not use this*

\* constructor*</i>. Instead, they must use the {@link #Textifier(int)}*

\* version.

\*

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/util/Textifier.java

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\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/shrink.properties

\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/shrink-signatures.properties

\*

/opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/shrink-writer.properties

\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/shrink-frames.properties

\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/optimizer/shrink-annotations.properties

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 */

```

```

/**
 * Creates a new {@link GeneratorAdapter}. Subclasses must not use this
 * constructor. 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.
 */

```

Found in path(s):

\* /opt/cola/permits/1000741800\_1646171538.12/0/asm-5-0-4-sources-jar/org/objectweb/asm/commons/GeneratorAdapter.java

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## 1.30 xml-pull 1.1.3.1

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## 1.31 animal-sniffer-annotation 1.17

## 1.32 cglib 3.2.0

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## 1.52 spring-cloud-context 2.1.1

## 1.53 spring-cloud-starter 2.1.1

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## 1.54 javassist 3.24.0

# 1.55 ribbon-loadbalancer 2.3.0

# 1.56 ribbon-core 2.3.0

# 1.57 spring-cloud-starter-netflix-ribbon 2.1.1

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## 1.59 ribbon-transport 2.3.0

## 1.60 servo-core 0.12.21

## 1.61 ribbon 2.3.0

## 1.62 ribbon-httpclient 2.3.0

## 1.63 spring-cloud-netflix-hystrix 2.1.1

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Joshua Hight

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The following people and organisations donated financially to help with the release of 1.57:

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Joop Kaashoek and Pexus LLC.

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<p>

We also wish to acknowledge financial and collaborative support from <a href="https://www.cisco.com/">CISCO</a> and additional financial support from <a href="https://www.primekey.com/">PrimeKey</a> towards developing the EST API for RFC 7030 support.

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The following people and organisations donated financially to help with the release of 1.56:

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DidiSoft, Cotiviti, Atanas Krachev, Encryptomatic LLC, LogicalAnswersIncSupporter

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The following people and organisations donated financially to help with the release of 1.53:

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Sheba, Ishmal Bartley, and Li-Chang Johnny Lo

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The following people and organisations donated financially to help with the release of 1.52:

<br />

lecker&#064buetterchen.de, Charles Proxy, Gunny Mills, Morgan Le Douget, Ben Whitaker, and Emilio Navarrete Lineros.

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<p>

The following people and organisations donated financially to help with the release of 1.51:

<br />

Gup & Boz @ Alki Seattle, Bytemine GmbH, Ted Pennings, Atanas

Krachev, PrimeKey Solutions AB, Martin Paljak, CorseraFri19980116, CPU Terminator, Lindsay Bradford, kares, Philius, and Aaron Anderson.

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Organisations

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<ul>

<li>Holders of <a href="https://www.cryptoworkshop.com">Crypto Workshop Support Contracts</a>. Without the consulting time left over from support contracts being contributed back to working on the Bouncy Castle APIs, progress would be impossible. You know who you are!</li>

<li><a href="http://www.atlassian.com/">Atlassian Software Systems</a> donation of Confluence and JIRA licences.</li>

<li><a href="http://www.grierforensics.com/">Grier Forensics</a>, for collaborating in the development of the S/MIME Toolkit and DANE SMIMEA functionality.</li>

<li>TU-Darmstadt, Computer Science Department, RBG, for the initial lightweight client side TLS implementation, which is based on MicroTLS and for help with qTESLA implementation. MicroTLS was developed by Erik Tews under the supervision of Dipl.-Ing. Henning Baer and Prof. Max Muehlhaeuser. qTESLA assistance was provided by Nina Bindel and Yinhua Xu.

</li>

<li>TU-Darmstadt, Computer Science Department, RBG, for the initial Post Quantum provider, which was based on the FlexiProvider. The FlexiProvider was developed by the Theoretical Computer Science Research Group at TU-Darmstadt, Computer Science Department, RBG under the supervision of Prof. Dr. Johannes Buchmann. More information on the history of FlexiProvider can be found at:

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<li>Voxeo Labs - sponsorship of the initial development of APIs for DTLS 1.0 (RFC 4347), DTLS-SRTP key negotiation (RFC 5764), and server side TLS 1.1 (RFC 4346) and tested WebRTC compatibility. More information on Voxeo Labs can be found at <a href="http://voxeolabs.com">http://voxeolabs.com</a></li>

<li><a href="https://www.coreinfrastructure.org/">Core Infrastructure Initiative</a> - financial support towards developing the TLS API and JSSE provider that appeared in 1.56.</li>

<li>Additional CertPath testing and validation data from the CertPath testing tool developed by <a href="https://www.cryptosource.de">cryptosource GmbH</a> and <a href="https://www.mtg.de">media Transfer AG</a> both located in Darmstadt, Germany.</li>

<li><a href="https://www.microfocus.com/">Micro Focus</a> - additional support towards further developing the TLS/DTLS API and the BCJSSE provider.</li>

</ul>

<p>

People

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<ul>

<li>Tito Pena &lt;Fortunato.Pena&#064;AdNovum.CH&gt; - initial RC5 implementation</li>

<li>Michael Lee &lt;yfl&#064;mira.net&gt; - initial RC6 implementation, MD2 implementation</li>

<li>Nuno Santos &lt;nsantos&#064;student.dei.uc.pt&gt; - finding toString bug in certificate object.</li>



- <li>Brett Sealey &lt;bretts&#064;mortbay.com&gt; - fixing the missing return problem in JDKKeyFactory (affected SSLLeay private keys).</li>
- <li>Victor A. Salaman &lt;salaman&#064;tekno.com&gt; - fixing the bug in Cipher.java which caused it to ignore specified providers, fixing the bug in RSAKeyGenerator which caused keys to be occasionally produced 1 bit too small.</li>
- <li>Eran Librach &lt;eranl&#064;valicert.com&gt; - spotting and fixing the classLoader bug that occurs if javax.crypto and the provider aren't sharing the same classpath (occurs in JDK 1.3 and greater).</li>
- <li>Jonathan Knudsen &lt;jonathan&#064;LearningPatterns.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment.</li>
- <li>Markus Niedermann &lt;markus.niedermann&#064;softwired-inc.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment.</li>
- <li>Mike Benham &lt;moxie&#064;thoughtcrime.org&gt; - detection and fixing of an incorrect weak key in the DES key generation support classes. Suggestions for simplifying DESedeParameter objects. Optimisations for the Blowfish engine and BufferedBlockCipher class.</li>
- <li>Soren Hilmer &lt;hilmer&#064;mail.tele.dk&gt; - initial implementation of netscape certificate request classes.</li>
- <li>Uwe Guenther &lt;uwe&#064;csc.de&gt; - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes.</li>
- <li>Markus Bradtke &lt;mab&#064;informatik.uni-kiel.de&gt; - fixing of a logic error in the JDKKeyStore class.</li>
- <li>Waclaw Sierak &lt;waclaw.sierak&#064;tpg.pl&gt; - fix to setOddParity in the DESParameter class. Assistance with adding ordering to X509 names for certificate generation, proper processing of byte strings in the ASN1 package, further simplifications and additional classes to improve pkcs7 support, bug fixes in CertPath API.</li>
- <li>Ly-Na Phu &lt;lyna.phu&#064;init-consulting.de&gt; - assistance in the addition of ISO 9796-1 padding.</li>
- <li>Stefan K&ouml;mpsell &lt;sk13&#064;mail.inf.tu-dresden.de&gt; - making the jdk 1.1 version of the collections API available. For further details see <a href="http://sourceforge.net/projects/jcf/">http://sourceforge.net/projects/jcf/</a></li>
- <li>Carmen Bastiaans &lt;cbastiaa&#064;microbits.com.au&gt; - fixing the improper null pointer problem in the setting of certificates in the PKCS12 key store.</li>
- <li>Tomas Gustavsson &lt;tomasg&#064;primekey.se&gt; - initial implementation of the AuthorityInformationAccess, SubjectKeyIdentifier, AuthorityKeyIdentifier, CRLNumber, CRLReason, CertificatePolicies, V2TBSCertListGenerator, and X509V2CRLGenerator classes in the ASN.1 library. Additions to GeneralName class, other bug fixes in the X.509 package. Initial implementation of the CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent ClassCastException.</li>
- <li>Eugen Kuleshov &lt;euxx&#064;hotmail.com&gt; - optimisations for Blowfish, assistance with PKCS12/keytool interoperability.
- <li>Megan Woods &lt;meganwoods&#064;sekurafle.com&gt; - initial implementation of ECIES.</li>
- <li>Christian Geuer-Pollmann &lt;geuery&#064;apache.org&gt; - adding IV's to

the AESWrap implementations. Initial implementation of DESedeWrap.</li>

- <li>Michael M<#252;hle &lt;michael<#064;mouling.de>> - contributing the initial CertPath implementation and compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibility class.</li>
- <li>Michael Mansell &lt;me<#064;michaelmansell.com>> - fixing the parsing of the empty DER set in the ASN.1 library.</li>
- <li>Eike Recker &lt;eike.recker<#064;gmx.de>> - fixing misspelling of provider reference for RSA/1 and RSA/2.</li>
- <li>Chris Southern &lt;CSouthern<#064;baltimore.com>> - fixing misuse of specified provider in the PKCS10 certification request class.</li>
- <li>Sidney Markowitz &lt;sidney<#064;sidney.com>> - fixing null pointed exception on unknown OID in X509Name class, initial implementation of the three AES engines.</li>
- <li>Chris Kerr &lt;ckerr<#064;filonet.ca>> - initial implementation of the cms, asn1.cms, and the mail/smime packages, assistance in simplifying the ASN.1 package, miscellaneous other optimisations, NIST CertPath certification test, PKIXPolicyNode class, CertPath subtree validation and policy tree construction. We also wish to acknowledge the generosity of Filonet Corporation for allowing Chris to make the initial cms and mail/smime packages available to us.</li>
- <li>Mike Bean &lt;mbean<#064;lucentradius.com>> - fixing the fall through bug in the IV algorithm parameters class.</li>
- <li>Martin Petraschek &lt;e9526225<#064;student.tuwien.ac.at>> - fixing ASN1 tagging so tag values up to 30 are now supported.</li>
- <li>Jess Garms &lt;jgarms<#064;yahoo.com>> - fixing 112/168 key size bug for DESede key generation.</li>
- <li>Mike Bremford &lt;mike<#064;big.faceless.org>> - contributing the initial PKCS7 implementation.</li>
- <li>Shankar Srinivasan &lt;ssr002<#064;yahoo.com>> - S/Mime interoperability testing and debugging.</li>
- <li>Stef Hoeben &lt;ilsestef<#064;skynet.be>> - adding Montgomery multiplication to the BigInteger class.</li>
- <li>Klaudiusz Ciosk &lt;kciosk<#064;max.com.pl>> - improving the compatibility of the SMIME package with the Sun JCE.</li>
- <li>Thomas Houtekier &lt;Thomas.Houtekier<#064;tectrade.net>> - S/Mime testing and debugging. Interoperability with Biztalk.</li>
- <li>Don Hillsberry &lt;hillsber<#064;dialcorp.com>> - S/Mime testing and debugging.</li>
- <li>Kazuo Furuya &lt;kfuruya<#064;infotera.co.jp>> - fixing root certificate chaining bug in PKCS12 key store.</li>
- <li>Jason Novotny &lt;jdnovotny<#064;lbl.gov>> - initial work on the openssl PEM processing.</li>
- <li>Joel Hockey &lt;joel.hockey<#064;qsipayments.com>> - initial work on the openssl PEM processing.</li>
- <li>John Steenbruggen &lt;JohnS<#064;geotrust.com>> - fixing CertificationRequestInfo to handle cert request info objects without attribute blocks.</li>
- <li>Justin Chapweske &lt;justin<#064;chapweske.com>> - ordering patch for Tiger message digest.</li>
- <li>John Serock &lt;jserock<#064;hotmail.com>> - fixing null pointer exception in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId. Compliance of KeyUsage extension return value with security API.</li>
- <li>Sascha Weinreuter &lt;Sascha.Weinreuter<#064;cit.de>> - fixed SMIME saveChanges() bug.</li>

- <li>Andre Wehnert &lt;aw5&#064;mail.inf.tu-dresden.de&gt; - fixing key schedule problem in RC5-64, fixing buffer cleaning issue in buffered block cipher.</li>
- <li>Luigi Lo Iacono &lt;lo\_iacono&#064;nue.et-inf.uni-siegen.de&gt; - adding SIC mode to the blockciphers in the provider.</li>
- <li>Tim Sakach &lt;tsakach&#064;certivo.net&gt; - SMIME v2 compatibility patches.</li>
- <li>Marcus Povey &lt;mpovey&#064;brookes.ac.uk&gt; - adding the PGP mode to the lightweight API and the provider.</li>
- <li>Sebastian Clau&szlig; &lt;sc2&#064;inf.tu-dresden.de&gt; - adding randomness setting to the certificate and CRL generators.</li>
- <li>Nicolas Bielza &lt;nicolas.bielza&#064;alligacom.com&gt; - isolating the tagging bug in the ASN.1 library that was misrepresenting some ASN.1 constructed data types. Contributions to the streaming S/MIME classes.</li>
- <li>Casey Marshall &lt;rsdio&#064;metastatic.org&gt; - fixing the clone problem with Macs in the clean room JCE.</li>
- <li>Rick Zeldes &lt;rick.zeldes&#064;eds.com&gt; - initial code for CMS/SMIME CompressedData.</li>
- <li>Jarek Gawor &lt;gawor&#064;mcs.anl.gov&gt; - fixing ASN.1 sequence unpacking in BasicConstraints constructor.</li>
- <li>Brett Neumeier &lt;random&#064;rnd.cx&gt; - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.</li>
- <li>Graham Coles &lt;graham.coles&#064;retail-logic.com&gt; - patch to isParityAdjusted in DESKeySpec.</li>
- <li>J&ouml;rn von Kattch&eacute;e &lt;J.Kattchee&#064;seeburger.de&gt; - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.</li>
- <li>Matteo Artuso &lt;matartuso&#064;libero.it&gt; - picking up the possible overread in ASN1InputStream.</li>
- <li>Julian Morrison &lt;julian&#064;extropy.demon.co.uk&gt; - spotting the slow down in Diffie-Hellman key generation.</li>
- <li>Elmar Sonnenschein &lt;eso&#064;esomail.de&gt; - fix to long conversion in clean room SecureRandom.</li>
- <li>J&ouml;rn Schwarze &lt;JSchwarze&#064;ulc.de&gt; - Locale fix for the clean room JCE.</li>
- <li>Bryan Lovquist &lt;bkl&#064;cps.com.au&gt; - Other provider compatibility fixes for CMS signing.</li>
- <li>Artem Portnoy &lt;Artem\_Portnoy&#064;ibi.com&gt; - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.</li>
- <li>Michael H&auml;usler &lt;haeusler&#064;ponton-consulting.de&gt; - missing OID update for SHA1 with RSA Signature.</li>
- <li>Johan Seland &lt;johans&#064;netfonds.no&gt; - general toString for BigInteger class.</li>
- <li>Johannes Nicolai &lt;johannes.nicolai&#064;novosec.com&gt; - further enhancements to OCSP response generation, fix to CertificateID issuer.</li>
- <li>Marc Doberva &lt;marc.doberva&#064;ilex-si.com&gt; - help in isolating the JSSE/BC RSA key issue.</li>
- <li>Jan Dvorak &lt;jan.dvorak&#064;mathan.cz&gt; - initial implementation of the light weight Null block cipher.</li>
- <li>Joe Cohen &lt;jcohen&#064;forumsys.com&gt; - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.</li>
- <li>Chris Long&lt;aalong&#064;ece.cmu.edu&gt; - adding public key decoding to PEMReader.</li>
- <li>Hes Siemelink&lt;hes&#064;izecom.com&gt; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.</li>
- <li>Stefan Puiu&lt;stefanpuiu&#064;yahoo.com&gt; - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.</li>

<li>Kaiser Yang &lt;kaiseryang&#064;yahoo.com&gt; - Finding BigInteger loop problem in prime generation.</li>  
<li>Jiri Urbanec &lt;jiri.urbanec&#064;logicacmg.com&gt; - patch to fix defect in DERBMPString.equals().</li>  
<li>Justin Kolb &lt;jkolb&#064;pristx.com&gt;  
- patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.</li>  
<li>Ralf Hauser &lt;ralfhauser&#064;gmx.ch&gt; - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.</li>  
<li>Michal Dvorak &lt;M\_Dvorak&#064;kb.cz&gt; - getNextUpdate patch for OCSP SingleResp.</li>  
<li>Klaus Greve Fiorentini &lt;Klaus&#064;cpqd.com.br&gt; - array fix in PGP PublicKeyEncSessionPacket.</li>  
<li>Olivier Refalo &lt;Olivier\_Refalo&#064;fpl.com&gt; - null pointer exception fix for JDK 1.3 CMSSignedData objects.</li>  
<li>Mariusz Bandola &lt;mariusz.bandola&#064;cryptotech.com.pl&gt; - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.</li>  
<li>Brien Oberstein &lt;brien.oberstein&#064;transacttools.net&gt;  
- patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.</li>  
<li>Ian Haywood &lt;ian&#064;haywood.bpa.nu&gt; - addition of getSignatureType to PGPSignature.</li>  
<li>Jonathan Edwards &lt;s34gull&#064;mac.com&gt; - initial support for reading multiple rings from a PGP key file.</li>  
<li>Andrew Thornton &lt;andrew&#064;caret.cam.ac.uk&gt; - patch for RSA PUBLIC KEY in PEMReader.</li>  
<li>Gregor Leander &lt;gl&#064;bos-bremen.de&gt; - initial parsing of multiple sequence entries in an X.500 Name.</li>  
