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For the SSH family of tasks (<sshexec> and <scp>) Ant requires the JSch <<http://www.jcraft.com/jsch/index.html>> library as well as the Java Cryptography extensions <<https://www.oracle.com/technetwork/java/javase/tech/index-jsp-136007.html>>. Ant does not include these libraries itself, but is designed to use them.

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ant-1.10.11

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aws-signing-request-interceptor-0.0.16

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bc-fips-1.0.2

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< bc-fips-1.0.2-sources\org\bouncycastle\crypto\general\SerpentEngineBase.java:

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For further details see:
http://fp.gladman.plus.com/cryptography_technology/serpent/

Partially optimised Serpent S Box boolean functions derived using a recursive descent analyser but without a full search of all subtrees. This set of S boxes is the result of work by Sam Simpson and Brian Gladman using the spare time on a cluster of high capacity servers to search for S boxes with this customised search engine. There are now an average of 15.375 terms per S box.

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17th December 1998

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< bc-fips-1.0.2-sources\org\bouncycastle\crypto\general\Poly1305Impl.java:

Poly1305 message authentication code, designed by D. J. Bernstein.

Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
effective key bits) used in the authenticator.

The polynomial calculation in this implementation is adapted from the public domain poly1305-donna-unrolled C implementation
by Andrew M (@floodyberry).
see Poly1305KeyGenerator

+++++

bcmail-fips-1.0.1

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<packaging>jar</packaging>
<name>Bouncy Castle JavaMail S/MIME APIs (FIPS Distribution)</name>
<version>1.0.1</version>
<description>The Bouncy Castle Java APIs for doing S/MIME with JavaMail. The APIs are designed primarily to be used
in conjunction with the BC FIPS provider. The APIs may also be used with other providers although if being used in a
FIPS context it is the responsibility of the user to ensure that any other providers used are FIPS certified and used
appropriately.</description>
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+++++

bcpkix-fips-1.0.3

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<description>The Bouncy Castle Java APIs for CMS, PKCS, EAC, TSP, CMP, CRMF, OCSP, and certificate generation. The APIs are designed primarily to be used in conjunction with the BC FIPS provider. The APIs may also be used with other providers although if being used in a FIPS context it is the responsibility of the user to ensure that any other providers used are FIPS certified.</description>
<url>https://www.bouncycastle.org/fips-java</url>
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    <email>feedback-crypto@bouncycastle.org</email>
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bcprov-jdk15on-1.50-sources.jar

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< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/crypto/macs/Poly1305.java

Poly1305 message authentication code, designed by D. J. Bernstein.

<p>

Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106 effective key bits) used in the authenticator.

<p>

The polynomial calculation in this implementation is adapted from the public domain poly1305-donna-unrolled C implementation by Andrew M (@floodyberry).

@see Poly1305KeyGenerator

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< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/crypto/engines/IDEAEngine.java

A class that provides a basic International Data Encryption Algorithm (IDEA) engine.

<p>

This implementation is based on the "HOWTO: INTERNATIONAL DATA ENCRYPTION ALGORITHM" implementation summary by Fauzan Mirza (F.U.Mirza@sheffield.ac.uk). (barring 1 typo at the

end of the mulinv function!).

<p>

It can be found at <ftp://ftp.funet.fi/pub/crypt/cryptography/symmetric/idea/>

<p>

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<p>

Note 2: Due to the requests concerning the above, this algorithm is now only included in the extended Bouncy Castle provider and JCE signed jars. It is not included in the default distributions.

< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/apache/bzip2/BZip2Constants.java

< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/apache/bzip2/CBZip2InputStream.java

< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/apache/bzip2/CBZip2OutputStream.java

