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Text Part Number: 78EE117C99-1027977536
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1.3 eclipse-compiler 3.10.2.v20150120 1634

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*******************************************************************************/
package org.eclipse.text.edits;
import org.eclipse.jface.text.BadLocationException;
import org.eclipse.jface.text.IDocument;

/**
 * A <code>CopyingRangeMarker</code> can be used to track positions when executing
 * text edits. Additionally a copying range marker stores a local copy of the
public final class CopyingRangeMarker extends TextEdit {

private String fText;

/**
 * Creates a new <tt>CopyRangeMarker</tt> for the given
 * offset and length.
 * @param offset the marker's offset
 * @param length the marker's length
 */
public CopyingRangeMarker(int offset, int length) {
    super(offset, length);
}

/* non Java-doc
 * @see TextEdit#doCopy
 */
protected TextEdit doCopy() {
    return new CopyingRangeMarker(this);
}

/* @see TextEdit#accept0
 */
protected void accept0(TextEditVisitor visitor) {
    boolean visitChildren = visitor.visit(this);
    if (visitChildren) {
        acceptChildren(visitor);
    }
}

/* non Java-doc
 * @see TextEdit#performDocumentUpdating
 */
/* package */ int performDocumentUpdating(IDocument document) throws BadLocationException {
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1.6 hadoop-hdfs 2.6.0

1.7 jetty-jaspi 7.6.0.v20120127

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1.9 jackson-annotations 2.10.3

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nodemanager/src/main/native/container-executor/impl/compat/{fstatat|openat|unlinkat}.h:

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1.18 hadoop-mapreduce-client-core 2.6.0

1.19 xmlenc 0.52
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1.20 grizzly-http 2.4.4
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Last revised by Reagle $Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) $

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- jsp_2_2.xsd
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Last revised by Reagle $Date: 2005/06/03 22:49:13 $

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#define UV_IO_PRIVATE_PLATFORM_FIELDS
int rcount;

#endif
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* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
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* java.sun.security.ssl

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.76 jakarta-websocket-api 1.1.1

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1.78 jna-platform 4.2.2

1.79 apache-log4j 1.2.17

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For src/main/native/src/org/apache/hadoop/io/compress/lz4/{lz4.h,lz4.c,lz4hc.h,lz4hc.c}.

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*/

For hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-nativetask/src/main/native/gtest
---------------------------------------------------------------------

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nodemanager/src/main/native/container-executor/impl/compat/{fstatat|openat|unlinkat}.h:

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JUnit

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io.swagger:swagger-annotations:1.5.4
javax.inject:javax.inject:1
log4j:log4j:1.2.17
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org.apache.htrace:htrace-core4:4.1.0-incubating
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org.apache.httpcomponents:httpcore:4.4.10
org.apache.kafka:kafka-clients:2.4.0
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hadoop-common-project/hadoop-common/src/main/native/src/org/apache/hadoop/io/compress/lz4/{lz4.h,lz4.c,lz4hc.h,lz4hc.c}
hadoop-hdfs-project/hadoop-hdfs-native-client/src/main/native/fuse-dfs/util/tree.h
com.github.luben:zstd-jni:1.4.3-1
dnsjava:dnsjava:2.1.7
org.codehaus.woodstox:stax2-api:3.1.4

BSD 3-Clause

hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/bloom/*
hadoop-common-project/hadoop-common/src/main/native/gtest/gtest-all.cc
hadoop-common-project/hadoop-common/src/main/native/gtest/include/gtest/gtest.h
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hadoop-hdfs-project/hadoop-hdfs/src/main/webapps/static/d3-3.5.17.min.js
leveldb v1.13
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org.ow2.asm:asm-commons:6.0
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jquery-ui v1.11.4
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momentjs v2.10.6
qunit v1.19.0
select2 v4.0.0
snippet-ss v1.11.0
spin.js v2.3.2

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org.jruby.joni:joni:2.1.2
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javax.servlet:javax.servlet-api:3.1.0
javax.servlet.jsp:jsp-api:2.1
javax.websocket:javax.websocket-api:1.0
javax.ws.rs:jsr311-api:1.1.1
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Zstd-jni: JNI bindings to Zstd Library

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hadoop-tools/hadoop-sls/src/main/html/css/bootstrap-responsive.min.css
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hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/resources/webapps/static/jQuery
hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/resources/webapps/static/jt/jQuery.jstree.js
hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/resources/TERMINAL

========

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function:

```scala
val x: ((Int, Int) => Int) = (((a, b)) => a)
```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function:

```scala
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
Either create a single parameter accepting the Tuple3,
or consider a pattern matching anonymous function:
```scala
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```
three errors found
Scala includes the jQuery library:

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1.105 jetty-util 7.6.0.v20120127

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1.106 slf4j 1.7.25

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1.112 jpam 1.1

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Eclipse

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

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

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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

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

-----

Oracle OpenJDK

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

* java.sun.security.ssl

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

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

-----

MortBay

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas
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1.122 jetty-annotations 7.6.0.v20120127

1.123 jetty-xml 7.6.0.v20120127

1.124 curator-framework 2.12.0

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1.125 kerb-core 1.1.0
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1.128 curator-client 2.12.0

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1.138 hbase 2.2.4

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1.154 jetty-annotations 9.3.25.v20180904

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1.156 jdo-api 3.0.1

1.157 hadoop-hdfs 3.0.0

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Header File
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For hadoop-hdfs-project/hadoop-hdfs-native-client/src/main/native/fuse-dfs/util/tree.h

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- hadoop-tools/hadoop-sls/src/main/html/js/thirdparty/bootstrap.min.js
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- Mockito 1.8.5
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*
* Abstract: The main routine
* 
--*/

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For hadoop-common-project/hadoop-common/src/main/native/gtest
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only if the new code is made subject to such option by the copyright

holder.

-->

<project name="Jersey-Licence-Maintenance" default="jar" basedir=".">

<taskdef name="licensetool" classname="org.jvnet.licensetool.LicenseToolTask">
   <classpath>
      <pathelement location="lib/license-tool-1.0-SNAPSHOT.jar"/>
   </classpath>
</taskdef>

<target name="check-copyright" description="Checks all source files has proper licence boilerplate">
   <licensetool srcDir="../..
   validate="true"
   skipdirs=".svn"
   copyright="copyright.txt"
   includes="jersey/src/**/*.java jersey/test/**/*.java jersey/build.xml jersey/examples/**/*.java
   jersey/maven/*.xml **/*.pom*.xml">
   </licensetool>
</target>

<target name="fix-copyright" description="Fixes licence boilerplate at all source files">
   <licensetool srcDir="../..
   validate="false"
   skipdirs=".svn"
   copyright="copyright.txt"
   includes="jersey/src/**/*.java jersey/test/**/*.java jersey/build.xml jersey/examples/**/*.java
   jersey/maven/*.xml **/*.pom*.xml">
   </licensetool>
</target>

</project>

Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven
Built-By: hudson
Build-Jdk: 1.5.0_06
1
966
6
6
6
6
6
data