<li>Antoon Bosselaers &lt;Antoon.Bosselaers&#064;esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.</li>  
<li>Peter Sylvester &lt;Peter.Sylvester&#064;edelweb.fr&gt; - improvements to the ASN.1 BasicConstraints object.</li>  
<li>Doug &lt;ummmmm&#064;myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.</li>  
<li>Francois Staes &lt;fstaes&#064;netconsult.be&gt;  
- improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString, addition of setttable signed object info to CMSSignedDataGenerator, patch to DH key agreement.</li>  
<li>W.R. Dittmer &lt;wdittmer&#064;cs.vu.nl&gt; - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPPKeyPair to fix nullpointer exception.</li>  
<li>Perez Paz Luis Alberto &lt;laperez&#064;banxico.org.mx&gt; - patch to use of BitString in X.500 name.</li>  
<li>James Wright &lt;James\_Wright&#064;harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.</li>  
<li>Jim Ford &lt;jim&#064;muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.</li>  
<li>Michael Hausler &lt;haeusler&#064;ponton-consulting.de&gt; - extra aliases for provider.</li>  
<li>Sai Pullabhotla &lt;psai&#064;linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.</li>  
<li>Joseph Miller &lt;joseph&#064;digiweb.net.nz&gt; - addition of ZeroBytePadding.</li>  
<li>Lars &lt;xyz&#064;sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.</li>  
<li>Jeroen van Vianen &lt;jeroen&#064;vanvianen.nl&gt; - the Signed and Encrypted mail example.</li>

- <li>Jun Sun &lt;JSun&#064diversinet.com&gt; - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.</li>
- <li>Petr Dukem &lt;pdukem&#064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.</li>
- <li>Filipe Silva &lt;filipe.silva&#064wedoconsulting.com&gt; - patch to fix overread issue in BCPGInputStream.</li>
- <li>Alpesh Parmar &lt;alps&#064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().</li>
- <li>Jay Gengelbach &lt;jgengelbach&#064webmethods.com&gt; - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.</li>
- <li>Doug &lt;doug&#064tigerprivacy.com&gt; - public key ring patches for ElGamal Signatures, problem key ring data.</li>
- <li>Matthew Mundy &lt;mmundy1&#064umbc.edu&gt; - infinite loop prevention patch to PKCS5S2ParametersGenerator.</li>
- <li>Tom Cargill &lt;cargill&#064profcon.com&gt; - spelling patch in provider.</li>
- <li>Breitenstrom Christian &lt;C.Breitenstrom&#064t-systems.com&gt; - compatibility patch to SignaturePacket, DetachedSignatureProcessor.</li>
- <li>Zanotti Mirko &lt;zanotti&#064cad.it&gt; - patch to ordered equality test for X509Name.</li>
- <li>Nicola Scandoni &lt;nscandoni&#064babelps.it&gt; - patch to add sorting to CertPath validation.</li>
- <li>Ville Skytt&#064iki.fi&gt; - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.</li>
- <li>Bruce Gordon &lt;bruce.gordon&#064savvis.net&gt; - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.</li>
- <li>Miles Whiteley &lt;Miles.Whiteley&#064savvis.net&gt; - "223" fix for BCPGInputStream new packets.</li>
- <li>Albert Moliner &lt;amoliner&#064evintia.com&gt; - initial TSP implementation.</li>
- <li>Carlos Lozano &lt;carlos&#064evintia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.</li>
- <li>Javier Delgado &lt;javi&#064javi.codewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.</li>
- <li>Joni Hahkala &lt;joni.hahkala&#064cern.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the <a href="http://www.eu-egee.org">EGEE project</a> for making the work available.</li>
- <li>Rolf Schillinger&lt;rolf&#064sir-wum.de&gt; - initial implementation of Attribute Certificate generation.</li>
- <li>Sergey Bahtin &lt;Sergey\_Bahtin&#064yahoo.com&gt; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.</li>
- <li>Franck Leroy &lt;Franck.Leroy&#064keynectis.com&gt; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.</li>
- <li>Atsuhiko Yamanaka &lt;ymnk&#064jcraft.com&gt; - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.</li>
- <li>Nickolay Bolshakov &lt;tyrex&#064reksoft.ru&gt; - patch for class cast exception in AuthorityInformationAccess class.</li>
- <li>Soren Hilmer &lt;soren.hilmer&#064tietoenator.com&gt; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.</li>
- <li>Steve Mitchell &lt;mitchell&#064intertrust.com&gt;

- patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP. Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.
- Dirk Eisner <D.Eisner@seeburger.de> - initial implementation of ISO 78164-4 padding.
- Julien Pasquier <julienpasquier@free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.
- Matteo <matartuso@libero.it> - sequence patch to ASN1Dump.
- Andrew Paterson <andrew.paterson@burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.
- Vladimir Molotkov <vladimir.n.molotkov@intel.com> - extensive provider exception handling compliance testing.
- Florin Kollan <adlocflo@web.de> - fix to ElGamalKeyParameters equality testing.
- Pavel Vassiliev <paulvas@gmail.com> - Initial GOST28147Mac implementation.
- Tom Pesman <tom@tlinux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
- Lukasz Kowalczyk <lukasz.b.kowalczyk@gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.
- Arndt Hasch <Arndt.Hasch@maxence.de> - additional fix for partial reading with new style PGP packets.
- Fix Bernd (KCDP 11) <bernd.fix@credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.
- David M. Lee <dmlee@Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
- Mike Dillon <md5@embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.
- tu-vi cun <t2cun@hotmail.com> - patch for out of bounds problem in getDecoderStream method.
- Chris Schultz <cschultz@gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.
- David M. Lee <dmlee@Crossroads.com> - implementation assistance with streaming CMS classes.
- Joel Rees <rees@ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
- Francesc Sau <francesc.sau@partners.netfocus.es> - micro fix for tsp Accuracy class.
- Larry Bugbee <bugbee@mac.com> - initial ECNR implementation.
- Remi Blancher <Remi.Blancher@keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
- Brian O'Rourke <brianorourke@gmail.com> - patch for signature creation time override in OpenPGP.
- Andreas Schwier <andreas.schwier@cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
- David Josse <david.josse@transacttools.net> - Patch for trailer function in version 2 signature packets.
- Kishimoto Kazuhiko <kazu-k@hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath

validator. Additional test data not covered by NIST.</li>  
<li>Lawrence Tan &lt;lwrnctan&#064gmail.com&gt; - Large field OID sample test data. Missing key types in JDKKeyFactory.</li>  
<li>Carlos Valiente &lt;superdupont&#064gmail.com&gt; - Addition of CRL writing to the PEMWriter class.</li>  
<li>Keyon AG, Martin Christinat, <a href="http://www.keyon.ch">http://www.keyon.ch</a> - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.</li>  
<li>Olaf Keller, &lt;olaf.keller.bc&#064bluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.</li>  
<li>J&ouml;rg Eichhorn &lt;eichhorn&#064ponton-consulting.de&gt; - patch to fix EOF read on SharedFileInputStream, support for F2m compression.</li>  
<li>Karsten Ohme &lt;widerstand&#064t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.</li>  
Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design.  
CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.</li>  
<li>Carlos Lozano Ruiz &lt;carlos&#064tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.</li>  
<li>John Alfred Prufrock &lt;j.a.prufrock&#064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.</li>  
<li>Stefan Neusatz Guillen &lt;sneusatz&#064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.</li>  
<li>Marzio Lo Giudice &lt;marzio.logiudice&#064gmail.com&gt; - fix to endianness in KDF2BytesGenerator, additional KDF2 tests.</li>  
<li>Georg Lippold &lt;georg.lippold&#064gmx.de&gt; - initial implementation of NaccacheStern cipher.</li>  
<li>Chris Viles &lt;chris\_viles&#064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.</li>  
<li>Pasi Eronen &lt;Pasi.Eronen&#064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.</li>  
<li>Lijun Liao &lt;https://github.com/xipki&gt; performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream. Addition of getSignatureAlgorithmID to BasicOCSPResp. Reset fix for SM2 signatures, performance improvements for SHA-3. Clean up of CMP EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method.</li>  
<li>Maria Ivanova &lt;maria.ivanova&#064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.</li>  
<li>Armin H&auml;berling &lt;arminha&#064student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.</li>  
<li>Marius Schilder &lt;mschilder&#064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.</li>

- <li>Xavier Le Vourch <lt;xavier@#064brittanysoftware.com>> - general code clean ups.</li>
- <li>Erik Tews <lt;e\_tews@#064cdc.informatik.tu-darmstadt.de>> - initial threaded random seed generator, constant-time PKCS#1.5 decoding</li>
- <li>Thomas Dixon <lt;reikomusha@#064gmail.com>> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.</li>
- <li>Frank Cornelis <lt;info@#064frankcornelis.be>>;- addition of crlAccessMethod in X509ObjectIdentifiers.</li>
- <li>Rui Joaquim <lt;rjoaquim@#064cc.isel.ipl.pt>> - initial implementation of RSA blinding for signatures.</li>
- <li>David Stacey <lt;DStacey@#064allantgroup.com>> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.</li>
- <li>Martijn Brinkers <lt;list@#064mitm.nl>> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.</li>
- <li>Julius Davies <lt;juliusdavies@#064gmail.com>> - additional modes and algorithm support in PEMReader</li>
- <li>Matthias <lt;g@#064rtner.de>> - GnuPG compatibility changes for PBEFileProcessor.</li>
- <li>Olga K&uuml;thler <lt;olga.kaethler@#064hjp-consulting.com>> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.</li>
- <li>Germano Rizzo <lt;germano.rizzo@#064gmail.com>> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.</li>
- <li>N&uacute;ria Mar&iacute; <lt;numaa@#064hotmail.com>> - patch for alternate data type recognition in CMSSignedDataParser.</li>
- <li>Janis Schuller <lt;js@#064tzi.de>> - addition of NotationData packets for OpenPGP.</li>
- <li>Michael Samblanet <lt;mike@#064samblanet.com>> - patches towards improved Sun/default provider support in CMS.</li>
- <li>Mike StJohns <lt;mstjohns@#064comcast.net>> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.</li>
- <li>Ramon Keller <lt;ramon.keller@#064gmx.ch>> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.</li>
- <li>Mark Nelson <lt;mark@#064nbr.com>> - correction to excluded DN in name constraints processing for PKIX processing.</li>
- <li>Eugene Golushkov <lt;eugene\_gff@#064ukr.net>> - mask fix to single byte read in TlsInputStream.</li>
- <li>Julien Pasquier <lt;julienpasquier@#064free.fr>> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.</li>
- <li>Peter Knopp <lt;pknopp@#064mtg.de>> - fix for named curve recognition in ECGOST key generation.</li>
- <li>Jakub Gwozdz <lt;gwozdz@#064rpg.pl>> - addition of getTsa() to TimeStampTokenInfo.</li>
- <li>Bartosz Malkowski <lt;bmalkow@#064tigase.org>> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.</li>
- <li>Tal Yacobi <lt;tal.yacobi@#064octavian-tech.com>> - fix for issue in OpenPGP examples [#BJA-55].</li>
- <li>Massimiliano Ziccardi <lt;massimiliano.ziccardi@#064gmail.com>> - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.</li>
- <li>Andrey Pavlenko <lt;andrey.a.pavlenko@#064gmail.com>> - security manager patch for PKCS1Encoding property check.</li>
- <li>J Ross Nicoll <lt;jrn@#064jrn.me.uk>> - improved exception handling for getInstance() in ASN.1 library.</li>
- <li>Matthew Stevenson <lt;mavricknz@#064yahoo.com>> - patch to construtor for CRMF CertSequence.</li>



<li>Gabriele Contini &lt;gcontini@#064hotpop.com>; - identified a bug in ASN.1 library with handling of unterminated NDEF's.</li>

<li>Roelof Naude &lt;roelof.naude@#064epiuse.com>; - patch for TLS client to send empty client certs in response to HP\_CERTIFICATE\_REQUEST.</li>

<li>Patrick Peck &lt;peck@#064signaturen.at>; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.</li>

<li>Michael LeMay &lt;lemaymd@#064lemaymd.com>; - identified problem with EAX [#BJA-93].</li>

<li>Alex Dupre &lt;ale@#064FreeBSD.org>; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]</li>

<li>Michael Schoene &lt;michael@#064sigrid-und-michael.de>; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().</li>

<li>Ion Larra&ntilde;aga &lt;ilarra@#064s21sec.com>; fix to default partial packet generation in BCPGOutputStream.</li>

<li>Bob Kerns &lt;bob.kerns@#064positscience.com>; fix to hashCode for X509CertificateObject.</li>

<li>Stefan Meyer &lt;stefan.meyer@#064ewe.de>; backport for PKIXCertPathValidator and SMIMESignedMailReviewer.</li>

<li>Robert J. Moore &lt;Robert.J.Moore@#064allanbank.com>; speedups for OpenPGPCFB mode, clean room JCE patches.</li>

<li>Rui Hodai &lt;rui@#064po.ntts.co.jp>; speed ups for Camellia implementation, CamelliaLightEngine.</li>

<li>Emir Bucalovic &lt;emir.bucalovic@#064mail.com>; initial implementation of Grain-v1 and Grain-128.</li>

<li>Torbjorn Svensson &lt;tobbe79@#064gmail.com>; initial implementation of Grain-v1 and Grain-128.</li>

<li>Paul FitzPatrick &lt;bouncycastle\_pfitz@#064fitzpatrick.cc>; error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>

<li>Henrik Andersson &lt;k.henrik.andersson@#064gmail.com>; addition of UniqueIssuerID to certificate generation.</li>

<li>Cagdas Cirit &lt;cagdascirit@#064gmail.com>; subjectAlternativeName fix for x509CertStoreSelector.</li>

<li>Harakiri &lt;harakiri\_23@#064yahoo.com>; datahandler patch for attached parts in SMIME signatures.</li>

<li>Pedro Henriques &lt;pmahenriques@#064gmail.com>; explicit bounds checking for DESKeyGenerator, code simplification for OAPEncoding.</li>

<li>Lothar Kimmeringer &lt;job@#064kimmeringer.de>; verbose mode for ASN1Dump, support for DERExternal, DNS performance fix for S/MIME API.</li>

<li>Richard Farr &lt;rfarr.se@#064gmail.com>; initial SRP-6a implementation.</li>

<li>Thomas Castiglione &lt;castiglione@#064au.ibm.com>; patch to encoding for CRMF OptionalValidity.</li>

<li>Elisabetta Romani &lt;eromani@#064sogei.it>; patch for recognising multiple counter signatures.</li>

<li>Robin Lundgren &lt;r737lundgren@#064gmail.com>; CMPCertificate constructor from X509CertificateStructure fix.</li>

<li>Petr Kadlec &lt;mormegil@#064centrum.cz>; fix to sign extension key and IV problem in HC-128, HC-256.</li>

<li>Andreas Antener &lt;antener\_a@#064gmx.ch>; fix to buffer reset in AsymmetricBufferedBlockCipher.</li>

<li>Harendra Rawat &lt;hsrawat@#064yahoo.com>; fix for BERConstructedOctetString.</li>

<li>Rolf Lindemann &lt;lindemann@#064trustcenter.de>; patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].</li>

<li>Alex Artamonov &lt;alexart.home@#064gmail.com>; name look up patch for GOST-2001 parameters.</li>

- <li>Mike Lyons &lt;mlyons@layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
- <li>Chris Cole &lt;chris\_h\_cole@yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.</li>
- <li>Tomas Krivanek &lt;tom@atak.cz&gt; added checking of Sender header to SignedMailValidator.</li>
- <li>Michael &lt;emfau@online.de&gt; correction of field error in getResponse method in CertRepMessage.</li>
- <li>Trevor Perrin &lt;trevor@cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.</li>
- <li>Markus Kil&aring;s &lt;markus@primekey.se&gt; several enhancements to TimeStampResponseGenerator.</li>
- <li>Dario Novakovic &lt;darionis@yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.</li>
- <li>Michael Smith &lt;msmith@cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
- <li>Andrea Zilio &lt;andrea.zilio@gmail.com&gt; fix for PEM password encryption of private keys.</li>
- <li>Alex Birkett &lt;alex@birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].</li>
- <li>Wayne Grant &lt;waynedgrant@gmail.com&gt; additional OIDs for PKCS10 and certificate generation support.</li>
- <li>Frank Cornelis &lt;info@frankcornelis.be&gt; additional support classes for CADES, enhancements to OCSP classes.</li>
- <li>Jan Dittberner &lt;jan@dittberner.info&gt; addHeader patch for SMIME generator.</li>
- <li>Bob McGowan &lt;boab.mcgoo@btinternet.com&gt; patch to support different object and mgf digests in PSS signing.</li>
- <li>Ivo Matheis &lt;i.matheis@seeburger.de&gt; fix to padding verification in ISO-9796-1.</li>
- <li>Marco Sandrini &lt;nessche@gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
- <li>Alf Malf &lt;alfmalf@hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
- <li>Alfonso Massa &lt;alfonso.massa@insiel.it&gt; contributions to CMS time stamp classes.</li>
- <li>Giacomo Boccardo &lt;gboccardo@unimaticspa.it&gt; initial work on CMSTimeStampedDataParser.</li>
- <li>Arnis Tartu &lt;arnis@ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.</li>
- <li>Janusz Sikocinski &lt;J.Sikocinski@gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.</li>
- <li>Juri Hudolejev &lt;jhudolejev@gmail.com&gt; JavaDoc fix to CMSSignedDataParser.</li>
- <li>Liane Velten &lt;liane.velten@hjp-consulting.com&gt; fine tuning of code for DHParameters validation.</li>