< bcprov-jdk15on-1.50-sources.jar/org/bouncycastle/apache/bzip2/CRC.java

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bctls-fips-1.0.11

<artifactId>bctls-fips</artifactId>

<packaging>jar</packaging>

<name>Bouncy Castle TLS/JSSE APIs (FIPS Distribution)</name>

```

<version>1.0.11</version>
<description>The Bouncy Castle Java APIs for the TLS, including a JSSE provider. The APIs are designed primarily to be
used in conjunction with the BC FIPS provider. The APIs may also be used with other providers although if being used
in a FIPS context it is the responsibility of the user to ensure that any other providers used are FIPS certified and used
appropriately.</description>
<url>https://www.bouncycastle.org/fips-java</url>
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    <name>The Legion of the Bouncy Castle Inc.</name>
    <email>feedback-crypto@bouncycastle.org</email>
  </developer>
</developers>

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BouncyCastle.Crypto.dll-1.9.0

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```

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```

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```
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```

The sboxes below are based on the work of Brian Gladman and Sam Simpson, whose original notice appears below.

<p>
For further details see:
http://fp.gladman.plus.com/cryptography_technology/serpent/
</p>

Partially optimised Serpent S Box boolean functions derived using a recursive descent analyser but without a full search

of all subtrees. This set of S boxes is the result of work by Sam Simpson and Brian Gladman using the spare time on a cluster of high capacity servers to search for S boxes with this customised search engine. There are now an average of 15.375 terms per S box.

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< bccrypto-csharp-1.9.0\crypto\src\util\zlib\ZInputStream.cs:
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This file is a port of jzlib v1.0.7, com.jcraft.jzlib.ZOutputStream.java
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cache-api-1.1.1

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< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheRemove.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheRemoveAll.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheResolver.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheResolverFactory.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheResult.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\CacheValue.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\GeneratedCacheKey.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\annotation\package-info.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\configuration\CacheEntryListenerConfiguration.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\configuration\CompleteConfiguration.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\configuration\Configuration.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\configuration\FactoryBuilder.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\configuration\MutableConfiguration.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\expiry\package-info.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\integration\CacheLoader.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\integration\CacheWriter.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\integration\CacheWriterException.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\integration\CompletionListener.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\integration\CompletionListenerFuture.java:
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< jsr107spec-1.1.1\src\main\java\javax\cache\management\CacheStatisticsMXBean.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\management\package-info.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\processor\EntryProcessor.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\processor\EntryProcessorException.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\processor\EntryProcessorResult.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\processor\MutableEntry.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\spi\CachingProvider.java:

< jsr107spec-1.1.1\src\main\java\javax\cache\spi\package-info.java:

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< jsr107spec-1.1.1\src\main\java\javax\cache\integration\package-info.java:
< jsr107spec-1.1.1\src\main\java\javax\cache\processor\package-info.java:

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< caffeine-2.9.2-sources\com\github\benmanes\caffeine\cache\StripedBuffer.java:

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camel-validator-3.9.0

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camel-xml-jaxb-3.9.0

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== in this case for the Apache Camel distribution.        ==
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camel-xml-jaxb-dsl-3.9.0

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camel-xml-jaxp-3.9.0

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camel-xpath-3.9.0

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camel-xslt-3.9.0

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checker-compact-qual-2.5.5

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Framework to type check Java source code. Please see artifact: org.checkerframework:checker </description>
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<artifactId>checker-compact-qual</artifactId>
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<!-- The comments in the version number are used to do a text substitution. Don't remove them.
      See checker-framework/bin/poms/updateVersion.sh -->
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2.5.5
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<developers>
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checker-qual-3.5.0

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commons-httpclient-3.1-src

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+++++

compiler-0.9.6

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  <artifactId>mustache.java</artifactId>
  <groupId>com.github.spullara.mustache.java</groupId>
  <version>0.9.6</version>
</parent>
<modelVersion>4.0.0</modelVersion>
<artifactId>compiler</artifactId>
<packaging>jar</packaging>
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<url>http://github.com/spullara/mustache.java</url>

<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <connection>scm:git:git://github.com/spullara/mustache.java.git</connection>
  <url>http://github.com/spullara/mustache.java</url>
  <tag>mustache.java-0.9.6</tag>
</scm>

<developers>
  <developer>
    <name>Sam Pullara</name>
    <email>sam@sampullara.com</email>
    <url>http://www.javarants.com</url>
  </developer>
</developers>

```

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dom4j-1.6.1

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dom4j-2.1.3

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easy-rules-core-4.1.0

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< elasticsearch-7.14.1-sources\org\elasticsearch\common\inject\ProvisionException.java:

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< elasticsearch-7.14.1-sources\org\joda\time\format\StrictISODateTimeFormat.java:

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failsafe-2.4.0

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flume-ng-auth-1.9.0

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Manifest-Version: 1.0

Built-By: fszabo

Created-By: Apache Maven 3.5.4

Build-Jdk: 1.8.0_181

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flume-ng-config-filter-api-1.9.0

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Created-By: Apache Maven 3.5.4