Java code snippet:
```java
String data = "<init>$(Ljava/lang/String;Ljava/util/Set;)V
CodeLineNumberTable
LocalVariableTable
this'Long/jvnet/licensetool/file/PlainBlock;
tagsLjava/util/Set;LocalVariableTypeTable
#Ljava/util/Set<Ljava/lang/String;>
Signature8(Ljava/lang/String;Ljava/util/Set<Ljava/lang/String;>;)V
+Lorg/jvnet/licensetool/file/FileWrapper;
Vfw(Lorg/jvnet/licensetool/file/FileWrapper;
Exceptions
contents(Ljava/lang/String;writeequals(Ljava/lang/Object;)Z
objLjava/lang/Object;blockobj
hashCode()
)instantiatetemplate8(Ljava/util/Map;)Lorg/jvnet/licensetool/file/PlainBlock;
tokenreplacement
parameters(Ljava/util/Map;sbLjava/lang/StringBuilder;stLjava/lang/String;
/StringBuilder;:"<init>$(Ljava/lang/String;Ljava/util/Set;)V
Block;Long/jvnet/licensetool/file/Block;>;
SourceFilePlainBlock.java&$%&:.3%org/jvnet/licensetool/file/PlainBlock<=BC
java/lang/StringBuilderjava/util/StringTokenizer@&:java/lang/String:&3(.+?)^"C"org/jvnet/licensetool/generic/Pair<
org/jvnet/licensetool/file/FileWrapper;OpenModeOpenModeInnerClassesREAD1Lorg/jvnet/licensetool/file/FileWrapper$OpenMode;
&org/jvnet/licensetool/file/FileWrapperopen4(Lorg/jvnet/licensetool/file/FileWrapper$OpenMode;)
V()V
/hasMoreTokens()
nextToken
java/util/Mapget&(Ljava/lang/Object;)Ljava/lang/Object;append-
(Ljava/lang/String;):Ljava/lang/StringBuilder;toString
(java/util/regex/Patterncompile.(Ljava/lang/String;I)Ljava/util/regex/Pattern;
3(Ljava/lang/CharSequence;)Ljava/util/regex/Matcher;
java/util/regex/Matcherfindgroupend
substring(I)Ljava/lang/String;:'(Ljava/lang/Object;Ljava/lang/Object;)V!
#$%&+%(*+,DE(_Y
MN*-,Y,)*
ac@```

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(String)|=java/lang/SecurityException Method C has a List<> return type % that is not parameterized by a class/ does not have a parameterized List return
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package com.sun.jersey.impl.json;

import java.util.LinkedList;
import java.util.List;
import javax.xml.bind.annotation.XmlRootElement;

@XmlRootElement
public class Permission {
    public Integer id;
    public List<Permission> children;  // optional, holds the children permission of this one

    public static Permission getRootPermission() {
        Permission result = new Permission();
        result.id = 7;
        result.children = new LinkedList<Permission>();
        result.children.add(getChildPermission());
        return result;
    }

    public static Permission getChildPermission() {

    }

    public static Permission getChildPermission() {

    }
}
Permission result = new Permission();
result.id = 8;
result.children = new LinkedList<Permission>();
result.children.add(get2ndLevelChildPermission());
return result;
}

public static Permission get2ndLevelChildPermission() {
    Permission result = new Permission();
    result.id = 9;
    return result;
}
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1.207 jackson 2.10.3

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

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1.208 javax-annotation-api 1.3

1.209 jersey-client 1.9

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 */

package com.sun.jersey.client.impl;
import com.sun.jersey.api.client.ClientRequest;
import com.sun.jersey.api.client.ClientRequestAdapter;
import com.sun.jersey.core.header.OutBoundHeaders;

import javax.ws.rs.core.MultivaluedMap;
import java.io.IOException;
import java.io.OutputStream;
import java.net.URI;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;

public final class ClientRequestImpl extends ClientRequest implements ClientRequestAdapter {
    private Map<String, Object> properties;

    private URI uri;
    private String method;
    private Object entity;
    private final MultivaluedMap<String, Object> metadata;
    private ClientRequestAdapter adapter;

    public ClientRequestImpl(URI uri, String method) {
        this(uri, method, null, null);
    }

    public ClientRequestImpl(URI uri, String method, Object entity) {
        this(uri, method, entity, null);
    }

    public ClientRequestImpl(URI uri, String method, Object entity, MultivaluedMap<String, Object> metadata) {
        this.uri = uri;
        this.method = method;
        this.entity = entity;
        this.metadata = (metadata != null) ? metadata : new OutBoundHeaders();
        this.adapter = this;
    }

    public ClientRequestImpl(URI uri, String method, Object entity, MultivaluedMap<String, Object> metadata) {
        this.uri = uri;
        this.method = method;
        this.entity = entity;
        this.metadata = (metadata != null) ? metadata : new OutBoundHeaders();
        this.adapter = this;
    }

    public Map<String, Object> getProperties() {
        if (properties == null)
            properties = new HashMap<String, Object>();
    }
}
return properties;
}

public void setProperties(Map<String, Object> properties) {
    this.properties = properties;
}

public URI getURI() {
    return uri;
}

public void setURI(URI uri) {
    this.uri = uri;
}

public String getMethod() {
    return method;
}

public void setMethod(String method) {
    this.method = method;
}

public Object getEntity() {
    return entity;
}

public void setEntity(Object entity) {
    this.entity = entity;
}

public MultivaluedMap<String, Object> getMetadata() {
    return getHeaders();
}

public MultivaluedMap<String, Object> getHeaders() {
    return metadata;
}

public ClientRequestAdapter getAdapter() {
    return adapter;
}

public void setAdapter(ClientRequestAdapter adapter) {
    this.adapter = (adapter != null) ? adapter : this;
}

@Override
public ClientRequest clone() {
    return new ClientRequestImpl(this.uri, this.method,
        this.entity, clone(this.metadata));
}

private static MultivaluedMap<String, Object> clone(MultivaluedMap<String, Object> md) {
    MultivaluedMap<String, Object> clone = new OutBoundHeaders();
    for (Map.Entry<String, List<Object>> e : md.entrySet()) {
        clone.put(e.getKey(), new ArrayList<Object>(e.getValue()));
    }
    return clone;
}

// ClientRequestAdapter

public OutputStream adapt(ClientRequest request, OutputStream out) throws IOException {
    return out;
}

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package com.sun.jersey.api.client;
import java.io.IOException;
import java.io.OutputStream;

/**
 * A commiting output stream that commits before
 * the first byte is written to the adapted [@link OutputStream].
 * <p>
 * This class may be overridden to provide the commit functionality.
 * *
 * @author Paul.Sandoz@Sun.Com
 */
public abstract class CommittingOutputStream extends OutputStream {

  private OutputStream o;

  private boolean isCommitted;

  /**
   * Construct a new instance.
   * <p>
   * The method [@link #getOutputStream( ) } MUST be overridden
   * to return an output stream.
   */
  public CommittingOutputStream( ) {
  }

  /**
   * Construct a new instance with an output stream to adapt.
   * @param o the adapted output stream.
   * @throws IllegalArgumentException if <code>o</code> is null.
   */
  public CommittingOutputStream(OutputStream o) {
      if (o == null)
          throw new IllegalArgumentException();
  }
}
this.o = o;
}

@Override
public void write(byte b[]) throws IOException {
    commitWrite();
    o.write(b);
}

@Override
public void write(byte b[], int off, int len) throws IOException {
    commitWrite();
    o.write(b, off, len);
}

public void write(int b) throws IOException {
    commitWrite();
    o.write(b);
}

@Override
public void flush() throws IOException {
    commitWrite();
    o.flush();
}

@Override
public void close() throws IOException {
    commitWrite();
    o.close();
}

private void commitWrite() throws IOException {
    if (!isCommitted) {
        isCommitted = true;

        commit();

        if (o == null)
            o = getOutputStream();
    }
}

/**
 * Get the adapted output stream.
 * <p>
 * This method MUST be overridden if the empty constructor is
protected OutputStream getOutputStream() throws IOException {
    throw new IllegalStateException();
}

protected abstract void commit() throws IOException;

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package com.sun.ws.rs.ext;

import com.sun.jersey.core.spi.factory.AbstractRuntimeDelegate;
import javax.ws.rs.core.Application;
import javax.ws.rs.ext.RuntimeDelegate;

/**
 * A default client-based and hardcoded implementation of
 * {@link RuntimeDelegate} that will be instantiated if all look up mechanisms
 * fail to find an instance.
 *<p>
 * A hardcoded reference to this class name occurs in the
 * {@link RuntimeDelegate} class present in the JAX-RS api jar.
 *
 * @author Paul.Sandoz@Sun.Com
 */
public class RuntimeDelegateImpl extends AbstractRuntimeDelegate {

    @Override
    public <T> T createEndpoint(Application application, Class<T> endpointType)
            throws IllegalArgumentException, UnsupportedOperationException {
        throw new UnsupportedOperationException();
    }
}

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* 
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nodemanager/src/main/native/container-executor/impl/compat/{fstatat|openat|unlinkat}.h:

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ember-cli-htmlbars v1.0.2
ember-cli-htmlbars-inline-precompile v0.3.1
ember-cli-ic-ajax v0.2.1
ember-cli-inject-live-reload v1.4.0
ember-cli-jquery-ui v0.0.20
ember-cli-qunit v1.2.1
ember-cli-release v0.2.8
ember-cli-shims v0.0.6
ember-cli-sri v1.2.1
ember-cli-test-loader v0.2.1
ember-cli-uglify v1.2.0
ember-d3 v0.1.0
ember-data v2.1.0
ember-disable-proxy-controllers v1.0.1