- <li>Shawn Willden &lt;swillden@google.com&gt; additional functionality to PGPKKeyRing.</li>
- <li>Atanas Krachev &lt;akrachev@gmail.com&gt; added support for revocation signatures in OpenPGP.</li>
- <li>Mickael Laiking &lt;mickael.laiking@keynectis.com&gt; initial cut of EAC classes.</li>
- <li>Tim Buktu &lt;tbuktu@hotmail.com&gt; Initial implementation of NTRU signing and encryption.</li>
- <li>Bernd &lt;rbernd@gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.</li>
- <li>Steing Inge Morisbak &lt;stein.inge.morisbak@BEKK.no&gt; Test code for lower case Hex data in PEM headers.</li>
- <li>Andreas Schmid &lt;andreas.schmid@tngtech.com&gt; Additional expiry time check in PGPPublicKeys.</li>
- <li>Phil Steitz &lt;phil.steitz@gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC

classes.</li>

<li>Ignat Korchagin &lt;ignat.korchagin@#064gmail.com&gt; Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.</li>

<li>Petar Petrov &lt;p.petrov@#064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.</li>

<li>Daniel Fitzpatrick &lt;daniel.f.nwr@#064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>

<li>Andy Neilson &lt;Andy.Neilson@#064quest.com&gt;a further patches to deal with multiple providers and PEMReader.</li>

<li>Ted Shaw &lt;xiao.xj@#064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.</li>

<li>Eleriseth &lt;Eleriseth@#064WPECGLtYbVi8Rl6Y7Vzl2Lvd2EUUVW99v3yNV3IWROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibilty generalisations for EC operations.</li>

<li>Kenny Root &lt;kenny@#064the-b.org&gt; patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.</li>

<li>Maarten Bodewes &lt;maarten.bodewes@#064gmail.com&gt; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.</li>

<li>Philip Clay &lt;pilf\_b@#064yahoo.com&gt; Initial implementation of J-PAKE.</li>

<li>Brian Carlstrom &lt;bdc@#064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>

<li>Samuel Lid&eacute;n Borell &lt;samuel@#064primekey.se&gt; patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder</li>

<li>Sergio Demian Lerner &lt;sergiolerner@#064certimix.com&gt; pointing out isInfinity issue in ECDSASigner signature verification.</li>

<li>Tim Whittington &lt;Tim.Whittington@#064orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.</li>

<li>Marcus Lundblad &lt;marcus.lundblad@#064primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.</li>

<li>Andrey Zhozhin &lt;zhozhin@#064xrm.ru&gt; patch for override of TSP SignerInfo attributes.</li>

<li>Sergey Tiunov &lt;t5555d@#064gmail.com&gt; initial cut of DVCS classes.</li>

<li>Damian Kolasa &lt;fatfredy@#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.</li>

<li>Ash Hughes &lt;ashley.hughes@#064blueyonder.co.uk&gt; patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>

<li>Daniel Hirscher &lt;dev@#064daniel-hirscher.de&gt; patch to support parsing of explicit EC parameters in PEM files.</li>

<li>Daniele Ricci &lt;daniele.athome@#064gmail.com&gt; initial implementation of EC keys for OpenpPGP and

RFC6637 support.

Matti Aarnio <matti.aarnio@methics.fi>; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.

Babak Najafi <bnajafi@akamai.com>; fixes to OpenPGP NotationData to prevent truncation problems.

Eric Mueller <eric.mueller@sage.de>; additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts@gmail.com>; fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov <daniil.ivanov@gmail.com>; addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso86@gmail.com>; contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc@gmail.com>; patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis@ut.ee>; checker for generated key vs OID in JceCMSContentEncryptorBuilder.

AxelVDB <axel-vdb@riseup.net>; initial implementation of Shacal2.

Roberto Tyley <>; further work on completing gradle build.

Waldemar Dick <wdick@devmue.de>; code improvement in x500 ASN.1 package.

Sid Steward <sid.steward@pdflabs.com>; code improvements to ASN1Boolean.

Alex Klyubin <klyubin@google.com>; AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student@gmail.com>; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter@iaik.tugraz.at>; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller@gmail.com>; initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli@arago.de>; Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt@cryptovision.com>; Initial support for encodable state message digests

Robert Bushman <bouncycastle@traxel.com>; Clean up of DirectKeySignature example.

Maurice Aarts <aarts@riscure.com>; updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer <https://github.com/franziskuskiefer>; initial implementation of Cramer-Shoup.

KB Sriram <mail\_kb@yahoo.com>; testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze <marco@nightlabs.de>; Reported verification bug in GenericSigner.

Martin Schaef <https://github.com/martinschaef>; contributed a code-cleanup patch.

dstutz <https://github.com/dstutz>; added iteration count setters to PKCS#12 PBE mac/key generator builders.

Tobias Wich <tobias.wich@ecsec.de>; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehrstens <hauke@hauke-m.de>; TLS patch to add ECDHE\_ECDSA CCM ciphersuites from RFC 7251.

Daniel Zimmerman <dmz@galois.com>; Further key quality improvements to RSAKeyPairGenerator.

<li>Jens Kapitzka <a href="https://github.com/kapitzka">j.kapitzka@schwarze-allianz.de</a>; Iterable support in OpenPGP API, code cleanup in OpenPGP API.</li>

<li>Johan Eklund <a href="https://github.com/johan-primekey">johan@primekey.se</a>; update to RFC 6960 for OCSPObjectIdentifiers.</li>

<li>nikosn <a href="https://github.com/nikosn">https://github.com/nikosn</a>; Fix to encoding of EC private keys to ensure encoding matches order length.</li>

<li>Axel von dem Bruch <a href="https://github.com/axel-vdb">axel-vdb@riseup.net</a>; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.</li>

<li>Derek Atkins <a href="https://github.com/derek-ihf">derek@ihf.com</a>; Documentation fixes to X9ObjectIdentifiers.</li>

<li>Peter Jr Halicky <a href="https://github.com/petohalicky">peto@halicky.sk</a>; Correction to notification/error message handling in SignedMailValidator.</li>

<li>Iartigue Pierre <a href="https://github.com/IartiguePierre">https://github.com/IartiguePierre</a>; Fix for counter signature SID in CMSSignedData.</li>

<li>Thomas Belot <a href="mailto:thomas.belot+BC@gmail.com">thomas.belot+BC@gmail.com</a>; initial CertPathLoopTest for demonstrating stack overflow issue.</li>

<li>Rich DiCroce <a href="https://github.com/rdicroce">https://github.com/rdicroce</a>; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.</li>

<li>Björn Kautler <a href="https://github.com/Vampire">https://github.com/Vampire</a>; Refinements to cert path validation (authority key addition, certificate order preservation).</li>

<li>Dominik Schürmann <a href="https://github.com/dschuermann">https://github.com/dschuermann</a>; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.</li>

<li>Michael <a href="https://github.com/MSKnete">MSKnete@web.de</a>; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.</li>

<li>Tobias Wagner <a href="https://github.com/tobias-wagner">tobias.wagner@n-design.de</a>; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].</li>

<li>Sergio Giro <a href="https://github.com/sgiro">sgiro@google.com</a>; Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>

<li>bschuetter <a href="https://github.com/bschuetter">https://github.com/bschuetter</a>; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.</li>

<li>Leonard Dallot <a href="https://github.com/dallotTazTag">https://github.com/dallotTazTag</a>; Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>

<li>Jan Willem Janssen <a href="https://github.com/j.w.janssen">j.w.janssen@bouncycastle.org</a>; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.</li>

<li>Sebastian Oerding <a href="mailto:sebastian.oerding@robotron.de">sebastian.oerding@robotron.de</a>; Fixes to toString() in x509.CertificatePolicies.</li>

<li>Kai Kramer <a href="https://github.com/kai-kramer">kai.kramer@gmail.com</a>; Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.</li>

<li>Benoit Charles <a href="https://github.com/benoit-charles">benoit.charles@opentrust.com</a>; Fix for IES data length check on decryption.</li>

<li>Niko <a href="https://github.com/nfink95">nfink95@gmail.com</a>; fix to cast issue in getOutputSize() for ECIES.</li>

<li>akwizgran <a href="https://github.com/akwizgran">https://github.com/akwizgran</a>; Fixed clone of key in Blake2bDigest copy constructor, blake2b reset issue for variant keys.</li>

<li>Matthias Edelhoff <a href="https://github.com/MatthiasEdelhoff">Matthias.Edelhoff@cryptovision.com</a>; BasicConstraintsValidation pathlen fix in PKIX certpath classes.</li>

<li>Lukasz Deputat <a href="https://github.com/lukasz-deputat">lukasz.deputat@gmail.com</a>; Fixed bugs in TlsUtils read methods [#BJA-592].</li>

<li>Justin Ludwig <a href="https://github.com/justinludwig">https://github.com/justinludwig</a>; Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.</li>

<li>André Berenguel <a href="https://github.com/berenguel">https://github.com/berenguel</a>; Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.</li>

<li>Slawomir Jaranowski <a href="https://github.com/slawekjaranowski">&gt; Patch to make cipher/hash/signature name methods in PGP internal API public.</li>

<li>Andrey Vasilyev <a href="https://github.com/andrey-vasilyev">&gt; Initial implementation of GOST R 34.11-2012.</li>

<li>William Glanton <a href="mailto:wglanton77@gmail.com">&gt; Fixed bug in Poly1305 [#BJA-620].</li>

<li>jdvorak001 <a href="https://github.com/jdvorak001">&gt; Speed improvements for ASN.1 ObjectIdentifier cache.</li>

<li>Joseph Naegele <a href="mailto:jnaegele@grierforensics.com">&gt; Patch for handling multiple certificates in a DANE SMIMEA entry.</li>

<li>Andrew Bonventre <a href="https://github.com/andybons">&gt; NullPointerException patch for WNAfUtil.</li>

<li>The Google Security Team (Project Wycheproof) <a href="https://github.com/google/wycheproof">&gt; defect analysis and additional test cases for the provider.</li>

<li>Gorka Irazoqui <a href="mailto:girazoki@wp.edu">&gt; from Intel Security Center of Excellence <a href="https://security-center.intel.com/">&gt; detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.</li>

<li>Joerg Senekowitsch <a href="mailto:joerg.senekowitsch@veridos.com">&gt; patch to deal with hard coded boolean in EAC ECDSAPublicKey.</li>

<li>Alexandr Krivoshta <a href="mailto:wipe@ya.ru">&gt; N4 calculation fix to GOFB mode.</li>

<li>Artem Storozhuk <a href="mailto:storojs72@gmail.com">&gt; N4 calculation fix to GOFB mode.</li>

<li>Na Yu <a href="mailto:na.yu@samsung.com">&gt; Constructor patches to CMC PKIData.</li>

<li>Evangelos Karatsiolis <a href="mailto:ekaratsiolis@mtg.de">&gt; Corrected use of explicit tagging in X.509 PolicyConstraints class.</li>

<li>VivleSoren <a href="https://github.com/VivleSoren">&gt; additional constructor for McElieceCCA2PrivateKeyParameters.</li>

<li>mtausig <a href="https://github.com/mtausig">&gt; JavaDoc fix for MCSEncryptedDataGenerator.</li>

<li>Anders Schack-Mulligen <a href="https://github.com/aschackmull">&gt; code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.</li>

<li>Sebastian Wolfgang Roland <a href="mailto:sebastianwolfgang.roland@stud.tu-darmstadt.de">&gt; Initial XMSS/XMSS-MT implementation.</li>

<li>didisoft <a href="https://github.com/didisoft">&gt; test code for PGP signature removal involving user ids.</li>

<li>Mike Safonov <a href="https://github.com/MikeSafonov">&gt; initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.</li>

<li>Artem Storozhuk <a href="mailto:storojs72@gmail.com">&gt; initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.</li>

<li>Andreas Glaser <a href="mailto:andreas.glaser@gi-de.com">&gt; patch to recognise ANSSI curves for PKCS#10 requests.</li>

<li>codeborne <a href="https://github.com/cbcp">&gt; patch to correct OIDs used in public key digest parameters for ECGOST-2012.</li>

<li>FauxFaux <a href="https://github.com/FauxFaux">&gt; patch for JDK 1.9 update to DRBG.java.</li>

<li>4garbage <a href="https://github.com/4garbage">&gt; patch to allow GOST3410-94 private keys encoded as integers.</li>

<li>ekszz <a href="https://github.com/ekszz">&gt; corrections to SM2 signer to include default identity value.</li>

<li>jminer <a href="https://github.com/jminer">&gt; fix to Blake2b for hashes in range of 2\*\*64-127 to 2\*\*64.</li>

<li>str4d <a href="https://github.com/str4d">&gt; initial implementation of

Blake2s

- <li>Scott Woodward &lt;scott@#064bit3consulting.com&gt; performance fixes for CTRSP800DRBG.</li>
- <li>David Strawn &lt;https://github.com/isomarcte&gt; fix for off by one error in SCRYPT bounds checking.</li>
- <li>chris mccown &lt;0xchrismccown@#064gmail.com&gt; identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).</li>
- <li>ZZMarquis &lt;https://github.com/ZZMarquis&gt; offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.</li>
- <li>Andreas Kretschmer &lt;https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion()</li>
- <li>Armin Lunkeit, Michael Tautenhahn &lt;&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.</li>
- <li>Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.</li>
- <li>Adam Vartanian &lt;https://github.com/flooeey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().</li>
- <li>Bernd &lt;https://github.com/ecki&gt; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.</li>
- <li>Shartung &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.</li>
- <li>Paul Schaub &lt;https://github.com/vanitasvitae&gt; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.</li>
- <li>Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.</li>
- <li>catbref &lt;https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).</li>
- <li>gerlion &lt;https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.</li>
- <li>fgrieu &lt;fgrieu@#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.</li>
- <li>MTG &lt;https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.</li>
- <li>Andreas Gadermaier &lt;up.gadermaier@#064gmail.com&gt; initial version of Argon2 PBKDF algorithm.</li>
- <li>Tony Washer &lt;tony.washer@yahoo.co.uk&gt; review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.</li>
- <li>Vincent Bouckaert &lt;https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.</li>
- <li>Tony Washer &lt;https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.</li>
- <li>Aurimas Liutikas &lt;https://github.com/liutikas&gt; JavaDoc patches to ReasonsMask.</li>
- <li>Gabriel Sroka &lt;https://github.com/gabrielsroka&gt; corrected comments in RSA validation.</li>
- <li>sarah-mdv &lt;https://github.com/sarah-mdv&gt; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.</li>
- <li>Jesse Feinman &lt;https://github.com/jessefeinman&gt; performance optimisation in RSAKeyParameters.</li>
- <li>Gilis95 &lt;https://github.com/Gilis95&gt; improved JSSE compatibility for setEnabledCipherSuites.</li>
- <li>Haemin Yoo &lt;https://github.com/yoohaemin&gt; Javadoc fixes.</li>
- <li>Antoine Toulme &lt;https://github.com/atoulme&gt; Initial implementation of EthereumIESEngine.</li>
- <li>Golden Looly &lt;https://github.com/looly&gt; Patch for addition of C1C3C2 mode to SM2Engine.</li>
- <li>Moses Palm&eacute;r, TrueSec &lt;Henrik.Palmer@#064truesec.se&gt; Additional improvements to constant

- time comparisons.
- René Korthaus; <https://github.com/securitykernel>; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.
- THausherr; <https://github.com/THausherr>; Addition generic support for CMS/TSP functions.
- Gaylor Bosson; <https://github.com/Gilthoniel>; Initial implementation of Blake2xs.
- gaellalire; <https://github.com/gaellalire>; Patch for unprotected PGP private keys as SExpr.
- im-scooter; <https://github.com/im-scooter>; Patch for case-insensitive behaviour of Param-Z.
- Nick hitchan; <https://github.com/hitchan>; Fix for typo in engineInitSign() in EdEc SignatureSpi.
- dbusche; <https://github.com/dbusche>; Argon2 optimisations.
- Daniel Heldt; <https://github.com/dheldt>; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in JceKeyAgreeRecipient.
- Ugochukwu Mmaduekwe; <https://github.com/Xor-el>; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.
- Gsealy; <https://github.com/Gsealy>; addition of PBKDF2withHmacSM3 to the provider.
- aphuang2013; <https://github.com/aphuang2013>; update to path validation in EST service for ClearPath EST.
- Kevin Herron; <https://github.com/kevinherron>; Initial ChaCha20Poly1305 prototype.
- vkreml; <https://github.com/svkreml>; GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.
- Tobias Ospelt; [tobias.pentagrid.ch](http://tobias.pentagrid.ch); Identification of 1.63 regression in ASN.1 parsing.

</ul>  
</body>  
</html>

## 1.73 jboss-logging 3.4.1

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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## 1.79 joda-time 2.10.5

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## 1.81 stax-api 1.0 2

### 1.81.1 Available under license :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html>
```

```
<body>
```

```
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```