Build-Jdk: 1.8.0_181

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gax-grpc-2.18.7

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gax-httpjson-0.103.7

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google-cloud-pubsub-1.120.12

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groovy-all-2.4.21

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grpc-netty-shaded-1.48.0

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grpc-protobuf-1.48.0

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Forked from zero-allocation-hashing-0.14 (<https://github.com/OpenHFT/Zero-Allocation-Hashing>).
Modified by the gRPC Authors

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guava-30.1-jre

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< guava-30.1-jre-sources\com\google\common\hash\Murmur3_128HashFunction.java:

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< guava-30.1-jre-sources\com\google\common\cache\LongAdder.java:
< guava-30.1-jre-sources\com\google\common\cache\Striped64.java:
< guava-30.1-jre-sources\com\google\common\hash\LongAdder.java:
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< guava-30.1-jre-sources\com\google\common\util\concurrent\AtomicDoubleArray.java:
< guava-30.1-jre-sources\com\google\common\util\concurrent\AtomicDouble.java:

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< guava-30.1-jre-sources\com\google\common\util\concurrent\MoreExecutors.java:
< guava-30.1-jre-sources\com\google\common\util\concurrent\Striped.java:

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This following method is a modified version of one found in

<http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30> which contained the following notice:

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guice-5.0.1

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< guice-5.0.1\core\src\com\google\inject\internal\PackageNameCompressor.java:
< guice-5.0.1\core\test\com\google\inject\internal\PackageNameCompressorTest.java:

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```
< h2-2019-10-14\h2\src\main\org\h2\util\Permutations.java:
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```

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According to a mail from Alan Tucker to Chris H Miller from IBM,
the algorithm is in the public domain:

Date: 2010-07-15 15:57
Subject: Re: Applied Combinatorics Code

Chris,
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or copyright. They are as much in the public domain as the solution to any
common question in an undergraduate mathematics course, e.g., in my
combinatorics course, the solution to the problem of how many arrangements
there are of the letters in the word MATHEMATICS. I appreciate your due
diligence.
-Alan

< h2-2019-10-14\h2\src\main\org\h2\jdbcx\JdbcConnectionPool.java:

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This code is based on the LZF algorithm from Marc Lehmann. It is a re-implementation of the C code:

http://cvs.schmorp.de/liblzf/lzf_c.c?view=markup

http://cvs.schmorp.de/liblzf/lzf_d.c?view=markup

According to a mail from Marc Lehmann, it's OK to use his algorithm:

Date: 2010-07-15 15:57

Subject: Re: Question about LZF licensing

The algorithm is not copyrighted (and cannot be copyrighted afaik) - as long as you wrote everything yourself, without copying my code, that's just fine (looking is of course fine too).

Still I would like to keep his copyright info:

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+++++

hppc-0.8.1

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  <relativePath>../pom.xml</relativePath>
</parent>
<artifactId>hppc</artifactId>
<packaging>bundle</packaging>
<name>HPPC Collections</name>
<description>High Performance Primitive Collections. Fundamental data structures (maps, sets, lists, stacks, queues)
generated for combinations of object and primitive types to conserve JVM memory and speed up
execution.</description>
```

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<artifactId>hppc-parent</artifactId>
<version>0.8.1</version>
<packaging>pom</packaging>
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<url>http://labs.carrotsearch.com/hppc.html</url>
<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
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        <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
        <distribution>repo</distribution>
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        <email>stanislaw.osinski@carrotsearch.com</email>
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    <module>hppc-benchmarks</module>
    <module>hppc-examples</module>
</modules>

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< hppc-0.8.1-sources\com\carrotsearch\hppc\BitSetIterator.java:
< hppc-0.8.1-sources\com\carrotsearch\hppc\BitSet.java:

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ion-java-1.0.2

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jackson-annotations-2.12.1

```
<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-annotations</artifactId>
<name>Jackson-annotations</name>
<version>2.12.1</version>
<packaging>bundle</packaging>
<description>Core annotations used for value types, used by Jackson data binding package.
</description>
<inceptionYear>2008</inceptionYear>
<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
```



```

    <distribution>repo</distribution>
  </license>
</licenses>

<url>http://github.com/FasterXML/jackson</url>
<scm>
  <connection>scm:git:git@github.com:FasterXML/jackson-annotations.git</connection>
  <developerConnection>scm:git:git@github.com:FasterXML/jackson-annotations.git</developerConnection>
  <url>http://github.com/FasterXML/jackson-annotations</url>
  <tag>jackson-annotations-2.12.1</tag>
</scm>

```

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jackson-core-2.12.1

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```

<parent>
  <groupId>com.fasterxml.jackson</groupId>
  <artifactId>jackson-base</artifactId>
  <version>2.12.1</version>
</parent>