ember-export-application-global v1.0.5
ember-load-initializers v0.1.7
ember-qunit v0.4.16
ember-qunit-notifications v0.1.0
ember-resolver v2.0.3
ember-spin-spinner v0.2.3
ember-truth-helpers v1.2.0
jquery v2.1.4
jquery-ui v1.11.4
loader.js v3.3.0
momentjs v2.10.6
qunit v1.19.0
select2 v4.0.0
snippet-ss v1.11.0
spin.js v2.3.2
Azure Data Lake Store - Java client SDK 2.0.11
JCodings 1.0.8
Joni 2.1.2
Mockito 1.8.5
JUL to SLF4J bridge 1.7.25
SLF4J API Module 1.7.25
SLF4J LOG4J-12 Binding 1.7.25
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1.239 javax-persistence 2.0.5

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1.240 api-asn1-api 1.0.0

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import javax.servlet.jsp.tagext;

/**
 * Interface for defining Simple Tag Handlers.
 *
 * <p>Simple Tag Handlers differ from Classic Tag Handlers in that instead
 * of supporting <code>doStartTag()</code> and <code>doEndTag()</code>,
 * the <code>SimpleTag</code> interface provides a simple
 * <code>doTag()</code> method, which is called once and only once for any
 * given tag invocation. All tag logic, iteration, body evaluations, etc.
 * are to be performed in this single method. Thus, simple tag handlers
 * have the equivalent power of <code>BodyTag</code>, but with a much
 * simpler lifecycle and interface.</p>
 *
 * <p>To support body content, the <code>setJspBody()</code>
 * method is provided. The container invokes the <code>setJspBody()</code>
 * method with a <code>JspFragment</code> object encapsulating the body of
 * the tag. The tag handler implementation can call
 * <code>invoke()</code> on that fragment to evaluate the body as
 * many times as it needs.</p>
 *
 * <p>A SimpleTag handler must have a public no-args constructor. Most
 * SimpleTag handlers should extend SimpleTagSupport.</p>
 *
 * <p><b>Lifecycle</b></p>
 *
 * The following is a non-normative, brief overview of the
 * SimpleTag lifecycle. Refer to the JSP Specification for details.</p>
 *
 * <ol>
 *   <li>A new tag handler instance is created each time by the container
 *       by calling the provided zero-args constructor. Unlike classic
 *       tag handlers, simple tag handlers are never cached and reused by
 *       the JSP container.</li>
 *   <li>The <code>setJspContext()</code> and <code>setParent()</code>
 *       methods are called by the container. The <code>setParent()</code>
 *       method provides a convenient way to set the
 *   </li>
 * </ol>
* method is only called if the element is nested within another tag invocation.</li>
* The setters for each attribute defined for this tag are called by the container.</li>
* If a body exists, the <code>setJspBody()</code> method is called by the container to set the body of this tag, as a <code>JspFragment</code>. If the action element is empty in the page, this method is not called at all.</li>
* The <code>doTag()</code> method is called by the container. All tag logic, iteration, body evaluations, etc. occur in this method.</li>
* The <code>doTag()</code> method returns and all variables are synchronized.</li>
* </ol>

*/

@see SimpleTagSupport
@since 2.0

/**
 * Called by the container to invoke this tag.
 * The implementation of this method is provided by the tag library developer, and handles all tag processing, body iteration, etc.
 *
 * The JSP container will resynchronize any AT_BEGIN and AT_END variables (defined by the associated tag file, TagExtraInfo, or TLD) after the invocation of doTag().
 *
 * @throws javax.servlet.jsp.JspException If an error occurred while processing this tag.
 * @throws javax.servlet.jsp.SkipPageException If the page that (either directly or indirectly) invoked this tag is to cease evaluation. A Simple Tag Handler generated from a tag file must throw this exception if an invoked Classic Tag Handler returned SKIP_PAGE or if an invoked Simple Tag Handler threw SkipPageException or if an invoked Jsp Fragment threw a SkipPageException.
 * @throws java.io.IOException If there was an error writing to the output stream.
 */

public void doTag()
    throws javax.servlet.jsp.JspException, java.io.IOException;

/**
 * Sets the parent of this tag, for collaboration purposes.
 */

* @throws javax.servlet.jsp.SkipPageException If the page that
/**
 * The container invokes this method only if this tag invocation is
 * nested within another tag invocation.
 */

public void setParent( JspTag parent );

/**
 * Returns the parent of this tag, for collaboration purposes.
 */

public JspTag getParent();

/**
 * Called by the container to provide this tag handler with
 * the <code>JspContext</code> for this invocation.
 * An implementation should save this value.
 */

public void setJspContext( JspContext pc );

/**
 * Provides the body of this tag as a JspFragment object, able to be
 * invoked zero or more times by the tag handler.
 *<p>
 * This method is invoked by the JSP page implementation
 * object prior to <code>doTag()</code>. If the action element is
 * empty in the page, this method is not called at all.
 */

public void setJspBody( JspFragment jspBody );

*/
}
package javax.servlet.jsp.tagext;

import javax.servlet.jsp.JspContext;
import javax.servlet.jsp.JspException;
import java.io.IOException;

/**
 * A base class for defining tag handlers implementing SimpleTag.
 * <p>
 * The SimpleTagSupport class is a utility class intended to be used
 * as the base class for new simple tag handlers. The SimpleTagSupport
 * class implements the SimpleTag interface and adds additional
 * convenience methods including getter methods for the properties in
 * SimpleTag.
 * 
 * @since 2.0
 */
public class SimpleTagSupport
        implements SimpleTag {

    /** Reference to the enclosing tag. */
    private JspTag parentTag;

    /** The JSP context for the upcoming tag invocation. */
    private JspContext jspContext;

    /** The body of the tag. */
    private JspFragment jspBody;

    /**
     * Sole constructor. (For invocation by subclass constructors,
     * typically implicit.)
     */
    public SimpleTagSupport() {

}}
/**
 * Default processing of the tag does nothing.
 * @throws JspException Subclasses can throw JspException to indicate
 *     an error occurred while processing this tag.
 * @throws javax.servlet.jsp.SkipPageException If the page that
 *     (either directly or indirectly) invoked this tag is to
 *     cease evaluation. A Simple Tag Handler generated from a
 *     tag file must throw this exception if an invoked Classic
 *     Tag Handler returned SKIP_PAGE or if an invoked Simple
 *     Tag Handler threw SkipPageException or if an invoked Jsp Fragment
 *     threw a SkipPageException.
 * @throws IOException Subclasses can throw IOException if there was
 *     an error writing to the output stream
 * @see SimpleTag#doTag()
 */
public void doTag()
    throws JspException, IOException
{
}

/**
 * Sets the parent of this tag, for collaboration purposes.
 * <p>
 * The container invokes this method only if this tag invocation is
 * nested within another tag invocation.
 *
 * @param parent the tag that encloses this tag
 */
public void setParent( JspTag parent ) {
    this.parentTag = parent;
}

/**
 * Returns the parent of this tag, for collaboration purposes.
 *
 * @return the parent of this tag
 */
public JspTag getParent() {
    return this.parentTag;
}

/**
 * Stores the provided JSP context in the private jspContext field.
 * Subclasses can access the <code>JspContext</code> via
 * <code>getJspContext()</code>.
 */

public void setJspContext( JspContext pc ) {
    this.jspContext = pc;
}

protected JspContext getJspContext() {
    return this.jspContext;
}

public void setJspBody( JspFragment jspBody ) {
    this.jspBody = jspBody;
}

protected JspFragment getJspBody() {
    return this.jspBody;
}
encountered while traversing the ancestors, the tag handler returned by
<tt>TagAdapter.getAdaptee()</tt> - instead of the TagAdapter itself -
is compared to <tt>klass</tt>. If the tag handler matches, it - and
not its TagAdapter - is returned.

The current version of the specification only provides one formal
way of indicating the observable type of a tag handler: its
tag handler implementation class, described in the tag-class
subelement of the tag element. This is extended in an
informal manner by allowing the tag library author to
indicate in the description subelement an observable type.
The type should be a subtype of the tag handler implementation
class or void.
This additional constraint can be exploited by a
specialized container that knows about that specific tag library,
as in the case of the JSP standard tag library.

When a tag library author provides information on the
observable type of a tag handler, client programmatic code
should adhere to that constraint. Specifically, the Class
passed to findAncestorWithClass should be a subtype of the
observable type.

@param from The instance from where to start looking.
@param klass The subclass of JspTag or interface to be matched
@return the nearest ancestor that implements the interface
or is an instance of the class specified

public static final JspTag findAncestorWithClass(
JspTag from, Class klass)
{
    boolean isInterface = false;

    if (from == null || klass == null
        || (!JspTag.class.isAssignableFrom(klass)
            && !isInterface = klass.isInterface()))
    {
        return null;
    }

    for (;;)
    {
        JspTag parent = null;
        if (from instanceof SimpleTag)
        {
            parent = ((SimpleTag)from).getParent();
        }
        else if (from instanceof Tag)
        {