```
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<p>

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<p>

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```
</li>
</ul>
</body>
</html>
```

# 1.82 spring-security-web 5.2.1

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 */
package org.springframework.security.acls.model;

import java.io.Serializable;

/**
 * Represents a permission granted to a <tt>Sid</tt> for a given domain object.
 *
 * @author Ben Alex
 */
public interface Permission extends Serializable {
    // ~ Static fields/initializers
    //
    =====
    ===

    char RESERVED_ON
    = '~';
    char RESERVED_OFF = '!';
    String THIRTY_TWO_RESERVED_OFF = ".....";

    // ~ Methods
    //

```

```

=====
=====

/**
 * Returns the bits that represents the permission.
 *
 * @return the bits that represent the permission
 */
int getMask();

/**
 * Returns a 32-character long bit pattern <code>String</code> representing this
 * permission.
 * <p>
 * Implementations are free to format the pattern as they see fit, although under no
 * circumstances may { @link #RESERVED_OFF} or { @link #RESERVED_ON} be used within the
 * pattern. An exemption is in the case of { @link #RESERVED_OFF} which is used to
 * denote a bit that is off (clear). Implementations may also elect to use
 * { @link #RESERVED_ON} internally for computation purposes, although this method may
 * not return any <code>String</code> containing { @link #RESERVED_ON}.
 * <p>
 * The returned String
must be 32 characters in length.
 * <p>
 * This method is only used for user interface and logging purposes. It is not used in
 * any permission calculations. Therefore, duplication of characters within the output
 * is permitted.
 *
 * @return a 32-character bit pattern
 */
String getPattern();
}

```

```

=====
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=====

```

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## 1.83 spring-security-core 5.2.1

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java  
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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*   Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation  
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* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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*     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 serializable 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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* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IntersectionTypeBinding18.java

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*   Sergey Prigogin (Google) - initial API and implementation
*
* Based on lookup3.c, by Bob Jenkins { @link "http://burtleburtle.net/bob/c/lookup3.c" }
*
* Here is the original comment by Bob Jenkins:
* -----
* lookup3.c, by Bob Jenkins, May 2006, Public Domain.
*
* These are functions for producing 32-bit hashes for hash table lookup.

```

```

* hashword(), hashlittle(), hashlittle2(), hashbig(), mix(), and final()
* are externally
  useful functions. Routines to test the hash are included
* if SELF_TEST is defined. You can use this free for any purpose. It's in
* the public domain. It has no warranty.
*
* You probably want to use hashlittle(). hashlittle() and hashbig()
* hash byte arrays. hashlittle() is faster than hashbig() on
* little-endian machines. Intel and AMD are little-endian machines.
* On second thought, you probably want hashlittle2(), which is identical to
* hashlittle() except it returns two 32-bit hashes for the price of one.
* You could implement hashbig2() if you wanted but I haven't bothered here.
*
* If you want to find a hash of, say, exactly 7 integers, do
*   a = i1; b = i2; c = i3;
*   mix(a, b, c);
*   a += i4; b += i5; c += i6;
*   mix(a, b, c);
*   a += i7;
*   finalMix(a, b, c);
* then use c as the hash value. If you have a variable length array of
* 4-byte integers to hash, use hashword(). If you have a byte array (like
* a character string), use hashlittle().
  If you have several byte arrays, or
* a mix of things, see the comments above hashlittle().
*
* Why is this so big? I read 12 bytes at a time into 3 4-byte integers,
* then mix those integers. This is fast (you can do a lot more thorough
* mixing with 12*3 instructions on 3 integers than you can with 3 instructions
* on 1 byte), but shoehorning those bytes into integers efficiently is messy.
*****/

```

Found in path(s):

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jar/org/aspectj/org/eclipse/jdt/internal/core/nd/StreamHasher.java
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```

```

/* *****

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*   Xerox/PARC   initial implementation

```

\* Mik Kersten port to AspectJ 1.1+ code base

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\* Igor Fedorenko - extracted from ElementsImpl

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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 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.

\*\*\*\*\*

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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 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/HasMemberTypePattern.java

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\* Helen Hawkins Converted to new interface (bug 148190)  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/tools/ajbrowser/ui/BasicEditor.java

\*  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/tools/ajbrowser/ui/swing/BrowserOptionsPanel.java  
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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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\* Vladimir Piskarev <pisv@1c.ru> - Thread safety of OpenableElementInfo - <https://bugs.eclipse.org/450490>

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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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\* [het@google.com](mailto:het@google.com) - Bug 441790

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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  
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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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 \* Bug 407191 - [1.8] Binary access support for type annotations  
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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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\* 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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\* bug 319201 - [null] no warning when unboxing SimpleNameReference 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] Message 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:280)
- \* 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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 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadCounter.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/AnnotationDefault.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/EnclosingMethod.java  
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 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/CFlowCounter.java

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-
jar/org/aspectj/runtime/internal/cflowstack/ThreadStack.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-
jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-
jar/org/aspectj/runtime/internal/CFlowCounter.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/runtime/internal/cflowstack/ThreadCounter.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactory.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/AnnotationDefault.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 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] Message 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
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*     bug 319201 - [null] no warning when unboxing SimpleNameReference 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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*     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
*****/

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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 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/asm/IRelationshipMap.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/asm/IHierarchyListener.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/asm/IRelationshipMap.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/asm/IElementHandleProvider.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/asm/IRelationship.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/asm/IRelationship.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

jar/org/aspectj/asm/IElementHandleProvider.java

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* Andy Clement Extensions for better IDE representation  
* *****/
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jar/org/aspectj/asm/internal/Relationship.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
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jar/org/aspectj/weaver/patterns/IfPointcut.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
jar/org/aspectj/weaver/patterns/IfPointcut.java
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\* Bug 440687 - [compiler][batch][null] improve command line option for external annotations  
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/Dump.java

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ModuleFinder.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJrt.java

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- \* IBM Corporation - changed interface to extend IBinding
- \* IBM Corporation - renamed from IResolvedAnnotation to IAnnotationBinding

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\* Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing

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

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\* 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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\* 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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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - TypeConverters don't set enclosingType -

[https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=320841](https://bugs.eclipse.org/bugs/show_bug.cgi?id=320841)

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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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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/Nd.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/LongArray.java

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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
- fix for bug 533830.

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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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\* [tyeung@bea.com](mailto:tyeung@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] Message 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:280)

\* 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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\* Walter Harley - Patch for ensuring the parent folders are created  
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\* Terry Parker <tparker@google.com> - DeltaProcessor misses state changes in archive files, see [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=357425](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](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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/VersionedDataInputStream.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 440474 - [null] textual encoding of external null 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  
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\* 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

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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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*     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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/JRTUtil.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArraySingleTypeReference.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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*     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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\* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used

\* bug 319201 - [null] no warning when unboxing SimpleNameReference 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 SimpleNameReference.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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\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

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\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedResolvedMemberImpl.java

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\* IBM Corporation - fix for 342598, 382590

\* Jean-Marie Henaff <jmhenaff@google.com> (Google) - Bug 481555

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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 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:280)

\* 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

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- \* IBM Corporation - fix for bug 342757
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/definition/DocumentParser.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnParameterizedQualifiedTypeReference.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/WeavingURLClassLoader.java

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\* Bug 406973 - [compiler] Parse MethodParameters attribute

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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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jar/org/aspectj/bridge/ILifecycleAware.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/bridge/ILifecycleAware.java
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jar/org/aspectj/weaver/reflect/ReflectionFastMatchInfo.java
*
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jar/org/aspectj/weaver/reflect/ReflectionFastMatchInfo.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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jar/org/aspectj/asm/internal/ProgramElement.java  
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 \* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnModuleDeclaration.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnModuleReference.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModule.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/WeaverMessages.java

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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](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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- \* 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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\* Tim Hanson <[thanson@bea.com](mailto:thanson@bea.com)> - fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=137634](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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\* 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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\* John Glassmyer <jogl@google.com> - import group sorting is broken - <https://bugs.eclipse.org/430303>

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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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```
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/CompilationUnitResolver.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/INameEnvironmentWithProgress.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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\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetFieldReference.java

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*     bug 319201 - [null] no warning when unboxing SimpleNameReference 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
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMessageSendName.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/formatter/IndentManipulation.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/TypeVariableImpl.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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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 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] Message 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/definition/LightXMLParser.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/Aspects14.java  
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- \*

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/AnyAnnotationTypePattern.java

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\* Terry Parker <tparker@google.com> - [performance] Low hit rates in JavaModel caches -  
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/bcel/AspectInstanceVar.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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\* 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 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda  
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*  
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jar/org/aspectj/org/eclipse/jdt/core/dom/MethodBinding.java  
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```

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*****/
```

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/ajdt/internal/compiler/ast/AspectDeclaration.java  
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 \* Stephan Herrmann - Contributions for  
 \* bug 319201 - [null] no warning when unboxing SimpleNameReference 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  
 \*\*\*\*\*/

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 \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/util/GenericSignatureParser.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):

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/ExceptionHandlerFlowContext.java
```

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jar/org/aspectj/util/LangUtil.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/util/LangUtil.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 serializable lambdas

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/ClassLoaderWeavingAdaptor.java

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\* Stephan Herrmann - contribution for bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment

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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)

\*\*\*\*\*/

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*   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:280)
- \* 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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- \*
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ClasspathDirectory.java
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\*

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/hierarchy/HierarchyBuilder.java

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/PossibleMatch.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/SimpleType.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchParticipant.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/index/Index.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ISourceElementRequestor.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionJavadocParser.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/org/eclipse/jdt/internal/core/CopyResourceElementsOperation.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRootInfo.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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/BoundedReferenceType.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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- \* 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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  - \* 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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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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jar/org/aspectj/org/eclipse/jdt/core/dom/ArrayInitializer.java
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jar/org/aspectj/org/eclipse/jdt/core/JDTCompilerAdapter.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/CreateImportOperation.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/ThrowStatement.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/AnonymousClassDeclaration.java
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jar/org/aspectj/org/eclipse/jdt/core/IAnnotatable.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/ASTHolderCUInfo.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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jar/org/aspectj/org/eclipse/jdt/internal/core/search/PathCollector.java
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\* Contributors:  
\* Andy Clement IBM initial implementation  
\* \*\*\*\*\*

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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/SimpleAnnotationValue.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/asm/IModelFilter.java

```

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*   PARC          initial implementation
*   Alexandre Vasseur support for @AJ perClause
* *****

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseSourceType.java

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\* Andy Clement wired up to back end

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

Found in path(s):