```

```

<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-core</artifactId>
<name>Jackson-core</name>
<version>2.12.1</version>
<packaging>bundle</packaging>
<description>Core Jackson processing abstractions (aka Streaming API), implementation for JSON</description>
<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
<inceptionYear>2008</inceptionYear>

<url>https://github.com/FasterXML/jackson-core</url>
<scm>
  <connection>scm:git:git@github.com:FasterXML/jackson-core.git</connection>
  <developerConnection>scm:git:git@github.com:FasterXML/jackson-core.git</developerConnection>
  <url>http://github.com/FasterXML/jackson-core</url>
  <tag>jackson-core-2.12.1</tag>
</scm>

```

+++++

jackson-databind-2.12.1

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```
<parent>
  <groupId>com.fasterxml.jackson</groupId>
  <artifactId>jackson-base</artifactId>
  <version>2.12.1</version>
</parent>

<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-databind</artifactId>
<version>2.12.1</version>
<name>jackson-databind</name>
<packaging>bundle</packaging>
<description>General data-binding functionality for Jackson: works on core streaming API</description>
<url>http://github.com/FasterXML/jackson</url>
<inceptionYear>2008</inceptionYear>
<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <connection>scm:git:git@github.com:FasterXML/jackson-databind.git</connection>
  <developerConnection>scm:git:git@github.com:FasterXML/jackson-databind.git</developerConnection>
  <url>http://github.com/FasterXML/jackson-databind</url>
  <tag>jackson-databind-2.12.1</tag>
</scm>
```

+++++

jackson-dataformat-smile-2.10.1

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jackson-dataformat-xml-2.12.1

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jackson-dataformat-yaml-2.12.1

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```
<parent>
  <groupId>com.fasterxml.jackson.dataformat</groupId>
  <artifactId>jackson-dataformats-text</artifactId>
```

```
<version>2.12.1</version>
</parent>
<artifactId>jackson-dataformat-yaml</artifactId>
<packaging>bundle</packaging>
<name>Jackson-dataformat-YAML</name>
<description>Support for reading and writing YAML-encoded data via Jackson abstractions.
</description>
<url>https://github.com/FasterXML/jackson-dataformats-text</url>
```

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jackson-dataformat-yaml-2.12.5