```java

```
parent = ((Tag)from).getParent();
    }
    if (parent == null) {
        return null;
    }

    if (parent instanceof TagAdapter) {
        parent = ((TagAdapter) parent).getAdaptee();
    }

    if ((isInterface && klass.isInstance(parent))
        || klass.isAssignableFrom(parent.getClass())) {
        return parent;
    }

    from = parent;
} }

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* java.sun.security.ssl

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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1.261 jopt-simple 5.0.3

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1.264 jakarta-websocket-client-api 1.1.1

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 */

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1.281 batik-util 1.10

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The primary ANTLR guy:

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1.284 snappy-java 1.1.7.2

1.285 kerb-common 1.1.0

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1.299 antlr 3.4

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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https://glassfish.dev.java.net/nonav/public/CDDL/GPLv2.html

org.eclipse.jetty.toolchain:jetty-schemas

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*
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For hadoop-common-project/hadoop-common/src/main/native/gtest

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hadoop-hdfs-project/hadoop-hdfs/src/main/webapps/static/jquery.dataTables.min.js
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hadoop-tools/hadoop-sls/src/main/html/css/bootstrap-responsive.min.css
bootstrap v3.3.6
broccoli-asset-rev v2.4.2
broccoli-funnel v1.0.1
datatables v1.10.8
datatables v1.10.8
em-helpers v0.5.13
datatables v1.10.8
datatables v1.10.8
em-table v0.1.6
datatables v1.10.8
datatables v1.10.8
ember v2.2.0
datatables v1.10.8
datatables v1.10.8
ember-array-contains-helper v1.0.2
datatables v1.10.8
datatables v1.10.8
ember-bootstrap v0.5.1
datatables v1.10.8
datatables v1.10.8
ember-cli v1.13.13
datatables v1.10.8
datatables v1.10.8
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spin.js v2.3.2
Azure Data Lake Store - Java client SDK 2.0.11
JCodings 1.0.8
Joni 2.1.2
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hadoop-tools/hadoop-sls/src/main/html/js/thirdparty/jquery.js
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gamon-runtime 2.4.1

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1.315 jctools-core 3.0.0

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 * This exception is thrown by the rollback operation on a resource to
 * report that a heuristic decision was made and that all relevant updates
 * have been committed.
 */
public class HeuristicCommitException extends java.lang.Exception
{
    public HeuristicCommitException()
    {
        super();
    }

    public HeuristicCommitException(String msg)
    {
        super(msg);
    }
}

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1.348 jsp-api 2.3.1

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1.369 websocket-api 9.4.0.v20161208

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1.377 hadoop-yarn-api 2.6.0

1.378 qdox 1.12

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1.380 twill-discovery-api 0.6.0

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/**
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 * Only a limited set of permissions are available, each one is available as a public static
 * variable in this class of the form PERMISSION_XYZ.
 *
 * @author James Murty
 */

public class Permission {

    public static final Permission PERMISSION_FULL_CONTROL = new Permission("FULL_CONTROL");
    public static final Permission PERMISSION_READ = new Permission("READ");
    public static final Permission PERMISSION_WRITE = new Permission("WRITE");
    public static final Permission PERMISSION_READ_ACP = new Permission("READ_ACP");
    public static final Permission PERMISSION_WRITE_ACP = new Permission("WRITE_ACP");

    private String permissionString = ";

    private Permission(String permissionString) {
        this.permissionString = permissionString;
    }

    /**
     * @param str
     * a string representation of a permission, eg <tt>FULL_CONTROL</tt>
     * @return
     * the Permission object represented by the given permission string
     */
    public static Permission parsePermission(String str) {
        Permission permission = null;
        if (str == null) {
            // Do nothing
        } else if (str.equals(PERMISSION_FULL_CONTROL.toString())) {
            permission = PERMISSION_FULL_CONTROL;
        } else if (str.equals(PERMISSION_READ.toString())) {
            permission = PERMISSION_READ;
        } else if (str.equals(PERMISSION_WRITE.toString())) {
            permission = PERMISSION_WRITE;
        } else if (str.equals(PERMISSION_READ_ACP.toString())) {
            permission = PERMISSION_READ_ACP;
        } else if (str.equals(PERMISSION_WRITE_ACP.toString())) {
            permission = PERMISSION_WRITE_ACP;
        }
        return permission;
    }

}
permission = PERMISSION_READ_ACP;
} else if (str.equals(PERMISSION_WRITE_ACP.toString())) {
    permission = PERMISSION_WRITE_ACP;
} else {
    permission = null;
}
return permission;

/**
 * @return
 * the string representation of a permission object, eg <tt>FULL_CONTROL</tt>
 */
public String toString() {
    return permissionString;
}

public int hashCode() {
    return permissionString.hashCode();
}

public boolean equals(Object obj) {
    return (obj instanceof Permission) && toString().equals(obj.toString());
}

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1.387 jsr305 3.0.2

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- Layout tests, located in test/mjsunit/third_party/object-keys. These are based on layout tests from webkit.org which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files assembler-arm-inl.h, assembler-arm.cc, assembler-arm.h, assembler-ia32-inl.h, assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h, assembler-x64.cc, assembler-x64.h, assembler-mips-inl.h, assembler-mips.cc, assembler-mips.h, assembler.cc and assembler.h. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.
- Valgrind client API header, located at src/third_party/valgrind/valgrind.h
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.481 hadoop-yarn-server-resourcemanager

3.0.0

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 * Abstract: The main routine
 * --*/

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For hadoop-common-project/hadoop-common/src/main/native/gtest

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For hadoop-hdfs-project/hadoop-hdfs-native-client/src/main/native/fuse-dfs/util/tree.h

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For hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/native/container-executor/impl/compat/{fstatat|openat|unlinkat}.h:

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hadoop-tools/hadoop-sls/src/main/html/css/bootstrap.min.css
hadoop-tools/hadoop-sls/src/main/html/css/bootstrap-responsive.min.css
bootstrap v3.3.6
broccoli-asset-rev v2.4.2
broccoli-funnel v1.0.1
datatables v1.10.8
em-helpers v0.5.13
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ember v2.2.0
ember-array-contains-helper v1.0.2
ember-bootstrap v0.5.1
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1.496 commonj-sdo 2.1.1

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Revision level 1.2, last updated on 2009/01/13
Changed the URL of the Artifacts.
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1.500 hadoop-mapreduce-client-jobclient

3.0.0

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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ASM: a very small and fast Java bytecode manipulation framework

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

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

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

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

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Oracle OpenJDK

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

* java.sun.security.ssl

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

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.571 asm-tree 3.1

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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.
</p>
<p>
The following people and organisations donated financially to help with the release of 1.56:
<br />
DidiSoft, Cotiviti, Atanas Krachev, Encryptomatic LLC, LogicalAnswersIncSupporter
</p>
<p>
The following people and organisations donated financially to help with the release of 1.55:
<br />
Digistamp, RAM NAG
</p>
</body>
</html>
The following people and organisations donated financially to help with the release of 1.54:

Lobster GmbH

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

Sheba, Ishmal Bartley, and Li-Chang Johnny Lo

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

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

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

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.

Organisations

- 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!


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

- 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.

- 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: <a href="http://www.flexiprovider.de">http://www.flexiprovider.de</a>

- 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><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 cryptosource GmbH and media Transfer AG 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>

<p>People</p>

<ul>
<li>Tito Pena &lt;Fortunato.Pena@AdNovum.CH&gt; - initial RC5 implementation</li>
<li>Michael Lee &lt;yf@mir.mira.net&gt; - initial RC6 implementation, MD2 implementation</li>
<li>Nuno Santos &lt;nsantos@student.dei.uc.pt&gt; - finding toString bug in certificate object</li>