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/BreakStatement.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/flow/SwitchFlowContext.java
```

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jar/org/aspectj/bridge/WeaveMessage.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/bridge/WeaveMessage.java
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Found in path(s):

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheKeyResolver.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheStatistics.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/DefaultCacheKeyResolver.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/DefaultCacheFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/DefaultCacheFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheKeyResolver.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/CacheStatistics.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/cache/DefaultCacheKeyResolver.java
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jar/org/aspectj/util/GenericSignature.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/util/GenericSignature.java
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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 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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Found in path(s):  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/impl/IrritantSet.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

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ProblemReasons.java

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*   Bug 463533 - Signature.getSignatureSimpleName() returns different results for resolved and unresolved extends
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```

Found in path(s):

```
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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*   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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```

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/InvocationSite.java
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\* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation

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\* Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda

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*       (originally in org.aspectj.org.eclipse.jdt.appt.core)  
*   IBM Corporation - Bug 513790  
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Found in path(s):

```
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jar/org/aspectj/org/eclipse/jdt/core/dom/AjAST.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/ajdt/core/dom/AjASTFactory.java
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jar/org/aspectj/apache/bcel/generic/LineNumberTag.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/LineNumberTag.java
```

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*   AndyClement extracted as self contained type from Lint type (4-Aug-06)
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```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
```



jar/org/aspectj/weaver/LintMessage.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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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>

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\* olivier\_thomann@ca.ibm.com - add hashCode() and equals(..) methods

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/Tag.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/Tag.java

\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/LocalVariableTag.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/core/builder/AsmHierarchyBuilder.java

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*     bug 319201 - [null] no warning when unboxing SimpleNameReference 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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AND_AND_Expression.java
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\* Stephan Herrmann - Contribution for

\* Bug 427438 - [1.8][compiler] NPE at

org.aspectj.org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

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Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExpressionContext.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/FieldOrMethod.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionList.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ClassParser.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantInteger.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-

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jar/org/aspectj/apache/bcel/util/ClassLoaderReference.java
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jar/org/aspectj/apache/bcel/classfile/Code.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/LOOKUPSWITCH.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ClassVisitor.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantLong.java
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jar/org/aspectj/apache/bcel/util/NonCachingClassLoaderRepository.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/apache/bcel/generic/BranchHandle.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/JavaClass.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/LOOKUPSWITCH.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ReturnaddressType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-

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jar/org/aspectj/apache/bcel/classfile/ConstantNameAndType.java
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jar/org/aspectj/apache/bcel/classfile/NestMembers.java
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jar/org/aspectj/apache/bcel/classfile/InnerClass.java
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jar/org/aspectj/apache/bcel/generic/TABLESWITCH.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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jar/org/aspectj/apache/bcel/generic/MULTIANEWARRAY.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionLV.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/ExceptionConstants.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionConstants.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/FieldGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/LocalVariable.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/SimpleConstant.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/IINC.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InvokeDynamic.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/Utility.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/StackMapEntry.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantFieldref.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/LocalVariable.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/FieldInstruction.java

\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/Type.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstVisitor.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionShort.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/ClassGenException.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/CodeException.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/MULTIANEWARRAY.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/IINC.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/FieldGenOrMethodGen.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/BootstrapMethods.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantDynamic.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/Deprecated.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionFactory.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/TABLESWITCH.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/JavaClass.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/util/ClassLoaderReference.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionCP.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantString.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ClassFormatException.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/NestHost.java  
 \*  
 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantFieldref.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/StackMapType.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ClassVisitor.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantDynamic.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/INVOKEINTERFACE.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantClass.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/TargetLostException.java  
 \*  
 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantUtf8.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/ClassGen.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/StackMapEntry.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/ReturnaddressType.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionBranch.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/ReferenceType.java  
 \*  
 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/InstructionCP.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/Synthetic.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/BootstrapMethods.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantClass.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/ConstantObject.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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jar/org/aspectj/apache/bcel/classfile/Field.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ClassParser.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/FieldGenOrMethodGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/FieldInstruction.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantMethodref.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Utility.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantMethodType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/util/NonCachingClassLoaderRepository.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/MethodGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionList.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Attribute.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantFloat.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ClassGenException.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/util/ClassLoaderRepository.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionTargeter.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Unknown.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionByte.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/util/Repository.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Attribute.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/ConstantsInitializer.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ReferenceType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InvokeDynamic.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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jar/org/aspectj/apache/bcel/classfile/ConstantValue.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/NestHost.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/StackMap.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantString.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/InnerClasses.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/LineNumberTable.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/Constants.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantMethodHandle.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ClassGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/LineNumber.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Modifiers.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/SimpleConstant.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/INVOKEINTERFACE.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/CodeExceptionGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Modifiers.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ObjectType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionConstants.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/CodeException.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Method.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/MethodGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/util/SyntheticRepository.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionHandle.java

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Node.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionHandle.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/SourceFile.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantObject.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantInvokeDynamic.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/InnerClasses.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/FieldGen.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/LocalVariableGen.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantMethodType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantInterfaceMethodref.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstructionShort.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InstVisitor.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/SourceFile.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/InvokeInstruction.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/LocalVariableTable.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/FieldOrMethod.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/ObjectType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantCP.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/generic/TargetLostException.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/Constant.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/StackMap.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantInteger.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/generic/Instruction.java  
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\*

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\* Matt McCutchen - partial fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=122995](https://bugs.eclipse.org/bugs/show_bug.cgi?id=122995)  
\* Karen Moore - fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=207411](https://bugs.eclipse.org/bugs/show_bug.cgi?id=207411)  
\* Stephan Herrmann <[stephan@cs.tu-berlin.de](mailto: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] Message 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 varargs
- \* 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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\* 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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\* Martin Lippert initial implementation

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/lang/annotation/Aspect.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/annotation/Before.java  
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\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/annotation/DeclarePrecedence.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/lang/annotation/AfterReturning.java  
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\*  
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jar/org/aspectj/lang/annotation/DeclarePrecedence.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/lang/annotation/AfterThrowing.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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\* Perry James - nullStatus method improvement (165346)

\* Stephan Herrmann - Contribution for

\* bug 383368 - [compiler][null] syntactic null analysis for field references

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/ProblemFactory.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/VariablesInfo.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ILRUCacheable.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericField.java  
\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/SaveIndex.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/jdom/ILineStartFinder.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionOnSuperReference.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/INamingRequestor.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceMethod.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/CompletionRequestorAdapter.java  
\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceType.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/ISourceField.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/XMLWriter.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentInfo.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/IJavaElementRequestor.java  
\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/builder/AbortIncrementalBuildException.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IGenericType.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/IPathRequestor.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.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 417295 - [1.8][null] Message 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/reflect/JavaLangTypeToResolvedTypeConverter.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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\*

\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SortedCompoundNameVector.java

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 *   IBM Corporation - initial API and implementation
 *   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)
 */
```

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```
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jar/org/aspectj/org/eclipse/jdt/core/ClasspathContainerInitializer.java
```

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\* Terry Parker <[tparker@google.com](mailto:tparker@google.com)>

\* - Contribution for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=372418](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

\*/

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*
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```

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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)

```

*/

```

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\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto: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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\* tyeung@bea.com - initial API and implementation

\* olivier\_thomann@ca.ibm.com - add hashCode() and equals(..) methods

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\* Kelly Campbell <kellyc@google.com> - Hangs in SourceMapper during java proposals -  
[https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=281575](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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\* 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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\* 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  
\*\*\*\*\*/

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\*  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/linewrap/CommentWrapExecutor.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 suggestions

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- \* Alex Vasseur wired up for @AJ proceeding
- \* Andy Clement 23-06-06 added extras for @AJ

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/AroundClosure.java

\*

- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/runtime/internal/AroundClosure.java

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\* 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:280)

\* 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 serializable lambdas

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*   PARC   initial implementation
*   Mik Kersten 2004-07-26 extended to allow overloading of
*   hierarchy builder
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jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseFactory.java
```

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\* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation  
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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
- \*\*\*\*\*/

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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/PoliceExtensionUse.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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- \* 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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\* Helen Hawkins Converted to new interface (bug 148190)

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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

\* IBM Corporation - Fix for 328969

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\* Bug 377883 - NPE on open Call Hierarchy  
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\* Stephan Herrmann - Contribution for  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocSingleTypeReference.java

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 *
 * Contributors:
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 *   Carmi Grushko - Bug 465048 - Binding is null for class literals in synchronized blocks
 */
```

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/annotation/NameValuePair.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
*****/
```

Found in path(s):

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/JavaElementDeltaBuilder.java
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* Contributors:
*   Stephan Herrmann - initial API and implementation
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*     Bug 473178
*   IBM Corporation - Bug fixes
*****/
```

Found in path(s):

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BoundSet.java
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/DefaultCompilerAdapter.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/ICompilerAdapter.java

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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/FieldInfo.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 ternary 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

\*\*\*\*\*/

Found in path(s):

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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  
\* `this` in the MANIFEST.MF file's Class-Path section. For entry kinds other than  
\* { @link #CPE\_LIBRARY }, this returns `null`. For those entries  
that are on the raw classpath already,  
\* this returns `null`.

\* <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 `null` if  
\* not applicable.  
\* @since 3.6  
\*/

Found in path(s):

\*/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/IClasspathEntry.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 SimpleNameReference 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:280)
  - \* 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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 \* Contributors:  
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 \* Stephan Herrmann - Contribution for  
 \* 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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\* 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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\* 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
- \* ImplicitObjectBoundNonNullDefault
- \* 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
- \* VarLocalWithoutInitializer
- \* VarLocalInitializedToNull
- \* VarLocalCannotBeArrayInitializers
- \* VarLocalCannotBeLambda
- \* VarLocalCannotBeMethodReference

- \* VarIsReserved
- \* VarIsReservedInFuture
- \* VarIsNotAllowedHere

\*\*\*\*\*/

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/IProblem.java

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- \* Helen Hawkins Converted to new interface (bug 148190)

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/indexing/BinaryContainer.java

\*

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/PackageExportImpl.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/UsesStatement.java

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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)
*****/
```

Found in path(s):

```
*/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ArrayInitializer.java
```

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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

```
*****/
```

Found in path(s):

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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] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs

\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TypeReference.java

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\* PARC initial implementation

\* Andy Clement - upgrade to support fields targeting generic types

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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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- \* Jesper Steen Møller <jesper@selskabet.org> - contributions for:  
\* Bug 531046: [10] ICodeAssist#codeSelect support for 'var'

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/util/SoftHashMap.java

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/batch/ClasspathJmod.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/Utils.java

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\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/bcel/asm/StackMapAdder.java

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  - \* Till Brychcy - Contributions for
  - \* Bug 467482 - TYPE\_USE null annotations: Incorrect "Redundant null check"-warning
- \*\*\*\*\*/

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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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jar/org/aspectj/org/eclipse/jdt/core/BindingKey.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 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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\* 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](mailto: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 serializable 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 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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*/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/weaver/UnresolvedType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/IElementInfo.java

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\* Contributors:

\* Alexandre Vasseur      initial implementation  
\* Adrian Colyer         refactoring for traversal and grouping by kind

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/PatternNodeVisitor.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/Shadow.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/Shadow.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeFieldDeclaration.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/core/builder/AjBuildManager.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/AdviceKind.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/ast/InterTypeMethodDeclaration.java

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/AdviceKind.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/bcel/BcelClassWeaver.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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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 subtype
*   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 serializable 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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\* Just a slight variation of current DocumentParser.java from Alexandre Vasseur.

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\*

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jar/org/aspectj/ajde/core/ICompilerConfiguration.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaCompilerWarningsOptionsPanel.java  
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\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/IRuntimeProperties.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/core/AjCompiler.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/javaoptions/JavaOtherOptionsPanel.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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*   Mik Kersten  port to AspectJ 1.1+ code base
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jar/org/aspectj/tools/ajdoc/Config.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/tools/ajdoc/JavadocRunner.java
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jar/org/aspectj/tools/ajdoc/StubFileGenerator.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)  
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\* Stephan Herrmann - Contributions for

\* 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 SimpleNameReference.analyseCode

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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 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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```

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*       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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/HasMemberTypePatternForPerThisMatching.java  
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\* Terry Parker <[tparker@google.com](mailto:tparker@google.com)> - Bug 418092

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jar/org/aspectj/tools/ant/taskdefs/Ajc11CompilerAdapter.java
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- \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
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jar/org/aspectj/weaver/ResolvedType.java
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\* Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis  
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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 serializable lambdas  
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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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*     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

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- \* 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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\* 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)

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/IRestrictedAccessMethodRequestor.java

\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/JavaSearchMethodNameMatch.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/search/MethodNameRequestor.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/MethodDeclarationPattern.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameMatchRequestorWrapper.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/MethodNameRequestorWrapper.java

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 *   Helen Hawkins - iniital version
 *   Nieraj Singh
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```

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```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/PatternNode.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/TypePattern.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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/annotation/AnnotationGen.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):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/LocalVariableTypeTable.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/core/builder/IStateListener.java

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\* generic signature update        Adrian Colyer

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/lang/Aspects.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/Aspects.java

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* Contributors:  
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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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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*  
* Contributors:  
*   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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jar/org/aspectj/org/eclipse/jdt/core/dom/MemberValuePairBinding.java  
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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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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier.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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jar/org/aspectj/util/TypeSafeEnum.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/util/TypeSafeEnum.java
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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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\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

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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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jar/org/aspectj/weaver/tools/FuzzyBoolean.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/weaver/tools/FuzzyBoolean.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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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/db/MemoryStats.java  
 \*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/indexer/IndexTester.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/NdTypeParameter.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/nd/java/NdComplexTypeSignature.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

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\* Harry Terkelsen (het@google.com) - Bug 449262 - Allow the use of third-party Java formatters

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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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*   John Kew (vmware)      initial implementation
*   Lyor Goldstein (vmware) add support for weaved class being re-defined
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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\* Stefan Xenos <[sxenos@gmail.com](mailto:sxenos@gmail.com)> (Google) - initial API and implementation  
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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]

Message 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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*     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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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IRequiresInfo.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/search/ModuleDeclarationMatch.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/search/matching/ModulePattern.java  
\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ModuleMainClassAttribute.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModule.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleMainClassAttribute.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModulePackagesAttribute.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/PackageVisibilityInfo.java  
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\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ProvidesInfo.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IModuleAttribute.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtFieldDeclaration.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAnnotationDeclaration.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareAtTypeDeclaration.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareErrorDeclaration.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareWarningDeclaration.java  
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/IEclipseSourceContext.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/IEclipseSourceContext.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/DefaultTypePattern.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/DeclareSoftDeclaration.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/SignaturePattern.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/WeavingClassLoader.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/GeneratedClassHandler.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/tw/LTWWorld.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 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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\* 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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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/DynamicProjectReferences.java

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jar/org/aspectj/weaver/loadtime/ClassPreProcessorAgentAdapter.java
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/bcel/asm/AsmDetector.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/tools/PointcutParser.java

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\* Stephan Herrmann - Contributions for

- \* 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] Message 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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\* Stephan Herrmann - Contribution for Bug 464615 - [dom] ASTParser.createBindings() ignores parameterization



of a method invocation

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/ResolvedBinaryField.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/DeclareParents.java

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\* Lars Vogel <[Lars.Vogel@vogella.com](mailto:Lars.Vogel@vogella.com)> - Contributions for

\* Bug 473178

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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)  
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 \*

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\*  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/INestMembersAttribute.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/NestMembersAttribute.java  
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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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*   Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   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 - 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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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/asm/internal/JDTLikeHandleProvider.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/asm/internal/HandleProviderDelimiter.java