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```
<parent>
  <groupId>com.fasterxml.jackson.dataformat</groupId>
  <artifactId>jackson-dataformats-text</artifactId>
  <version>2.12.5</version>
</parent>
<artifactId>jackson-dataformat-yaml</artifactId>
<packaging>bundle</packaging>
<name>Jackson-dataformat-YAML</name>
<description>Support for reading and writing YAML-encoded data via Jackson abstractions.
</description>
<url>https://github.com/FasterXML/jackson-dataformats-text</url>
```

+++++

jackson-datatype-jsr310-2.12.1

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jackson-jaxrs-base-2.12.1

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Manifest-Version: 1.0
Implementation-Title: Jackson-JAXRS-base
Implementation-Version: 2.12.1
X-Compile-Target-JDK: 1.7
Specification-Vendor: FasterXML
Specification-Title: Jackson-JAXRS-base
X-Compile-Source-JDK: 1.7
Created-By: Maven Source Plugin 3.2.1
Specification-Version: 2.12
Implementation-Vendor: FasterXML
Implementation-Build-Date: 2021-01-09 03:28:17+0000

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jackson-jaxrs-json-provider-2.12.1

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jackson-module-afterburner-2.12.1

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jackson-module-jaxb-annotations-2.12.1

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jakarta.jws-api-1.1.1

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< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\FilterChain.java:
< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\FilterConfig.java:
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< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\RequestDispatcher.java:
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< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\http\HttpServletRequest.java:
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< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\http\HttpSessionActivationListener.java:
< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\http\HttpSessionAttributeListener.java:
< jakarta.servlet-api-5.0.0-sources\jakarta\servlet\http\HttpSessionBindingEvent.java:
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```

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< JavaEWAH-1.1.13-sources\com\googlecode\javaewah\IntIteratorImpl.java:

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< JavaEWAH-1.1.13.pom:

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```

uncompressed bitmap (implemented in Java as the BitSet class). Unlike some alternatives, javaewah does not rely on a patented scheme. </description>

</project>

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javax-websocket-server-impl-9.4.43.v20210629

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XMLWriter.java - serialize an XML document.

Written by David Megginson, david@megginson.com

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Encapsulate Namespace logic for use by applications using SAX,

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jersey-bundle-1.19.4

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jest-6.3.1

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<packaging>jar</packaging>
<name>Jest Apache HC Jar</name>
<description>ElasticSearch Java REST client - Apache HTTP Client package</description>
<url>https://github.com/searchbox-io/Jest</url>
<licenses>
  <license>
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    </developer>
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        <name>Cihat Keser</name>
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jest-common-6.3.1

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<licenses>
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    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
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* NonBlockingMutexExecutor
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\util\RadixSort.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\PruferTreeGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\tour\PalmerHamiltonianCycle.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\BarabasiAlbertForestGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\spanning\PrimMinimumSpanningTree.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\tour\HeldKarpTSP.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\scoring\ClusteringCoefficient.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\shortestpath\TreeMeasurer.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\lca\BinaryLiftingLCAFinder.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\lca\EulerTourRMQLCAFinder.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\lca\HeavyPathLCAFinder.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\isomorphism\IsomorphismInspector.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\isomorphism\GraphOrderingTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\isomorphism\IsomorphicGraphMappingTest.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\PushRelabelMFImplTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\shortestpath\EppsteinShortestPathIterator.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\interfaces\AStarAdmissibleHeuristicTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-
core\src\test\java\org\jgrapht\perf\shortestpath\DeltaSteppingShortestPathPerformance.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\traverse\TopologicalOrderIterator.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\generate\GnmRandomGraphGeneratorTest.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-io\src\test\java\org\jgrapht\io\DIMACSImporterTest.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-io\src\test\java\org\jgrapht\io\GmlExporterTest.java:
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core\src\test\java\org\jgrapht\alg\clique\DegeneracyBronKerboschCliqueFinderTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\graph\CloneTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\graph\SerializationTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\graph\SerializationTestUtils.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\traverse\IgnoreDirectionTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\traverse\ClosestFirstIteratorTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\traverse\TopologicalOrderIteratorTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\util\FibonacciHeapTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\LinearGraphGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\RingGraphGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\GraphGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\WheelGraphGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\EmptyGraphGenerator.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\shortestpath\DijkstraShortestPath.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\FastTestSuite.java:
< jgrapht-jgrapht-1.3.1\jgrapht-demo\src\main\java\org\jgrapht\demo\GraphBuilderDemo.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\IntegrationTestSuite.java:
< jgrapht-jgrapht-1.3.1\jgrapht-io\src\main\java\org\jgrapht\io\ComponentAttributeProvider.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\PerformanceTestSuite.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-io\src\test\java\org\jgrapht\io\GraphMLExporterTest.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\color\BrownBacktrackColoring.java:  
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\color\ColorRefinementAlgorithm.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\color\ColorRefinementAlgorithmTest.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\alg\flow\PadbergRaoOddMinimumCutset.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\generate\NamedGraphGeneratorTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\graph\AsGraphUnionTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\GraphMetricsTest.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\PushRelabelMinimumSTCutTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\PadbergRaoOddMinimumCutsetTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\MinimumSourceSinkCutTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\MaximumFlowAlgorithmTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\GusfieldGomoryHuCutTreeTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\GusfieldTreeAlgorithmsTestBase.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\GusfieldEquivalentFlowTreeTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\cycle\ChinesePostmanTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\flow\EdmondsKarpMinimumSTCutTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\connectivity\BlockCutpointGraphTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\color\BrownBacktrackColoringTest.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\util\WeightedUnmodifiableSet.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\GraphMetrics.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\graph\specifics\FastLookupDirectedSpecifics.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\graph\specifics\FastLookupUndirectedSpecifics.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\graph\GraphWalk.java:
< jgrapht-jgrapht-1.3.1\jgrapht-core\src\main\java\org\jgrapht\generate\WindmillGraphsGenerator.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-core\src\test\java\org\jgrapht\alg\transform\LineGraphConverterTest.java:
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< jgrapht-jgrapht-1.3.1\jgrapht-io\src\main\java\org\jgrapht\io\VisioExporter.java:

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< jgrapht-jgrapht-1.3.1\jgrapht-io\src\test\java\org\jgrapht\io\DOTUtilsTest.java:

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888 8 888 .d88' Y888..8P
888 8 88800088P' `8888'
888 8 888 .8PY888.
`88. .8' 888 d8' `888b
`YbodP' o888o o888o o88888o
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Kernel32.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Shell32.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\User32.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\ObjBase.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\WTypes.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\PspiUtil.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\ShTypes.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\WinCryptUtil.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Winsock2.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\COMInvokeException.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\EnumVariant.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IComEnumVariantIterator.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IEnumVariant.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\User32Util.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\W32Service.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Winsvc.java:
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```
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Wevtapi.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\WevtapiUtil.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Winevt.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\Win32VK.java:

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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\WinBase.java:

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The FILETIME structure is a 64-bit value representing the number of 100-nanosecond intervals since January 1, 1601 (UTC).

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@author Rainer Klute (klute@rainer-klute.de) for the Apache Software Foundation (org.apache.poi.hpsf)