<li>Brett Sealey &lt;bretts@mortbay.com&gt; - fixing the missing return problem in JDKKeyFactory (affected SSLeay private keys)</li>
<li>Victor A. Salaman &lt;salaman@teknos.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;eran@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@LearningPatterns.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment</li>
<li>Markus Niedermann &lt;markus.niedermann@softwired-inc.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment</li>
<li>Mike Benham &lt;moxie@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@mail.tele.dk&gt; - initial implementation of netscape certificate request classes</li>
<li>Uwe Guenther &lt;uwe@cscc.de&gt; - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes</li>
<li>Markus Bradtke &lt;mab@informatik.uni-kiel.de&gt; - fixing of a logic error in the JDKKeyStore class</li>
<li>Waclaw Sierek &lt;wacław.sieręk@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@init-consulting.de&gt; - assistance in the addition of ISO 9796-1 padding</li>
<li>Stefan K&ouml;nsell &lt;sk13@tel.dresden.de&gt; - making the jdk 1.1 version of the collections API available. For further details see</li>
</ul>
<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;tomasl#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 classes. Initial implementation of the CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent ClassCastException.</li>
<li>Eugen Kulesskow &lt;euxx#064;hotmail.com&gt; - optimisations for Blowfish, assistance with PKCS12/keytool interoperability.</li>
<li>Megan Woods &lt;meganwoods#064;sekurafile.com&gt; - initial implementation of ECIES.</li>
<li>Christian Geuer-Pollmann &lt;geuerp#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&gt; - 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&gt; - fixing the parsing of the empty DER set in the ASN.1 library.</li>
<li>Eike Recker &lt;eike.recker#064;gmx.de&gt; - fixing misspelling of provider reference for RSA/1 and RSA/2.</li>
<li>Chris Southern &lt;CSouthern#064;baltimore.com&gt; - fixing misuse of specified provider in the PKCS10 certification request class.</li>
<li>Sidney Markowitz &lt;sidney#064;sidney.com&gt; - 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&gt; - 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&gt; - fixing the fall through bug in the IV algorithm parameters class.</li>
<li>Martin Petraschek &lt;e9526225#064;student.tuwien.ac.at&gt; - fixing ASN1 tagging so tag values up to 30 are now supported.</li>
<li>Jess Garms &lt;jgarms#064;yahoo.com&gt; - fixing 112/168 key size bug for DESede key generation.</li>
<li>Mike Bremford &lt;mbert#064;big.faceless.org&gt; - contributing the initial PKCS7 implementation.</li>
<li>Shankar Srinivasan &lt;ssr002#064;yahoo.com&gt; - S/Mime interoperability testing and debugging.</li>
<li>Stef Hoeben &lt;ilsestef#064;skynet.be&gt; - adding Montgomery multiplication to the BigInteger class.</li>
<li>Klaudiusz Ciosk &lt;kciosk#064;max.com.pl&gt; - improving the compatibility of the SMIME package with the Sun JCE.</li>
<li>Thomas Houtekier &lt;Thomas.Houtekier#064;tectrade.net&gt; - S/Mime testing and debugging. Interoperability with Biztalk.</li>
<li>Don Hillsberry &lt;hillsber#064;dialcorp.com&gt; - S/Mime testing and debugging.</li>
<li>Kazu Furuya &lt;kfuruya#064;infoteria.co.jp&gt; - fixing root certificate chaining bug in PKCS12 key store.
<li>Jason Novotny &lt;jdnovotny@lbl.gov&gt; - initial work on the openSSL PEM processing.</li>
<li>Joel Hockey &lt;joel.hockey@qsipayments.com&gt; - initial work on the openSSL PEM processing.</li>
<li>John Steenbruggen &lt;JohnS@geotrust.com&gt; - fixing CertificationRequestInfo to handle cert request info objects without attribute blocks.</li>
<li>Justin Chapweske &lt;justin@chapweske.com&gt; - ordering patch for Tiger message digest.</li>
<li>John Serock &lt;jserock@hotmai.com&gt; - 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@cit.de&gt; - fixed SMIME saveChanges() bug.</li>
<li>Andre Wehnert &lt;aw@64;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@nue.et-inf.uni-siegen.de&gt; - adding SIC mode to the blockciphers in the provider.</li>
<li>Tim Sakach &lt;tsakach@certivo.net&gt; - SMIME v2 compatibility patches.</li>
<li>Marcus Povey &lt;mpovey@brookes.ac.uk&gt; - adding the PGP mode to the lightweight API and the provider.</li>
<li>Sebastian Clau&szlig; &lt;sc2@inf.tu-dresden.de&gt; - adding randomness setting to the certificate and CRL generators.</li>
<li>Nicolas Bielza &lt;nicolas.bielza@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;rdsio@64;metastatic.org&gt; - fixing the clone problem with Macs in the clean room JCE.</li>
<li>Rick Zeldes &lt;rick.zeldes@64;eds.com&gt; - initial code for CMS/SMIME CompressedData.</li>
<li>Jarek Gawor &lt;gawor@64;mcs.anl.gov&gt; - fixing ASN.1 sequence unpacking in BasicConstraints constructor.</li>
<li>Brett Neumeier &lt;random@64;rnd.cx&gt; - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.</li>
<li>Graham Coles &lt;graham.coles@64;retail-logic.com&gt; - patch to isParityAdjusted in DESKeySpec.</li>
<li>J&ouml;rn von Kattch&eacute;e &lt;J.Kattchee@64;seeburger.de&gt; - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.</li>
<li>Matteo Artuso &lt;maturtuso@64;libero.it&gt; - picking up the possible overread in ASN1InputStream.</li>
<li>Julian Morrison &lt;julian@64;extropy.demon.co.uk&gt; - spotting the slow down in Diffie-Hellman key generation.</li>
<li>Elmar Sonnenschein &lt;eso@64;esomail.de&gt; - fix to long conversion in clean room SecureRandom.</li>
<li>J&ouml;rn Schwarze &lt;JSchwarze@64;auc.de&gt; - Locale fix for the clean room JCE.</li>
<li>Bryan Lovquist &lt;bkl@64;cps.com.au&gt; - Other provider compatibility fixes for CMS signing.</li>
<li>Artem Portnoy &lt;Artem_Portnoy@ibi.com&gt; - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.</li>
<li>Michael H&auml;usler &lt;haeusler@64;ponton-consulting.de&gt; - missing OID update for SHA1 with RSA Signature.</li>
<li>Johan Seland &lt;johans@64;netfonds.no&gt; - general toString for BigInteger class.</li>
<li>Johannes Nicoli &lt;johannes.nicoli@64;novosec.com&gt; - further enhancements to OCSP response generation, fix to CertificateID issuer.</li>
<li>Marc Doberva &lt;marc.doberva@64;ilex-si.com&gt; - help in isolating the JSSE/BC RSA key issue.</li>
<li>Jan Dvorak &lt;jan.dvorak@64;mathan.cz&gt; - initial implementation of the light weight Null block cipher.</li>
<li>Joe Cohen &lt;jeohen@64;forumsys.com&gt; - converting the ArrayOutOfBoundsException in

Open Source Used In CKC - Time Series Data Engine 1.1.0.103340
DERInputStream into what it should have been.<li>
<li>Chris Long &lt;aclong@ece.cmu.edu&gt; - adding public key decoding to PEMReader.</li>
<li>Hes Siemelink &lt;hes@064izecom.com&gt; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.</li>
<li>Stefan Piu &lt;stefanpiuuro@064yahoo.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@064logicacmg.com&gt; - patch to fix defect in DERBMPString.equals().</li>
<li>Justin Kolb &lt;jkolb@064prodix.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@064gmx.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@064transacttools.net&gt; - getNextUpdate patch for OCSP SingleResp.</li>
<li>Klaus Greve Fiorentini &lt;Klaus@064cqed.com.br&gt; - array fix in PGP PublicKeyEncSessionPacket.</li>
<li>Olivier Refalo &lt;Olivier_Refalo@064fpl.com&gt; - null pointer exception fix for JDK 1.3 CMSSignedData objects.</li>
<li>Mariusz Bandola &lt;mariusz.bandola@064cryptotech.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@064transacttools.net&gt; - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUit.</li>
<li>Ian Haywood &lt;ian@064haywood.bpa.nu&gt; - addition of getSignatureType to PGPSignature.</li>
<li>Jonathan Edwards &lt;s34gull@064mac.com&gt; - initial support for reading multiple rings from a PGP key file.</li>
<li>Andrew Thornton &lt;andrew@064cared.cam.ac.uk&gt; - patch for RSA PUBLIC KEY in PEMReader.</li>
<li>Gregor Leander &lt;gl@064bos-bremen.de&gt; - initial parsing of multiple sequence entries in an X.500 Name.</li>
<li>Antoon Bosselaers &lt;Antoon.Bosselaers@064esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.</li>
<li>Peter Sylvester &lt;Peter.Sylvester@064edelweb.fr&gt; - improvements to the ASN.1 BasicConstraints object.</li>
<li>Doug &lt;ummmmm@064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.</li>
<li>Francois Staes &lt;fstaes@064netconsult.be&gt; - improvements to DEBitString, DERGeneralizedTime and initial implementation of DERGeneralizedString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement, patch to DERGeneralizedTime.</li>
<li>Antoon Bosselaers &lt;Antoon.Bosselaers@064esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.</li>
<li>Doug &lt;ummmmm@064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.</li>
<li>Francois Staes &lt;fstaes@064netconsult.be&gt; - improvements to DEBitString, DERGeneralizedTime and initial implementation of DERGeneralizedString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement, patch to DERGeneralizedTime.</li>
<li>W.R. Dittmer &lt;wdittmer@064cs.vu.nl&gt; - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKKeyPair to fix nullpointer exception.</li>
<li>Perez Paz Luis Alberto &lt;laperez@064banxico.org.mx&gt; - patch to use of BitString in X.500 name.</li>
<li>James Wright &lt;James.Wright@064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.</li>
<li>Jim Ford &lt;jim@064muirford.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;hauessler@064ponton-consulting.de&gt; - extra aliases for provider.</li>
<li>Sai Pullabhotla &lt;psai@064linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.
<li>Joseph Miller &lt;joseph&#064digiweb.net.nz&gt; - addition of ZeroBytePadding.</li>
<li>Lars &lt;xyz&#064sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.</li>
<li>Jeroen van Vianen &lt;jeroen&#064vanvianen.nl&gt; - the Signed and Encrypted mail example.</li>
<li>Jun Sun &lt;jJun&#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 overead issue in BCPGInputStream.</li>
<li>Alpesh Parmar &lt;alps&#064064linuxmail.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 PKCSS2ParametersGenerator.</li>