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jar/org/aspectj/asm/internal/NameConvertor.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/asm/internal/CharOperation.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/asm/internal/NameConvertor.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/asm/internal/JDTLikeHandleProvider.java
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jar/org/aspectj/weaver/ConstantPoolReader.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/ajdt/internal/compiler/ast/ValidateAtAspectJAnnotationsVisitor.java  
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jar/org/aspectj/weaver/TypeVariable.java  
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jar/org/aspectj/weaver/TypeFactory.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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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)  
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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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\*

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jar/org/aspectj/weaver/tools/StandardPointcutParser.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/ajdt/internal/core/builder/AjBuildNotifier.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/ajdt/internal/compiler/IIntermediateResultsRequestor.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/StandardPointcutParser.java
*
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jar/org/aspectj/ajdt/internal/compiler/AjClassFile.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/ast/HasAnnotation.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/bcel/UnwovenClassFileWithThirdPartyManagedBytecode.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/IWeaveRequestor.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
*****/

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* Bug 458396 - NPE in CodeStream.invoke()
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\* 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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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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\* Andy Clement Extensions for better IDE representation

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\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto: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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 *   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):

```
*/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
```

jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/ConstantPool.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  
*/
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\*

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\*

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\*

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\*

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\*

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/internal/cflowstack/ThreadCounterImpl11.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/ResolvedTypeMunger.java  
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\*

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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 417295 - [1.8][null] Message 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

\*\*\*\*\*/

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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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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/bcel/BcelWeaver.java

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*   IBM Corporation - initial API and implementation
*   alex.panchenko@gmail.com - Bug 470535 - Bug in UserLibrary.hashCode()
*****/

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jar/org/aspectj/org/eclipse/jdt/internal/core/UserLibrary.java

```

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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):

```

* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CombinedBinaryExpression.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/model/AnnotationValueImpl.java
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```
*   IBM Corporation - initial API and implementation
*   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 SimpleNameReference 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CastExpression.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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\* IBM Corporation - added J2SE 1.5 support  
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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>  
\* Vladimir Piskarev <pisv@1c.ru> - F\_CONTENT sometimes lost when merging deltas -  
<https://bugs.eclipse.org/520336>  
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\* IBM Corporation - added constant AccDefault

\* IBM Corporation - added constants AccBridge and AccVarargs for J2SE 1.5

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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/StructureViewTreeListener.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/bridge/AbortException.java  
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 jar/org/aspectj/lang/reflect/CodeSignature.java  
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 jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/util/PartialOrder.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/AbstractIconRegistry.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/bridge/MessageUtil.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/reflect/MethodSignatureImpl.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/runtime/reflect/ConstructorSignatureImpl.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/runtime/reflect/MethodSignatureImpl.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/ajc/ConfigParser.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/bridge/IMessageHolder.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/util/FuzzyBoolean.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/bridge/Message.java



\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/reflect/SignatureImpl.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/util/FileUtil.java  
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* Contributors:

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* Andy Clement - initial implementation {date}

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*  
* Contributors:  
* wharley@bea.com - derived base class from BatchMessengerImpl  
*  
*/
```

Found in path(s):  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BaseMessengerImpl.java  
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- \* IBM Corporation - initial API and implementation
  - \* 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] Message 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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\*/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/TypeVariableBinding.java

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*       bug 319201 - [null] no warning when unboxing SimpleNameReference 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
*****/

```

Found in path(s):

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ReturnStatement.java

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*     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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jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetThisReference.java

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jar/org/aspectj/weaver/bcel/ClassPathManager.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/bcel/ClassPathManager.java

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*     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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*   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] Message 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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/FieldBinding.java
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*     bug 383368 - [compiler][null] syntactic null analysis for field references
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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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\* Martin Lippert initial implementation  
\* Andy Clement  
\* Roy Varghese - Bug 473555  
\* \*\*\*\*\*/

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/bcel/ExtensibleURLClassLoader.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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\* 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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\* Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions

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\* Samrat Dhillon samrat.dhillon@gmail.com - Search for method references is  
\* returning methods as overridden even if the superclass's method is  
\* only package-visible - <https://bugs.eclipse.org/357547>  
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/annotation/DeclareAnnotation.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/lang/annotation/DeclareAnnotation.java
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/ConcreteAspectCodeGen.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/PerThisOrTargetPointcutVisitor.java
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/DefaultMessageHandler.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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/select/SelectionJavadocParser.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/weaver/patterns/HandlerPointcut.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/weaver/patterns/PerFromSuper.java  
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 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
 jar/org/aspectj/weaver/IHasSourceLocation.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
 jar/org/aspectj/weaver/ast/ASTNode.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/weaver/NewFieldTypeMunger.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/OrPointcut.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/SimpleScope.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/AndTypePattern.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/lookup/AjLookupEnvironment.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/ast/KnownFieldReference.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/internal/compiler/ast/PointcutDeclaration.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/ast/CallExpr.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/NameBindingPointcut.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajdt/ajc/AjdtCommand.java

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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-



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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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jar/org/aspectj/ajdt/internal/compiler/lookup/EclipseScope.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/patterns/PerFromSuper.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/IntMap.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/patterns/IScope.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/patterns/PerSingleton.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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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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*   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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\* IBM Corporation - initial API and implementation

\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto: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)`

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Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetAllocationExpression.java

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\* Contributors:

\* PARC initial implementation

\* Nieraj Singh

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/TypePattern.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/BindingTypePattern.java

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\* Stephan Herrmann - Contributions for

\* 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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- \* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/AccessRule.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/SignatureAttribute.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/search/TypeReferenceMatch.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/JavadocArrayQualifiedTypeReference.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/Annotation.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/NodeSearcher.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadoc.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnJavadocTypeParamReference.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IAnnotationComponent.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/util/IFieldInfo.java

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 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfIntValues.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java  
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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 serializable lambdas
- \*\*\*\*\*/

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jar/org/aspectj/org/eclipse/jdt/core/CompletionContext.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/MarkerAnnotation.java
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```
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 319201 - [null] no warning when unboxing SimpleNameReference 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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\* wharley@bea.com - initial API and implementation

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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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\* 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>

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportRewriteAnalyzer.java

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\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ThisReference.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](https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752))

\* Stephan Herrmann - Contributions for

\* bug 319201 - [null] no warning when unboxing SimpleNameReference 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] Message 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

\*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/MessageSend.java

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*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
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*   Bug 407191 - [1.8] Binary access support for type annotations
*****/

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*   Andy Clement - June 2005 - separated out from ResolvedType
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jar/org/aspectj/weaver/AbstractReferenceTypeDelegate.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/ReferenceType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/ReferenceType.java
*

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jar/org/aspectj/weaver/ReferenceTypeDelegate.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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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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\* 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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\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/runtime/reflect/Factory.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/runtime/reflect/Factory.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnPackageVisibilityReference.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-



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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredUsesStatement.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnKeywordModule2.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredOpensStatement.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredProvidesStatement.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/IMemberFinder.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
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\* bug 319201 - [null] no warning when unboxing SimpleNameReference 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

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*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnStringLiteral.java

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jar/org/aspectj/org/eclipse/jdt/core/search/TypeParameterReferenceMatch.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/AssistNodeParentAnnotationArrayInitializer.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnBranchStatementLabel.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnMemberValueName.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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*   IBM Corporation - Fix for 340181
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/IWeavingContext.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/loadtime/DefaultWeavingContext.java

\*  
/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/loadtime/DefaultWeavingContext.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchProcessingEnvImpl.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/AnnotationTargetKind.java

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\* Andy Clement promoted member type from AjState

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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/util/ClassFileReader.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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\* Tim Hanson (thanson@bea.com) - patch for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=126673](https://bugs.eclipse.org/bugs/show_bug.cgi?id=126673)  
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\* Bug 407191 - [1.8] Binary access support for type annotations  
\*\*\*\*\*/

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* Lyor Goldstein (vmware) add support for weaved class being re-defined  
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jar/org/aspectj/weaver/tools/cache/AsynchronousFileCacheBacking.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
jar/org/aspectj/weaver/tools/cache/ZippedFileCacheBacking.java  
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jar/org/aspectj/weaver/tools/cache/ZippedFileCacheBacking.java  
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/YieldStatement.java  
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jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchExpression.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/apt/util/ArchiveFileObject.java  
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\*

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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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*   IBM Corporation - changed interface to extend IBinding
*   IBM Corporation - renamed from IResolvedMemberValuePair to IMemberValuePairBinding
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jar/org/aspectj/runtime/reflect/UnlockSignatureImpl.java  
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jar/org/aspectj/lang/reflect/UnlockSignature.java  
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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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*   Stephan Herrmann - Contribution for
*   Bug 428811 - [1.8][compiler] Type witness unnecessarily required
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*   IBM Corporation - specified that a source archive or a source folder can be attached to a binary
*                       package fragment root.
*   IBM Corporation - added root manipulation APIs: copy, delete, move
*   IBM Corporation - added DESTINATION_PROJECT_CLASSPATH
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithTypeAnnotations.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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  - \* 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
- \*\*\*\*\*/

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- \* Sergey Prigogin (Google)

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/BinaryModule.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/env/IModulePathEntry.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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\* 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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\*

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jar/org/aspectj/weaver/bcel/BcelWeavingSupport.java
*
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jar/org/aspectj/weaver/patterns/BindingAnnotationFieldTypePattern.java
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jar/org/aspectj/weaver/WeakClassLoaderReference.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/weaver/ArrayReferenceType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/bcel/BcelWeavingSupport.java
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jar/org/aspectj/weaver/WildcardedUnresolvedType.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/bcel/BcelWeakClassLoaderReference.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/IWeavingSupport.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/bcel/AnnotationAccessFieldVar.java
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jar/org/aspectj/weaver/IWeavingSupport.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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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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\* 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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- \* 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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- \* Adrian Colyer added constructor to populate javaOptions with default settings - 01.20.2003



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

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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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\* 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](mailto:aclement@gopivotal.com) - Contributions for

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

\*

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/TryStatement.java

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* Contributors:
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*   Stephan Herrmann - Contribution for
*     Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*****/

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/ClasspathChange.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
*   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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/formatter/CommentsPreparator.java
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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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/formatter/DefaultCodeFormatter.java

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* Contributors:
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contribution for
*     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
*****/

```

Found in path(s):

```

* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetSkeleton.java

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jar/org/aspectj/org/eclipse/jdt/core/dom/IntersectionType.java
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*   Andy Clement    got it working  
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jar/org/aspectj/weaver/patterns/DeclareAnnotation.java
```

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/weaver/patterns/DeclareAnnotation.java
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/util/UtilClassLoader.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>

\* Till Brychcy - Java Code Formatter breaks code if single line comments contain unicode escape - <https://bugs.eclipse.org/471090>

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/formatter/Token.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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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/formatter/DefaultCodeFormatterConstants.java

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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
- \*
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/JavaCore.java

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\* Stephan Herrmann - Contribution for

\* 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] Message 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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jar/org/aspectj/weaver/PerTypeWithinTargetTypeMunger.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
jar/org/aspectj/weaver/PerTypeWithinTargetTypeMunger.java
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*   Stephan Herrmann - Contribution for  
*     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):

```
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/CompoundAssignment.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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jar/org/aspectj/org/eclipse/jdt/internal/formatter/OneLineEnforcer.java
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*     bug 319201 - [null] no warning when unboxing SimpleNameReference 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 varargs
*     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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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\*  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/rewrite/ITrackedNodePosition.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/AnnotationInfo.java

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*       bug 319201 - [null] no warning when unboxing SimpleNameReference 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
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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

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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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*   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 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/UnresolvedReferenceNameFinder.java
*
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*   IBM - renamed from PreReconcileCompilationResult to ReconcileContext
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jar/org/aspectj/org/eclipse/jdt/core/dom/StructuralPropertyDescriptor.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/MemberRef.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/InternalASTRewrite.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/AnnotationTypeDeclaration.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/ChildListPropertyDescriptor.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/MethodRefParameter.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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  - \* Stephan Herrmann - Contributions for
    - \* 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 - [1.8.3] 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 serializable 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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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/RuntimeVersion.java

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*   Bug 458613 - [1.8] lambda not shown in quick type hierarchy
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/bridge/Version.java

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\* Contributors:

\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/core/SelectionRequestor.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ContainerAnnotation.java
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jar/org/aspectj/weaver/tools/CommonsTrace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/DefaultTraceFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/DefaultTrace.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/Trace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/Trace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/Traceable.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/CommonsTraceFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/TraceFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-

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jar/org/aspectj/bridge/IMessageContext.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/DefaultTraceFactory.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/ISupportsMessageContext.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/Jdk14TraceFactory.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/DefaultTrace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/Jdk14Trace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/bridge/Constants.java
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jar/org/aspectj/bridge/Constants.java
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jar/org/aspectj/weaver/tools/Jdk14TraceFactory.java
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jar/org/aspectj/weaver/tools/AbstractTrace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/loadtime/JRockitAgent.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/Jdk14Trace.java
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jar/org/aspectj/weaver/tools/CommonsTrace.java
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jar/org/aspectj/weaver/tools/Traceable.java
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jar/org/aspectj/bridge/IMessageContext.java
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jar/org/aspectj/weaver/loadtime/JRockitAgent.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/AbstractTrace.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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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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\* Contributors:  
\* mkaufman@bea.com - initial API as ICompilationParticipant  
\* IBM - changed from interface ICompilationParticipant to abstract class CompilationParticipant  
\* IBM - rewrote specification  
\*  
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/BinaryModuleBinding.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/SplitPackageBinding.java
*
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*   Andy Clement incremental support and switch on/off state
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfModule.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java

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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnModuleReference.java

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java
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jar/org/aspectj/org/eclipse/jdt/internal/codeassist/complete/CompletionOnProvidesImplementationsQualifiedTypeRe
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredExport.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/weaver/tools/StandardPointcutExpression.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/tools/TypePatternMatcher.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/patterns/AnnotationPointcut.java
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jar/org/aspectj/weaver/patterns/NotAnnotationTypePattern.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/patterns/NotAnnotationTypePattern.java
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/internal/tools/PointcutExpressionImpl.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/patterns/WithinAnnotationPointcut.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/internal/tools/StandardPointcutExpressionImpl.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/AnnotatedElement.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/PointcutEvaluationExpenseComparator.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/ArgsAnnotationPointcut.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/WildAnnotationTypePattern.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/AnnotationTypePattern.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/tools/PointcutExpression.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/AnnotatedElement.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/AnnotationPointcut.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/WithinAnnotationPointcut.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/OrAnnotationTypePattern.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/AndAnnotationTypePattern.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/AnnotationTypePattern.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/OrAnnotationTypePattern.java

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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/patterns/ThisOrTargetAnnotationPointcut.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/PointcutPrimitive.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/tools/PointcutExpression.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/internal/tools/StandardPointcutExpressionImpl.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
jar/org/aspectj/weaver/internal/tools/TypePatternMatcherImpl.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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jar/org/aspectj/weaver/patterns/AnnotationPatternList.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/weaver/internal/tools/TypePatternMatcherImpl.java
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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jar/org/aspectj/weaver/patterns/PointcutRewriter.java
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jar/org/aspectj/weaver/patterns/WithinCodeAnnotationPointcut.java
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jar/org/aspectj/weaver/internal/tools/PointcutExpressionImpl.java
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jar/org/aspectj/weaver/patterns/ExactAnnotationTypePattern.java
*
/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/StandardAnnotation.java

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/TemporaryTypeMunger.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/AnnotationOnTypeMunger.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/NewMemberClassTypeMunger.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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 *     Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container
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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/NameReference.java

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedTypeReference.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/SwitchCase.java
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- /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/codeassist/RelevanceConstants.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/IClasspathContainer.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Statement.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/Expression.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/util/HashtableOfPackage.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/compiler/CategorizedProblem.java
- \*
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/search/IJavaSearchConstants.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/IJavaElementDelta.java
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- \*
- /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/dom/ASTMatcher.java
- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/JavadocParser.java
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-