<li>Tom Cargill &lt;cargill&#064profcon.com&gt; - spelling patch in provider.</li>
<li>Breitenstrom Christian &lt;C.Breitenstrom&#064systems.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 Scendoni &lt;nscendoni&#064064babelps.it&gt; - patch to add sorting to CertPath validation.</li>
<li>Ville Skytt&auml; &lt;ville.skytt&auml;ki.fi&gt; - patch to CRLDistPoint for rLIssuer 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&#064064evintia.com&gt; - initial TSP implementation.</li>
<li>Carlos Lozano &lt;carlos&#064064evintia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.</li>
<li>Javier Delgadillo &lt;javi&#064javicodewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.</li>
<li>Joni Hahkala &lt;joni.hahkala&#064crlissuer.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the &lt;a href="http://www.eu-egee.org">EGEE project</a> for making the work available.</li>
<li>Rolf Schillinger &lt;rolf&#064wum.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 (GOBF) and GOST-3411.</li>
<li>Frack Leroy &lt;frack. Leroy&#064keynectis.com&gt; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher’s forgery attack.</li>
<li>Ashuhiyo Yamakata &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 &lt;D.Eisner@seeburger.de&gt; - initial implementation of ISO 7816-4 padding.
- Julien Pasquier &lt;julienpasquier@free.fr&gt; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.
- Matteo &lt;matartuso@andlibero.it&gt; - sequence path to ASN1Dump.
- Andrew Paterson &lt;andrew.paterson@64burnsec.com&gt; - patches to PGP tools, isRevoked method on PGPPublicKey.
- Vladimir Molotkov &lt;vladimir.n.molotkov@64intel.com&gt; - extensive provider exception handling compliance testing.
- Florin Kollan &lt;adlocflo@64web.de&gt; - fix to ElGamalKeyParameters equality testing.
- Pavel Vasiliev &lt;paulvas@64gmail.com&gt; - Initial GOST28147Mac implementation.
- Tom Pesman &lt;tom@64tnux.net&gt; - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
- Lukasz Kowalczyk &lt;lukasz.b.kowalczyk@64gmail.com&gt; - fix to fix parsing issue with OpenSSL PEM based certificate requests.
- Arndt Hasch &lt;Arndt.Hasch@maxence.de&gt; - additional fix for partial reading with new style PGP packets.
- Fix Bernd (KCDP 11) &lt;bernd.fix@credit-suisse.com&gt; - fix for 31 byte issue and exception throwing by Whirlpool.
- David M. Lee &lt;dmlee@crossroads.com&gt; - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
- Mike Dillon &lt;md5@embodys.org&gt; - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.
- tu-vi cung &lt;tcung@64hotmail.com&gt; - patch for out of bounds problem in getDecoderStream method.
- Chris Schultz &lt;cschultz@64gmail.com&gt; - fix for InputStream constructor for X509V2AttributeCertificate.
- David M. Lee &lt;dmlee@crossroads.com&gt; - implementation assistance with streaming CMS classes.
- Joel Rees &lt;rees@64ddcom.co.jp&gt; - fix to correct getOID methods from returning same set on X.509 attribute certificates.
- Francesc Sau &lt;francesc.sau@64partners.netfocus.es&gt; - micro fix for tsp Accuracy class.
- Larry Bugbee &lt;bugbee@64mac.com&gt; - initial ECNR implementation.
- Remi Blancher &lt;Remi.Blancher@keynectis.com&gt; - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
- Brian ORourke &lt;Brianorourke@64gmail.com&gt; - patch for signature creation time override in OpenPGP.
- Andreas Schwier &lt;andreas.schwier@64cardcontact.de&gt; - 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 &lt;david.josse@transacttools.net&gt; - Patch for trailer function in version 2 signature packets.
- Kishimoto Kazuhiko &lt;kazu-k@64hi-ho.ne.jp&gt; - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
- Lawrence Tan &lt;lwrmctan@64gmail.com&gt; - Large field OID sample test data. Missing key types in
Carlos Valiente &lt;superdupont&#064gmail.com&gt; - Addition of CRL writing to the PEMWriter class.

Keyon AG, Martin Christinat, &lt;a href="http://www.keyon.ch"&gt;http://www.keyon.ch&lt;/a&gt; - fixing incorrect ASN.1 encoding of field elements in X9FieldEElement class.

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.

J&amp;ouml;r&amp;ouml;rg Eichhorn &lt;j&amp;ouml;r&amp;ouml;rg.eichhorn&amp;#064ponton-consulting.de&gt; - patch to fix EOF read on SharedFileInputStream, support for F2m compression.

Karsten Ohme &lt;widerrstand&amp;#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.

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 implicitDSA 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.

Carlos Lozano Ruiz &lt;carlos&amp;#064tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.

John Alfred Prufrock &lt;j.a.prufrock&amp;#064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guilhen &lt;sneusatz&amp;#064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice &lt;marzio.logiudice&amp;#064gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold &lt;georg.lippold&amp;#064gmx.de&gt; - initial implementation of NaccacheStern cipher.

Chris Viles &lt;chris.viles&amp;#064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.

Pasi Eronen &lt;Pasi.Eronen&amp;#064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.


Maria Ivanova &lt;maria.ivanova&amp;#064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.

Armin Hauml;berling &lt;arminha&amp;#064student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder &lt;mschilder&amp;#064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vourch &lt;xavier&amp;#064brittanysoftware.com&gt; - general code clean ups.

Erik Tews &lt;e_tews&amp;#064darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding.

Thomas Dixon &lt;reikomusha&amp;#064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC,
and Noekeon. XTEA enhancements.<li>
Frank Cornelis &lt;info@#064frankcornelis.be&gt; - addition of crlAccessMethod in
X509ObjectIdentifiers. </li>
Rui Joaquim &lt;rjoaquim@#064cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures. </li>
David Stacey &lt;DStacey@#064allantgroup.com&gt; - addition of trust packet checking on revocation
signatures in PGPSecretKeyRing.</li>
Martijn Brinkers &lt;list@#064nimtm.nl&gt; - better exception handling in CMS enveloping, "just in time"
modifications for CRL and Sequence evaluation.</li>
Julius Davies &lt;juliusdavies@#064gmail.com&gt; - additional modes and algorithm support in
PEMReader</li>
Matthias &lt;g@#064rtner.de&gt; - GnuPG compatibility changes for PBEFileProcessor.</li>
Olga K&uuml;therler &lt;olga.kaethler@#064hp-consulting.com&gt; - initial implementation of TeleTrusT EC
curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.</li>
Deuano Rizzo &lt;deuano.rizzo@#064gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and
HC-256, optimisations for Salsa20.</li>
N&amp;ucute;lia Mar&amp;iacute; &lt;numaa@#064hotmail.com&gt; - patch for alternate data type recognition in
CMSSignedDataParser.</li>
Janis Schuller &lt;js@#064tzi.de&gt; - addition of NotationData packets for OpenPGP.</li>
Michael Samblanet &lt;mike@#064samblanet.com&gt; - patches towards improved Sun/default provider
support in CMS.</li>
Mike StJohns &lt;mstjohns@#064comcast.net&gt; - patches for supporting empty subject in X.509 certificate
generation, noneWithECDSA, updates to KeyPurposeId.</li>
Ramon Keller &lt;ramon.keller@#064gmx.ch&gt; - patch to deal with null revocations return from other CRL
in X509V2CRLGenerator.</li>
Mark Nelson &lt;mark@#064nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX
processing.</li>
Eugene Golushkov &lt;eugene_gff@#064ukr.net&gt; - mask fix to single byte read in TlsInputSteam.</li>
Julien Pasquier &lt;julienpasquier@#064free.fr&gt; - additional classes for supporting signature policy and
signer certificates in the ASN.1 esf and ess libraries.</li>
Peter Knopp &lt;tpknopp@#064mstg.de&gt; - fix for named curve recognition in ECGOST key generation.</li>
Jakub Gwozdz &lt;gwozdziu@#064rpg.pl&gt; - addition of getTsa() to TimeStampTokenInfo.</li>
Bartosz Malkowski &lt;bmalkow@#064tigase.org&gt; - initial implementation of VMPC cipher,
VMPCRandomGenerator, VMPCMac.</li>
Tal Yacobi &lt;tal.yacobi@#064octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55].</li>
Massimiliano Ziccardi &lt;massimiliano.ziccardi@#064gmail.com&gt; - support for counter signature reading
in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in
CertificateFactory.</li>
Andrey Pavlenko &lt;andrey.a.pavlenko@#064gmail.com&gt; - security manager patch for PKCS1Encoding
property check.</li>
J Ross Nicoll &lt;jrn@#064jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1
library.</li>
Matthew Stevenson &lt;mavrickenz@#064yahoo.com&gt; - patch to construtor for CRMF CertSequence.</li>
Gabriele Contini &lt;gcontini@#064hotpop.com&gt; - identified a bug in ASN.1 library with handling of
unterminated NDEF's.</li>
Roelof Naude &lt;roelof.naude@#064epiuse.com&gt; - patch for TLS client to send empty client certs in
response to HP_CERTIFICATE_REQUEST.</li>
Patrick Peck &lt;peck@#064signature.at&gt; - identified problem with DERApplicationSpecific and high tag
numbers in ASN.1 library.
<li>Michael LeMay &lt;lemaymd@064lemaymd.com&gt; - identified problem with EAX [#BJA-93].</li>
<li>Alex Dupre &lt;ale@064FreeBSD.org&gt; - 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&gt; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().</li>
<li>Ion Larrañaga &lt;ilarra@064s21sec.com&gt; - fix to default partial packet generation in BCPGOutputStream.</li>
<li>Bob Kerns &lt;bob.kerns@064positscience.com&gt; - fix to hashCode for X509CertificateObject.</li>
<li>Stefan Meyer &lt;stefan.meyer@064ewe.de&gt; - backport for PKIXCertPathValidator and SMIMESignedMailReviewer.</li>
<li>Robert J. Moore &lt;Robert.J.Moore@064allanbank.com&gt; - speedups for OpenPGPCFB mode, clean room JCE patches.</li>
<li>Rui Hodai &lt;rui@064po.ntts.co.jp&gt; - speed ups for Camellia implementation, CamelliaLightEngine.</li>
<li>Emir Bucalovic &lt;emir.bucalovic@064mail.com&gt; - initial implementation of Grain-v1 and Grain-128.</li>
<li>Torbjorn Svensson &lt;tobbie79@064mail.com&gt; - initial implementation of Grain-v1 and Grain-128.</li>
<li>Paul FitzPatrick &lt;bcpcastle@pfitz@064fitzpatrick.cc&gt; - error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>
<li>Henrik Andersson &lt;k.henrik.andersson@064gmail.com&gt; - addition of UniquelIssuerID to certificate generation.</li>
<li>Cagdas Cirit &lt;cagdas3cirit@064gmail.com&gt; - subjectAlternativeName fix for x.509CertStoreSelector.</li>
<li>Harakiri &lt;harakiri_23@064yahoo.com&gt; - datahandler patch for attached parts in SMIME signatures.</li>
<li>Pedro Henriques &lt;pmahenriques@064gmail.com&gt; - explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.</li>
<li>Lothar Kimmeringer &lt;job@064kimmeringer.de&gt; - verbose mode for ASN1Dump, support for DERExternal, DNS performance fix for SMIME AP.</li>
<li>Richard Farr &lt;r.farr.se@064gmail.com&gt; - initial SRP-6a implementation.</li>
<li>Thomas Castiglione &lt;castiglione@064au.ibm.com&gt; - patch to encoding for CRMF OptionalValidity.</li>
<li>Elisabetta Romani &lt;eromani@064sogei.it&gt; - patch for recognising multiple counter signatures.</li>
<li>Robin Lundgren &lt;r737lundgren@064gmail.com&gt; - CMPCertificate constructor from X509CertificateStructure fix.</li>
<li>Petr Kadlec &lt;mormegil@064centrum.cz&gt; - fix to sign extension key and IV problem in HC-128, HC-256.</li>
<li>Andreas Antener &lt;antener_a@064gmx.ch&gt; - fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
<li>Harendra Rawat &lt;hsrawat@064yahoo.com&gt; - fix for BERConstructedOctetString.</li>
<li>Rolf Lindemann &lt;rlindemann@064trustcenter.de&gt; - patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].</li>
<li>Alex Artamonov &lt;alexart.home@064gmail.com&gt; - name look up patch for GOST-2001 parameters.</li>
<li>Mike Lyons &lt;mlyons@064layer7tech.com&gt; - work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
<li>Chris Cole &lt;chris_hcole@064yahoo.com&gt; - identified a problem handling null passwords when loading a BKS keystore.</li>
<li>Tomas Krivanek &lt;tom@064attack.cz&gt; - added checking of Sender header to SignedMailValidator.</li>
<li>Michael &lt;emfau@064t-online.de&gt; - correction of field error in getResponse method in CertRepMessage.</li>
<li>Trevor Perrin &lt;trevor@064cryptography.com&gt; - addition of constant time equals to avoid possible timing attacks.</li>
Markus Kilängsuga &lt;markus@064primekey.se&gt; several enhancements to TimeStampResponseGenerator.

Dario Novakovic &lt;darionis@064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.

Michael Smith &lt;mssmith@064cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.

Andrea Zilio &lt;andrea.zilio@064gmail.com&gt; fix for PEM password encryption of private keys.

Alex Birkett &lt;alex@064birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant &lt;waynedgrant@064gmail.com&gt; additional OIDs for PCKS10 and certificate generation support.

Frank Cornelis &lt;info@064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner &lt;jan@064dittberner.info&gt; addHeader patch for SMIME generator.

Bob McGowan &lt;boab.mcgoo@064btinternet.com&gt; patch to support different object and mgf digests in PSS signing.

Ivo Matheiss &lt;i.matheiss@064seeburger.de&gt; fix to padding verification in ISO-9796-1.

Marco Sandrini &lt;ndessche@064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.

Alf Malf &lt;alfilmalf@064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa &lt;alfonso.massa@064insiel.it&gt; contributions to CMS time stamp classes.

Giacomo Boccardo &lt;gboccardo@064unimaticaspa.it&gt; initial work on CMSTimeStampedDataParser.

Arnis Tartu &lt;arnis@064ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.

Janusz Sikociński &lt;J.Sikocinski@064gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.

Juri Hudolejev &lt;jhudolejev@064gmail.com&gt; JavaDoc fix to CMSSignedDataParser.

Liane Velten &lt;liane.velten@064hjp-consulting.com&gt; fine tuning of code for DHParameters validation.

Shawn Willden &lt;swillden@064google.com&gt; additional functionality to PGPKeyRing.

Atanas Krachev &lt;akrachev@064gmail.com&gt; added support for revocation signatures in OpenPGP.

Mickael Laiking &lt;mickael.laiking@064keynectis.com&gt; initial cut of EAC classes.

Tim Buktu &lt;tbuktu@064hotmail.com&gt; Initial implementation of NTRU signing and encryption.

Bernd &lt;trbernd@064gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morisbak &lt;stein.inge.morisbak@064BEKK.no&gt; Test code for lower case Hex data in PEM headers.

Andreas Schmid &lt;andreas.schmid@064tngtech.com&gt; Additional expiry time check in PGPPublicKeys.

Phil Steitz &lt;phil.steitz@064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes.

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

Petar Petrov &lt;tpetrov@064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.

Daniel Fitzpatrick &lt;danield.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.

Andy Neilson &lt;Andy.Neilson@064quest.com&gt;a further patches to deal with multiple providers and PEMReader.
Ted Shaw &lt;xiao.xj#064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests. 

Eleriseth &lt;Eleriseth#064WPECGLtYbVi8RI6Y7Vz1Lvd2EUVW99v3yNV3JWROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.

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

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

Philip Clay &lt;phil_b#064gyahoo.com&gt; Initial implementation of J-PAKE.

BrianCarlstrom &lt;bdc#064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.

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

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

Tim Whittington &lt;Tim.Whittington#064orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memorable 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, XSalza20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon 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/OpenBSD/Hmac, PG API documentation and code quality work.

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.

Andrey Zhozhin &lt;zhozhin#064xrm.ru&gt; patch for override of TSP SignerInfo attributes.

Sergey Tiunov &lt;t5555d#064gmail.com&gt; initial cut of DVCS classes.

Damian Kolasa &lt;fatfredyy#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.

Ash Hughes &lt;ashley.hughes#064blueyonder.co.uk&gt; patches for supporting PGPKeyRing/PGPKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().

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

Andiele Ricci &lt;daniele.athome#064gmail.com&gt; initial implementation of EC keys for OpenPGP and RFC6637 support.

Matti Aarnio &lt;matti.aarnio#064methics.fi&gt; 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 &lt;bnajafi#064akamai.com&gt; fixes to OpenPGP NotationData to prevent truncation problems.

Eric M&uuml;ller &lt;eric.mueller#064sage.de&gt; additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts &lt;Mathias.Herberts#064gmail.com&gt; fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov &lt;daniil.ivanov#064gmail.com&gt; addition of provider support for GOST HMAC SecretKeyFactory.
<li>Daniele Grasso &lt;daniele.grasso86&#064gmail.com&gt;: Contributions to final Key calculation code for SRP6.</li>

<li>Andrey Utkin &lt;cindrhc&#064gmail.com&gt;: Patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.</li>

<li>Arnis Tartu &lt;arnis&#064ut.ee&gt;: Checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li>

<li>Andrey Utkin &lt;cindrhc&#064gmail.com&gt;: Patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.</li>

<li>Arnis Tartu &lt;arnis&#064ut.ee&gt;: Checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li>

<li>Roberto Tyley &lt;gt&gt;: Further work on completing gradle build.</li>

<li>Waldemar Dick &lt;wdick&#064devmue.de&gt;: Code improvement in x500 ASN.1 package.</li>

<li>Sid Steward &lt;sid.steward&#064pdf1abs.com&gt;: Code improvements to ASN1Boolean.</li>

<li>Alex Klyubin &lt;klyubin&#064google.com&gt;: AlgorithmParameters check for EC key agreement.</li>

<li>Jonathan Gillett &lt;gsoc.student&#064gmail.com&gt;: Initial support for block cipher IVs in ISEEngine, IES MAC length check bug fix.</li>

<li>Andreas Reiter &lt;andreas.reiter&#064iaik.tugraz.at&gt;: Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.</li>

<li>Kieran Miller &lt;kieran.miller&#064gmail.com&gt;: Initial implementation for RFC 5649 key wrap with padding.</li>

<li>Oliver Ehli &lt;ehli&#064arago.de&gt;: Additional support for BSI plain ECDSA in the provider.</li>

<li>Robert Bushman &lt;bouncycastle&#064traxel.com&gt;: Clean up of DirectKeySignature example.</li>

<li>Maurice Aarts &lt;aarts&#064604ircsure.com&gt;: Updated to KDF generator to follow NIST SP 800-108.</li>

<li>Oliver Ehli &lt;ehli&#064arago.de&gt;: Additional support for RFC 5649 key wrap with padding.</li>

<li>Tobias Wich &lt;tobias.wich&#064604ircsure.com&gt;: Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.</li>

<li>Hauke Mehrtens &lt;hauke&#064hauke-m.de&gt;: TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.</li>

<li>Daniel Zimmerman &lt;dmz&#064galois.com&gt;: Further key quality improvements to RSAKeyPairGenerator.</li>

<li>Jens Kapitza &lt;jkapitza&#064schwarze-allianz.de&gt;: Iterable support in OpenPGP API, code cleanup in OpenPGP API.</li>

<li>Johan Eklund &lt;johan&#064604primekey.se&gt;: Update to RFC 6960 for OCSPObjectIdentifiers.</li>

<li>Nikos Stoumpos &lt;nikosn&#064nightlabs.de&gt;: Implementation of the Iterative Key Scheduler.</li>

<li>Maurice Aarts &lt;aarts&#064604ircsure.com&gt;: Updated to KDF generator to follow NIST SP 800-108.</li>

<li>Daniel Zimmerman &lt;dmz&#064galois.com&gt;: Further key quality improvements to RSAKeyPairGenerator.</li>

<li>Jens Kapitza &lt;jkapitza&#064schwarze-allianz.de&gt;: Iterable support in OpenPGP API, code cleanup in OpenPGP API.</li>

<li>Johan Eklund &lt;johan&#064604primekey.se&gt;: Update to RFC 6960 for OCSPObjectIdentifiers.</li>

<li>Nikos Stoumpos &lt;nikosn&#064nightlabs.de&gt;: Implementation of the Iterative Key Scheduler.</li>

<li>Axel von dem Bruch &lt;axel-vdb&#064604riseup.net&gt;: Contributions to BCrypt/OpenBSDCrypt, original version of Blake2Digest.</li>

<li>Derek Atkins &lt;derek&#064ihtfp.com&gt;: Documentation fixes to X9ObjectIdentifiers.</li>