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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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jar/org/aspectj/org/eclipse/jdt/internal/core/util/CommentRecorderParser.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/BodyDeclaration.java
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jar/org/aspectj/org/eclipse/jdt/internal/compiler/ASTVisitor.java
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jar/org/aspectj/org/eclipse/jdt/internal/core/JarPackageFragmentRoot.java
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jar/org/aspectj/org/eclipse/jdt/core/dom/ASTNode.java
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jar/org/aspectj/org/eclipse/jdt/core/search/ReferenceMatch.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/search/SearchParticipant.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/diagnose/DiagnoseParser.java  
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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
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 jar/org/aspectj/org/eclipse/jdt/core/dom/BreakStatement.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/org/eclipse/jdt/core/jdom/IDOMNode.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/org/eclipse/jdt/internal/eval/CodeSnippetParser.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/org/eclipse/jdt/core/eval/ICodeSnippetRequestor.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/org/eclipse/jdt/core/WorkingCopyOwner.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
 jar/org/aspectj/org/eclipse/jdt/core/dom/CharacterLiteral.java  
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*   Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*****/

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`/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/Opcodes.java`

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*     Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
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*     bug 529552 - [18.3] Add 'var' in completions
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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/WeaverStateInfo.java

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- \* Andy Clement - initial implementation {date}

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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeAnnos.java
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- \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeInvisAnnos.java
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\* Stephan Herrmann - Contribution for  
\* bug 393719 - [compiler] inconsistent warnings on iteration variables  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/reflect/PerClauseKind.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/tools/UnsupportedPointcutPrimitiveException.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclareSoft.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/reflect/AjTypeSystem.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/MissingResolvedTypeWithKnownSignature.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/tools/PointcutDesignatorHandler.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/internal/lang/reflect/DeclarePrecedenceImpl.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/TypeVariablePattern.java  
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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegate.java  
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/opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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 /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/lang/reflect/InterTypeFieldDeclaration.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/internal/lang/reflect/PointcutImpl.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/reflect/ShadowMatchImpl.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/reflect/StandardShadowMatchImpl.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-

jar/org/aspectj/lang/reflect/AdviceKind.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

jar/org/aspectj/internal/lang/reflect/PerClauseImpl.java

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\* Stephan Herrmann - Contribution for

\* 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

\*\*\*\*\*/

Found

in path(s):

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedThisReference.java

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jar/org/aspectj/util/IStructureModel.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-

jar/org/aspectj/util/IStructureModel.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
 */
```

Found in path(s):

```
*/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/Compiler.java
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*/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java
*/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/lookup/AnnotationBinding.java
```

```
*/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/AnnotationMethodDeclaration.java
*/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java
```

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jar/org/aspectj/weaver/BindingScope.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
jar/org/aspectj/weaver/AnnotationAJ.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/weaver/AnnotationAJ.java  
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-  
jar/org/aspectj/weaver/BindingScope.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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* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-  
jar/org/aspectj/org/eclipse/jdt/internal/formatter/TokenTraverser.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/StructureViewProperties.java  
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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/bcel/BcelShadow.java

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\*

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\* Bug 458577 - IClassFile.getWorkingCopy() may lead to NPE in BecomeWorkingCopyOperation

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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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\* Andy Clement fleshed out to match SuppressWarnings

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/lang/annotation/SuppressAjWarnings.java

\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjrt-1-9-5-sources-jar/org/aspectj/lang/annotation/SuppressAjWarnings.java

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jar/org/aspectj/weaver/ICrossReferenceHandler.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-
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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/ImportAdder.java
* /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ConflictingSimpleNameFinder.java
*
```

```
  /opt/cola/permits/1017214397_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/internal/core/dom/rewrite/imports/ImportComment.java
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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/reflect/AnnotationFinder.java

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/lang/annotation/DeclareMixin.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/annotation/DeclareMixin.java

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  - \* bug 319201 - [null] no warning when unboxing SimpleNameReference 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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 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/NoTypePattern.java  
 \* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/patterns/EllipsisTypePattern.java

/\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/patterns/NoTypePattern.java

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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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*
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jar/org/aspectj/ajde/ui/swing/OptionsFrame.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/ajde/ui/swing/AJButtonMenuCombo.java
*

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/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/SimpleStructureViewToolPanel.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/BuildConfigPopupMenu.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/BrowserViewTreeListener.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/MultiStructureViewPanel.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/StructureTreeManager.java  
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\*

/opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/BuildProgressPanel.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/DefaultBuildProgressMonitor.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/ajde/ui/swing/UpdateConfigurationDialog.java

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\*

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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/lang/SoftException.java

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\* John Kew (vmware) initial implementation

\* Lyor Goldstein (vmware) add support for weaved class being re-defined

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\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
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*   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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\* Stephan Herrmann - Contribution for

\* 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-

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\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/core/ITypeParameter.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](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](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>

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jar/org/aspectj/org/eclipse/jdt/core/dom/UsesDirective.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/RequiresDirective.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/ModuleDirective.java
*
/opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/ModulePackageAccess.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/OpensDirective.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
jar/org/aspectj/org/eclipse/jdt/core/dom/ExportsDirective.java
* /opt/cola/permits/1017214397_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-
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 *   Alexandre Vasseur  rearchitected for #75442 finer grained matching
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```

jar/org/aspectj/weaver/PerObjectInterfaceTypeMunger.java  
\* /opt/cola/permits/1017214397\_1654022815.5909169/0/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/weaver/PerObjectInterfaceTypeMunger.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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\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto: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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/codegen/MultiCatchExceptionLabel.java  
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* philippe.marschall@netcetera.ch - Fix for 338370
* IBM Corporation - Fix for validating relative name
*****/
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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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjweaver-1-9-5-sources-jar/org/aspectj/weaver/ExposeTypeMunger.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 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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\* /opt/cola/permits/1017214397\_1654022815.5909169/aspectj-1-9-5-src-jar/aspectjtools-1-9-5-sources-jar/org/aspectj/org/eclipse/jdt/internal/compiler/ast/QualifiedNameReference.java



# 1.86 spring-security-crypto 5.2.1

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- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
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For the following XML

Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd

- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

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The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
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- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
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## 1.93 jackson-module-parameter-names 2.10.2

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```
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/util/backoff/BackOff.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/convert/support/ZonedDateTimeToCalendarConverter.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/env/PropertyResolver.java
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jar/org/springframework/core/type/filter/TypeFilter.java
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jar/org/springframework/core/convert/support/EnumToStringConverter.java
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```



jar/org/springframework/util/ErrorHandler.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/convert/support/NumberToNumberConverterFactory.java  
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\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
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\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-jar/org/springframework/core/env/MapPropertySource.java

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\*/

Found in path(s):

\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/type/classreading/MetadataReader.java  
No license file was found, but licenses were detected in source scan.

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\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/SpringVersion.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/xml/XmlValidationModeDetector.java  
\*  
/opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/annotation/AttributeMethods.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/LinkedCaseInsensitiveMap.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/ObjectUtils.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/codec/ByteBufferDecoder.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/annotation/SynthesizingMethodParameter.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/MimeType.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/annotation/AnnotationsProcessor.java  
\*  
/opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/xml/TransformerUtils.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/log/LogDelegateFactory.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/util/SocketUtils.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/cglib/core/ClassLoaderAwareGeneratorStrategy.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/io/support/SpringFactoriesLoader.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/annotation/MergedAnnotationsCollection.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/type/classreading/RecursiveAnnotationArrayVisitor.java

\*  
/opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/annotation/AbstractMergedAnnotation.java  
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jar/org/springframework/core/AliasRegistry.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-  
jar/org/springframework/core/SimpleAliasRegistry.java  
\* /opt/cola/permits/1020067482\_1611562681.86/0/spring-core-5-2-3-release-sources-

```
jar/org/springframework/core/MethodParameter.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/codec/ResourceDecoder.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/util/ClassUtils.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/codec/StringDecoder.java
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* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/io/ContextResource.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/type/filter/RegexPatternTypeFilter.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/style/ValueStyler.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/core/io/support/ResourcePatternResolver.java
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jar/org/springframework/asm/Frame.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/TypeReference.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ConstantDynamic.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/SymbolTable.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ClassTooLargeException.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/FieldVisitor.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ModuleVisitor.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/MethodTooLargeException.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Constants.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/AnnotationWriter.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/TypePath.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Symbol.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Handle.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Attribute.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/AnnotationVisitor.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Label.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Type.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ModuleWriter.java
*
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ClassVisitor.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ClassWriter.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Context.java
```



```
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/MethodVisitor.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/CurrentFrame.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/FieldWriter.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ClassReader.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Edge.java
*
```

```
/opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/MethodWriter.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/ByteVector.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Handler.java
* /opt/cola/permits/1020067482_1611562681.86/0/spring-core-5-2-3-release-sources-
jar/org/springframework/asm/Opcodes.java
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jar/org/springframework/cglib/proxy/Enhancer.java
```

## 1.96 byte-buddy-dep 1.10.6

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>>> Maven Model (org.apache.maven:maven-model)  
>>> Maven Model Builder (org.apache.maven:maven-model-builder)  
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Maven Repository Metadata Model (org.apache.maven:maven-repository-metadata)  
>>> Maven Settings (org.apache.maven:maven-settings)  
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>>> org.codehaus.groovy:groovy
>>> org.apache.maven:maven-aether-provider
>>> org.apache.maven:maven-model
>>> org.apache.maven:maven-model-builder
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## 1.100 jul-to-slf4j 1.7.30

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# 1.101 spring-aop 5.2.3

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## 1.113 jdbc-starter 2.2.4

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# 1.115 orm-core 5.4.10

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# 1.117 spring-data-jpa 2.2.4

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```
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jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
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*
```

```
/opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
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\*  
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\* /opt/cola/permits/1028387514\_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-jar/com/google/errorprone/annotations/FormatString.java  
\* /opt/cola/permits/1028387514\_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-jar/com/google/errorprone/annotations/MustBeClosed.java  
\*  
/opt/cola/permits/1028387514\_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-jar/com/google/errorprone/annotations/CompatibleWith.java  
\* /opt/cola/permits/1028387514\_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-jar/com/google/errorprone/annotations/RestrictedApi.java  
\* /opt/cola/permits/1028387514\_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-

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* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/CompileTimeConstant.java
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/opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/Immutable.java
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jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/ForOverride.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/RequiredModifiers.java
* /opt/cola/permits/1028387514_1607186847.25/0/error-prone-annotations-2-2-0-sources-2-
jar/com/google/errorprone/annotations/Var.java
```

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```
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/ThreadSafe.java  
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/Immutable.java  
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/NotThreadSafe.java
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\* /opt/cola/permits/1135891472\_1613626397.91/0/xpp3-min-1-1-4c-sources-1-  
 jar/org/xmlpull/mxp1/MXParser.java

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/**
```

```
* A Base64 encoder/decoder.
```

```
*
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```
* <p>
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```
* This class is used to encode and decode data in Base64 format as described in
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* RFC 1521.
```

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```
* Project home page: <a
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jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/emitter/EmitterState.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/constructor/ConstructorException.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/scanner/SimpleKey.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/representer/BaseRepresenter.java  
\*  
/opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/constructor/Construct.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-  
jar/org/yaml/snakeyaml/resolver/Resolver.java

\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/MappingStartEvent.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/parser/Parser.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/GenericProperty.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/scanner/Constant.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/nodes/NodeTuple.java  
 \*  
 /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/ScalarToken.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/Yaml.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/serializer/Serializer.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java  
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 /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/error/Mark.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/DumperOptions.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/serializer/SerializerException.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/ScalarEvent.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/emitter/Emitter.java  
 \* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/Event.java  
 \*

/opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/parser/ParserImpl.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/FieldProperty.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/util/UriEncoder.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/composer/Composer.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/LoaderOptions.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/AliasEvent.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/ImplicitTuple.java  
\*  
/opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/ValueToken.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/representer/Represent.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/tokens/AliasToken.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/BeanAccess.java  
\*  
/opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/nodes/MappingNode.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/TypeDescription.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/nodes/Node.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/error/YAMLException.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/introspector/MethodProperty.java  
\* /opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java

```
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/events/StreamEndEvent.java
*
/opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/parser/ParserException.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/reader/StreamReader.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/tokens/CommentToken.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/events/NodeEvent.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/constructor/Constructor.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
*
/opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/scanner/Scanner.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/reader/UnicodeReader.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
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```

```
Found in path(s):
```

```
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /opt/cola/permits/1136142378_1654022973.6672878/0/snakeyaml-1-25-sources-2-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
```



\*

/opt/cola/permits/1136142378\_1654022973.6672878/0/snakeyaml-1-25-sources-2-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java

# 1.139 log4j-jul 2.12.1

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## 1.141 j2objc-annotations 1.1

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# 1.142 rxjava 1.3.8

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jar/rx/internal/operators/OperatorWithLatestFrom.java
```

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/util/PlatformDependent.java
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* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
```

\*  
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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorMapPair.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorOnBackpressureLatest.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorSampleWithTime.java  
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/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorPublish.java  
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/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorWindowWithObservable.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorDoAfterTerminate.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorSwitch.java  
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/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorWindowWithTime.java  
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```

* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/ActionSubscriber.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleDoOnSubscribe.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleFromEmitter.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/exceptions/package-info.java
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jar/rx/internal/util/InternalObservableUtils.java
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jar/rx/internal/operators/OnSubscribeOnAssembly.java
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jar/rx/internal/operators/SingleTakeUntilObservable.java
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jar/rx/internal/operators/NeverObservableHolder.java
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* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observers/SafeCompletableSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/plugins/RxJavaHooks.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subscriptions/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/subscriptions/CancellableSubscription.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleDoOnUnsubscribe.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observers/AssertableSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleObserveOn.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleFromFuture.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observers/AsyncCompletableSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeLift.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-

```

```

jar/rx/internal/operators/OnSubscribeThrow.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleTakeUntilSingle.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/observers/AssertableSubscriberObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeFlattenIterable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/plugins/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleFromObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/plugins/RxJavaSingleExecutionHookDefault.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/plugins/RxJavaCompletableExecutionHook.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/plugins/RxJavaSingleExecutionHook.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/EmptyObservableHolder.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleToObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleLiftObservableOperator.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/ObserverSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/subscriptions/Unsubscribed.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleOnErrorReturn.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observables/package-info.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeCreate.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/SchedulePeriodicHelper.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleTakeUntilCompletable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/exceptions/AssemblyStackTraceException.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/BackpressureOverflow.java

```

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleTimeout.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Emitter.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/ActionNotificationObserver.java
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*/
```

Found in path(s):

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/atomic/SpSCUnboundedAtomicArrayQueue.java
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*/
```

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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java

\*

/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java

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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/unsafe/SpSCUnboundedArrayQueue.java

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```
/**
 * This plugin class provides 2 ways to customize {@link Scheduler} functionality
 * 1. You may redefine entire schedulers, if you so choose. To do so, override
 * the 3 methods that return Scheduler (io(), computation(), newThread()).
 * 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The
 * system-
 * supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,
 * Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to
 * modify Scheduler functionality without redefining Schedulers wholesale.
 *
 * Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.
 * <p>
 * See {@link RxJavaPlugins} or the RxJava GitHub Wiki for information on configuring plugins:
 * <a
 * href="https://github.com/ReactiveX/RxJava/wiki/Plugins">https://github.com/ReactiveX/RxJava/wiki/Plugins</a>.
 */
```

Found in path(s):