<li>Peter Jr Halicky &lt;peter&#064604halicky.sk&gt;: Correction to notification/error message handling in SignedMailValidator.</li>


<li>Thomas Belot &lt;thomas.belot+BC&#064604gmail.com&gt;: Initial CertPathLoopTest for demonstrating stack overflow issue.
Rich DiCroce &lt;https://github.com/rdicroce&gt;: Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Björn Kautler &lt;https://github.com/Vampire&gt;: Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Schührmann &lt;https://github.com/dschuermann&gt;: 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.

Michael &lt;https://github.com/MSKnete&gt;: initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.

Tobias Wagner &lt;tobias.wagner@064n-design.de&gt;: Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].

Sergio Giro &lt;https://github.com/sergiog＠google.com&gt;: 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.

bschuette &lt;https://github.com/bschuette&gt;: Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.

Leonard Dallot &lt;https://github.com/dallotTazTag&gt;: Fix to S2K usage of none on changing passwords on keys without passwords originally.

Jan Willem Janssen &lt;j.w.janssen@bouncycastle.nl&gt;: Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.

Sebastian Oerding &lt;sebastian.oerding@robotron.de&gt;: Fixes to toString() in x509.CertificatePolicies.

Kai Kramer &lt;kai.kramer@064gmail.com&gt;: Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.

Benoit Charles &lt;benoit.charles＠opentrust.com&gt;: Fix for IES data length check on decryption.

Niko &lt;nfink95＠gmail.com&gt;: fix to cast issue in getOutputSize() for ECIES.

akwizgran &lt;https://github.com/akwizgran&gt;: Fixed clone of key in Blake2bDigest copy constructor, blake2b reset issue for variant keys.

Matthias Edelhoff &lt;Matthias.Edelhoff＠cryptovision.com&gt;: BasicConstraintsValidation pathlen fix in PKIX certpath classes.

Lukasz Deputat &lt;lukasz.deputat＠064gmail.com&gt;: Fixed bugs in TlsUtils read methods [#BJA-592].

Justin Ludwig &lt;https://github.com/justinludwig&gt;: Iterator fix for PGPOrderedFactory to handle stream packets at start of iterated data.

Andréacutene Berenguel &lt;https://github.com/berenguel＠gmail.com&gt;: Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.

Slawomir Jaranowski &lt;https://github.com/slawekejaranowski＠gmail.com&gt;: Patch to make cipher/hash/signature name methods in PGP internal API public.

Andrey Vasilyev &lt;https://github.com/andrey-vasilyev＠gmail.com&gt;: Initial implementation of GOST R 34.11-2012.


jdvorak001 &lt;https://github.com/jdvorak001＠gmail.com&gt;: Speed improvements for ASN.1 ObjectIdentifier cache.

Joseph Naegle &lt;jnaegle＠064grierforensics.com＠gmail.com&gt;: Patch for handling multiple certificates in a DANE SMIMEA entry.


The Google Security Team (Project Wycheproof) &lt;https://github.com/google/wycheproof＠gmail.com&gt;: defect analysis and additional test cases for the provider.

Gorka Irazoqui &lt;https://security-center.intel.com＠gmail.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>Joerg Senekowitsch &lt;joerg.senekowitsch@veridos.com&gt; patch to deal with hard coded boolean in EAC ECDSAPublicKey.</li>

Alexandr Krivoshta &lt;wipe@064ya.ru&gt; N4 calculation fix to GOFB mode.</li>

Artem Storozhuk &lt;storoji72@064gmail.com&gt; N4 calculation fix to GOFB mode.</li>

Na Yu &lt;na.yu@064samsung.com&gt; Constructor patches to CMC PKIData.</li>

Evangelos Karatsiolis &lt;ekaratsiolis@064mtg.de&gt; Corrected use of explicit tagging in X.509 PolicyConstraints class.</li>

VivleSoren &lt;https://github.com/VivleSoren&gt; additional constructor for McElieceCCA2PrivateKeyParameters.</li>

mtausig &lt;https://github.com/mtausig&gt; JavaDoc fix for MCSEncryptedDataGenerator.</li>

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

Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@stud.tu-darmstadt.de&gt; Initial XMSS/XMSS-MT implementation.</li>

didasoft &lt;https://github.com/didasoft&gt; test code for PGP signature removal involving user ids.</li>

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

Artem Storozhuk &lt;storoji72@064gmail.com&gt; initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.</li>

Andreas Glaser &lt;andreas.glaser@064gi-de.com&gt; patch to recognise ANSSI curves for PKCS#10 requests.</li>

codeborne &lt;https://github.com/cbxp&gt; patch to correct OIDs used in public key digest parameters for ECGOST-2012.</li>

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

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

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

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

str4d &lt;https://github.com/str4d&gt; initial implementation of Blake2s.</li>

Scott Woodward &lt;scott@064bitconsulting.com&gt; performance fixes for CTRSP800DRBG.</li>

David Strawn &lt;https://github.com/isomarcte&gt; fix for off by one error in SCRYPT bounds checking.</li>

chris mccown &lt;0xchrismccown@064gmail.com&gt; identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).</li>

ZZMarquis &lt;https://github.com/ZZMarquis&gt; offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.</li>

Andreas Kretschmer &lt;https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion().</li>

Armin Lunkeit, Michael Tautenhahn &lt;0xchrismccown@064gmail.com&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.</li>

Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.</li>

Adam Vartanian &lt;https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().</li>

Bernd &lt;https://github.com/ekii&gt; Fix to make PGPUtility.pipeFileContents use buffer and not leak file handle.</li>

Shartung &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.</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>cathref &lt;https://github.com/cathref&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>griew &lt;https://github.com/#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.</li>
<li>MTG &lt;https://github.com/mttgag&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>Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.</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>Gabriel Sroka &lt;https://github.com/gabrielsroka&gt; corrected comments in RSA validation.</li>
<li>Tony Washer &lt;https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.</li>
<li>Golden Looly &lt;https://github.com/looly&gt; Patch for addition of C1C3C2 mode to SM2Engine.</li>
<li>Moses Palm&eacute;r &lt;https://github.com/mosespalm&gt; Additional improvements to constant time comparisons.</li>
<li>Ren&eacute; Korthaus &lt;https://github.com/renkorthaus&gt; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.</li>
<li>THausherr &lt;https://github.com/THausherr&gt; Addition generic support for CMS/TSP functions.</li>
<li>Gaylor Bosson &lt;https://github.com/GaylorBosson&gt; Initial implementation of Blake2xs.</li>
<li>gaellalire &lt;https://github.com/gaellalire&gt; Patch for unprotected PGP private keys as SExpr.</li>
<li>Nick hitchan &lt;https://github.com/hitchan&gt; Fix for typo in engineInitSign() in EdEc SignatureSpi.</li>
<li>dbusche &lt;https://github.com/dbusche&gt; Argon2 optimisations.</li>
<li>Daniel Heldt &lt;https://github.com/dheldt&gt; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in JceKeyAgreeRecipient.</li>
<li>Ugochukwu Mmaduekw &lt;https://github.com/Xor-el&gt; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.</li>
<li>Gsealy &lt;https://github.com/Gsealy&gt; addition of PBKDF2withHmacSM3 to the provider.</li>
<li>aphuang2013 &lt;https://github.com/aphuang2013&gt; update to path validation in EST service for ClearPath EST.</li>
<li>Kevin Herron &lt;https://github.com/kevinherron&gt; Initial ChaCha20Poly1305 prototype.</li>
<li>vkreml &lt;https://github.com/svkreml&gt; GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.</li>
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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html
The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

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

The following artifacts are ASL2 licensed.

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

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

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

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
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1.601 websocket-server 9.3.25.v20180904

1.602 kerby-util 1.0.0
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1.620 jersey-media-multipart 2.26

1.621 security-provider 1.3.0
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

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

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Oracle

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

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

------
Oracle OpenJDK

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

* java.sun.security.ssl

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

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

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**Apache**

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

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**MortBay**

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

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

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**1.631 mssql-jdbc 6.2.1.jre7**

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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * <p>
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 * <p>
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 * <p>
 * @return an optional URL for the license
 */
String url() default "";
```
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   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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- analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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- analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
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