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/plugins/RxJavaSchedulersHook.java
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/unsafe/MpscLinkedQueue.java
```

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\*/

Found in path(s):

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/unsafe/SpscLinkedQueue.java

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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/ExceptionsUtils.java

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeReduceSeed.java

\*

/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribePublishMulticast.java

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/SingleOperatorZip.java

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-

```
jar/rx/internal/util/SuppressAnimalSniffer.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/SchedulerLifecycle.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeTakeLastOne.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/DeferredScalarSubscriberSafe.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeReduce.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/DeferredScalarSubscriber.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeConcatMap.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeCollect.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleOnSubscribeUsing.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeFromCallable.java
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jar/rx/internal/operators/SingleDoAfterTerminate.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/singles/BlockingSingle.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observables/AsyncOnSubscribe.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/BlockingUtils.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/SingleSubscriber.java
```



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 */
```

Found in path(s):

```
*/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
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 */
```

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```
*/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/unsafe/SpmcArrayQueue.java
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```

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```
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* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
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 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observables/SyncOnSubscribe.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java  
 \*  
 /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func2.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/BlockingOperatorNext.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/schedulers/GenericScheduledExecutorService.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorIgnoreElements.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/TrampolineScheduler.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/CompletableOnSubscribeConcat.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subscriptions/BooleanSubscription.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/SerializedSubject.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/exceptions/OnErrorFailedException.java  
 \*  
 /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/BlockingOperatorToIterator.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorToObservableSortedList.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorTakeWhile.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action3.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-

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jar/rx/internal/operators/BlockingOperatorToFuture.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observables/ConnectableObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Scheduler.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorTakeLast.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorToObservableList.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/exceptions/CompositeException.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/TestScheduler.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeJoin.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorSkip.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeFromIterable.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/SingleDoOnEvent.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorZip.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/SubscriptionList.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Notification.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorTimestamp.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action4.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeDefer.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/SleepingAction.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorGroupBy.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action7.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeMap.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/SerializedObserver.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeTimeoutSelectorWithFallback.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func6.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/exceptions/OnErrorThrowable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorSingle.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-

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jar/rx/internal/operators/OperatorSkipLast.java  
\*  
/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action5.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observables/BlockingObservable.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action6.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/LinkedList.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/schedulers/CachedThreadScheduler.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/plugins/RxJavaErrorHandler.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/TestSubject.java  
\*  
/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorSkipWhile.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorAsObservable.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeFilter.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subscriptions/Subscriptions.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func1.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/exceptions/Exceptions.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/exceptions/UnsubscribeFailedException.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/Observers.java  
\*  
/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorSequenceEqual.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorSkipLastTimed.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorUnsubscribeOn.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/BackpressureDrainManager.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorElementAt.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/CompletableOnSubscribeTimeout.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/BehaviorSubject.java  
\*

/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Completable.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/SingleOnSubscribeMap.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func0.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeDoOnEach.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/Timestamped.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/ImmediateScheduler.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorTakeUntilPredicate.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeToObservableFuture.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Functions.java  
 \*  
 /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeToMap.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Function.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action8.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorTakeLastTimed.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeFromArray.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/NotificationLite.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/UnicastSubject.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func5.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action.java  
 \*  
 /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorDelay.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OnSubscribeRedo.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorTakeUntil.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/TestObserver.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorMapNotification.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/schedulers/TrampolineScheduler.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/PublishSubject.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subscriptions/SerialSubscription.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/TestSubscriber.java  
 \*  
 /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/SubjectSubscriptionManager.java  
 \* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-

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jar/rx/internal/operators/OperatorAny.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func9.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorSubscribeOn.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observables/GroupedObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/BufferUntilSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorWithLatestFromMany.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/ImmediateScheduler.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func3.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Subscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/FuncN.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorTake.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorZipIterable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/SafeSubscriber.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorCast.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeAutoConnect.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorMaterialize.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/Subject.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/exceptions/MissingBackpressureException.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Observer.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorDoOnSubscribe.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/exceptions/OnErrorNotImplementedException.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func4.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorDoOnRequest.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorObserveOn.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-

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jar/rx/subscriptions/RefCountSubscription.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/ScalarSynchronousObservable.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorMerge.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/operators/OperatorAll.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func8.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/plugins/RxJavaPlugins.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/schedulers/EventLoopsScheduler.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/subscriptions/SequentialSubscription.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/RxRingBuffer.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/plugins/RxJavaObservableExecutionHook.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/subscriptions/CompositeSubscription.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorDematerialize.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/exceptions/OnCompletedFailedException.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action0.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeUsing.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/AsyncSubject.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/observers/SerializedSubscriber.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeAmb.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/BlockingOperatorLatest.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorThrottleFirst.java
*
/opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/package-info.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OperatorReplay.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/operators/OnSubscribeRange.java
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-

```



jar/rx/internal/operators/BlockingOperatorMostRecent.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorTimeInterval.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OnSubscribeSingle.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/CachedObservable.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/util/IndexedRingBuffer.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorOnBackpressureBuffer.java  
\*  
/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Subscription.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/CompletableOnSubscribeMerge.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/TimeInterval.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/ActionN.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/SingleOperatorCast.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/subjects/ReplaySubject.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Func7.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/schedulers/Schedulers.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action2.java  
\*  
/opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorSerialize.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorScan.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OperatorOnBackpressureDrop.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OnSubscribeGroupJoin.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action9.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Producer.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/functions/Action1.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/observers/Subscribers.java

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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/SingleEmitter.java

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-

jar/rx/internal/operators/CompletableFromEmitter.java

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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert  
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:

<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools  
as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>).

RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an  
externally visible dependency that results in a separate jar.

The license for the JCTools code is <https://github.com/JCTools/JCTools/blob/master/LICENSE>

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jar/rx/internal/producers/SingleDelayedProducer.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/producers/ProducerObserverArbiter.java  
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jar/rx/internal/producers/QueuedValueProducer.java  
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jar/rx/internal/producers/QueuedProducer.java  
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jar/rx/internal/operators/BackpressureUtils.java  
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\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/Single.java  
\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/operators/OnSubscribeCombineLatest.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-  
jar/rx/internal/util/unsafe/QueueProgressIndicators.java  
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Found in path(s):

\* /opt/cola/permits/1145449550\_1616155815.36/0/rxjava-1-3-8-sources-1-jar/rx/internal/util/unsafe/MessagePassingQueue.java

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*/
```

Found in path(s):

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue.java
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*/
```

Found in path(s):

```
* /opt/cola/permits/1145449550_1616155815.36/0/rxjava-1-3-8-sources-1-
jar/rx/internal/util/unsafe/BaseLinkedQueue.java
```

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```
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/LinkedTreeMap.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java  
\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TypeAdapters.java  
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/opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java  
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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/TypeAdapterFactory.java  
\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java  
\*  
/opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java  
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jar/com/google/gson/internal/GsonBuildConfig.java

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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

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- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonParseException.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonPrimitive.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/ExclusionStrategy.java
- \*
- /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializer.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/\$Gson\$Preconditions.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Excluder.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializationContext.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonArray.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Since.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Primitives.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/reflect/TypeToken.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/Gson.java
- \*
- /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonIOException.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonObject.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializer.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonNull.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializationContext.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonElement.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/GsonBuilder.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingPolicy.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingStrategy.java
- \*
- /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/DefaultDateTypeAdapter.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Until.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/SerializedName.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Expose.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/InstanceCreator.java

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```
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/annotations/JsonAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
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jar/com/google/gson/internal/LazilyParsedNumber.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/SqlDateTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/ConstructorConstructor.java
```

```
*
/opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/TimeTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/DateTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/UnsafeAllocator.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
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```
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/$Gson$Types.java
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jar/com/google/gson/JsonSyntaxException.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Streams.java

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jar/com/google/gson/stream/JsonToken.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-

jar/com/google/gson/stream/JsonWriter.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-

jar/com/google/gson/stream/JsonScope.java

\*

/\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-

jar/com/google/gson/stream/MalformedJsonException.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-

jar/com/google/gson/stream/JsonReader.java

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```
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-  
jar/com/google/gson/LongSerializationPolicy.java  
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-  
jar/com/google/gson/JsonStreamParser.java  
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldAttributes.java  
*  
/opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonParser.java
```

## 1.146 security-provider 1.3.0

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## 1.147 stax-api 1.0.1

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## 1.148 stax 3.1.4

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\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/dom/DOMWrappingReader.java

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jar/org/codehaus/stax2/ri/Stax2WriterAdapter.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/Stax2WriterImpl.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
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```

```
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
```

```
jar/org/codehaus/stax2/ri/typed/CharArrayBase64Decoder.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/StringBase64Decoder.java
*
/opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/util/StreamWriterDelegate.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/NumberUtil.java
No license file was found, but licenses were detected in source scan.
```

```
/* Stax2 extension for basic Stax API (JSR-173).
*
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*
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* the source code.
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*/
```

Found in path(s):

```
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/Base64Variant.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/Base64Variants.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/XMLStreamReader2.java
*
/opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/TypedXMLStreamReader.java
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```

```
/* Reference Implementation of
* Stax2 extension API (for basic Stax API, JSR-173)
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```

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\*/

Found in path(s):

\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/typed/ValueDecoderFactory.java  
\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/typed/AsciiValueEncoder.java  
No license file was found, but licenses were detected in source scan.

```
/* Woodstox XML processor
 *
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 * included with the source code.
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 */
```

Found in path(s):

\* /opt/cola/permits/1129090477\_1612176217.67/0/stax2-api-3-1-4-sources-  
jar/org/codehaus/stax2/ri/Stax2EventReaderImpl.java

## 1.149 javax-ws-rs-api 2.0

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## 1.150 jsr311-api 1.1.1

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Found in path(s):

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Request.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/RuntimeDelegate.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/ContextResolver.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/FactoryFinder.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ApplicationPath.java

\*  
/opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/MessageBodyWriter.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/StreamingOutput.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Response.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/MessageBodyReader.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/Providers.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/ExceptionMapper.java

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Found in path(s):

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/POST.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Path.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/MatrixParam.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/WebApplicationException.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/DELETE.java

\*

/opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Application.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/GET.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Cookie.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/Provider.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/QueryParam.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriBuilderException.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/FormParam.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Produces.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/CacheControl.java

\*

/opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Variant.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/MediaType.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/SecurityContext.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Encoded.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/OPTIONS.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriInfo.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/PathSegment.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Context.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/CookieParam.java

\*

/opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/EntityTag.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HttpMethod.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Consumes.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HEAD.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/HttpHeaders.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/MultivaluedMap.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriBuilder.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/DefaultValue.java

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/PUT.java

\*  
/opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HeaderParam.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/NewCookie.java  
\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/PathParam.java  
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Found in path(s):

\* /opt/cola/permits/1150985925\_1654022939.907158/0/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/GenericEntity.java

## 1.151 hdrhistogram 2.1.11

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```
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*  
* @author Gil Tene  
*/
```

```
package org.HdrHistogram;
```

```
final class Version {  
    public static final String version="$VERSION$";  
    public static final String build_time="$BUILD_TIMES$";  
}
```

Found in path(s):

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/Version.java.template
```

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```
/**
```

```
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*  
* @author Gil Tene  
*/
```

Found in path(s):

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/RecordedValuesIterator.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/Histogram.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/HistogramLogReader.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/Version.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/IntCountsHistogram.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoublePercentileIterator.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/SingleWriterDoubleRecorder.java
```

```
*
```

```
/opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/LogarithmicIterator.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleRecordedValuesIterator.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/HistogramLogProcessor.java
```

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-
```

jar/org/HdrHistogram/AllValuesIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/Recorder.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/ConcurrentDoubleHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/SynchronizedHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleLogarithmicIterator.java  
\*  
/opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/LinearIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/Base64Helper.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleRecorder.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/AtomicHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/SingleWriterRecorder.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleAllValuesIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/PercentileIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/SynchronizedDoubleHistogram.java  
\*  
/opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/ConcurrentHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleHistogramIterationValue.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/HistogramLogScanner.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/DoubleLinearIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/EncodableHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/ShortCountsHistogram.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/AbstractHistogramIterator.java  
\* /opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/ZigZagEncoding.java  
\*  
/opt/cola/permits/1151091150\_1617780223.7/0/hdrhistogram-2-1-11-sources-6-  
jar/org/HdrHistogram/HistogramIterationValue.java  
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```
/*
 * package-info.java
 * Written by Gil Tene of Azul Systems, and released to the public domain,
 * as explained at http://creativecommons.org/publicdomain/zero/1.0/
 */
```

Found in path(s):

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-jar/org/HdrHistogram/package-info.java
```

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 *
 * @author Gil Tene
 */
```

Found in path(s):

```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-jar/org/HdrHistogram/DoubleHistogram.java
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-jar/org/HdrHistogram/AbstractHistogram.java
```

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 */
```

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```
* /opt/cola/permits/1151091150_1617780223.7/0/hdrhistogram-2-1-11-sources-6-jar/org/HdrHistogram/WriterReaderPhaser.java
```

## 1.152 woodstox-core-asl 4.4.1

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- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/io/ISOLatinReader.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/MinimalDTDReader.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/InputElementStack.java
- \*
- /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDSubsetImpl.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/StreamScanner.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/TypedStreamReader.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/NsInputElementStack.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/BufferingXmlWriter.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDEventListener.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDValidatorBase.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDTypingNonValidator.java
- \*
- /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/BasicStreamReader.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sr/AttributeCollector.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDValidator.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/TypedStreamWriter.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/FullDTDReader.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/AsciiXmlWriter.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/io/ReaderBootstrapper.java
- \* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/XmlWriterWrapper.java

```
*
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sw/XmlWriter.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sw/BaseStreamWriter.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sw/ISOLatin1XmlWriter.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sw/EncodingXmlWriter.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sr/NsDefaultProvider.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/WstxInputSource.java
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jar/com/ctc/wstx/sw/RepairingNsStreamWriter.java
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\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/util/BijectiveNsMap.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/OutputElementBase.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/SimpleOutputElement.java

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\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sax/SAXProperty.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sax/WrappedSaxException.java

\*

/opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sax/SAXFeature.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sax/WstxSAXParser.java

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jar/com/ctc/wstx/util/BaseNsContext.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/WstxInputLocation.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/util/PrefixedName.java
*
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/exc/WstxException.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/AsciiReader.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/exc/WstxLazyException.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/ent/EntityDecl.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/WstxInputData.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/UTF8Reader.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/UTF32Reader.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/evt/BaseStartElement.java
*
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/PrefixedNameSet.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/io/EBCDICCodec.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/stax/WstxEventFactory.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/evt/DefaultEventAllocator.java
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\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/BaseNsStreamWriter.java

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\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/msv/RelaxNGSchema.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/dtd/DTDElement.java

\*  
\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/stax/WstxOutputFactory.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/sw/NonNsStreamWriter.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/msv/GenericMsvValidator.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/util/ElementIdMap.java

\* /opt/cola/permits/1151170821\_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-jar/com/ctc/wstx/msv/W3CSchema.java

```
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/msv/W3CSchemaFactory.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/msv/BaseSchemaFactory.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DTDAttribute.java
*
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/sr/ValidatingStreamReader.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DefaultAttrValue.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DTDId.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DTDSubset.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DTDSchemaFactory.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/evt/WstxEventReader.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/msv/AttributeProxy.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/util/SymbolTable.java
*
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/msv/RelaxNGSchemaFactory.java
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jar/com/ctc/wstx/dtd/ContentSpec.java
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-
jar/com/ctc/wstx/dtd/DFAValidator.java
```

```
* /opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-  
jar/com/ctc/wstx/dtd/StructValidator.java  
*  
/opt/cola/permits/1151170821_1617802167.94/0/woodstox-core-asl-4-0-11-sources-4-  
jar/com/ctc/wstx/dtd/DFASState.java
```

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