```
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\ConnectionPoint.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\ConnectionPointContainer.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\DispatchListener.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\DispatchVTable.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\EnumMoniker.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IConnectionPoint.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IConnectionPointContainer.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IPersistStream.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IRunningObjectTable.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IStream.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\IUnknownCallback.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\Moniker.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\RunningObjectTable.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\Convert.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\IComEventCallbackCookie.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\IComEventCallbackListener.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\IUnknown.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\ObjectFactory.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\ProxyObject.java:
< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\RunningObjectTable.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\annotation\ComInterface.java:
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< jna-platform-5.6.0-sources\com\sun\jna\platform\win32\COM\util\annotation\ComProperty.java:

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org.eclipse.jgit.ssh.jsch-0.1.55

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json-smart-2.4.7

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jsonassert-1.2.2

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>org.sonatype.oss</groupId>
    <artifactId>oss-parent</artifactId>
    <version>7</version>
```

```

</parent>

<groupId>org.skyscreamer</groupId>
<artifactId>jsonassert</artifactId>
<version>1.2.2</version>
<packaging>jar</packaging>

<name>JSONAssert</name>
<description>A library to develop RESTful but flexible APIs</description>
<url>http://github.com/skyscreamer/yoga</url>

<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
<scm>
  <connection>scm:git:git@github.com:skyscreamer/JSONAssert.git</connection>
  <developerConnection>scm:git:git@github.com:skyscreamer/JSONAssert.git</developerConnection>
  <url>git@github.com:skyscreamer/JSONAssert.git</url>
</scm>
<developers>
  <developer>
    <id>carterpage</id>
    <name>Carter Page</name>
    <email>carter@skyscreamer.org</email>
  </developer>
  <developer>
    <id>cepage</id>
    <name>Corby Page</name>
    <email>corby@skyscreamer.org</email>
  </developer>
  <developer>
    <id>sduskis</id>
    <name>Solomon Duskis</name>
    <email>solomon@skyscreamer.org</email>
  </developer>
</developers>

<!-- For JSONAssert -->
<dependencies>
  <dependency>
    <groupId>org.json</groupId>
    <artifactId>json</artifactId>
    <version>20090211</version>
  </dependency>
  <dependency>
    <groupId>junit</groupId>

```

```

    <artifactId>junit</artifactId>
    <version>4.10</version>
    <scope>test</scope>
  </dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>2.3.1</version>
      <configuration>
        <source>1.6</source>
        <target>1.6</target>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-site-plugin</artifactId>
      <version>3.1</version>
      <configuration>
        <reportPlugins>
          <plugin>
            <groupId>org.codehaus.mojo</groupId>
            <artifactId>cobertura-maven-plugin</artifactId>
            <version>2.5.1</version>
          </plugin>
        </reportPlugins>
      </configuration>
    </plugin>
  </plugins>
  <extensions>
    <extension>
      <groupId>org.apache.maven.scm</groupId>
      <artifactId>maven-scm-provider-gitexe</artifactId>
      <version>1.3</version>
    </extension>
    <extension>
      <groupId>org.apache.maven.scm</groupId>
      <artifactId>maven-scm-manager-plexus</artifactId>
      <version>1.3</version>
    </extension>
    <extension>
      <groupId>org.kathrynhuxtable.maven.wagon</groupId>
      <artifactId>wagon-gitsite</artifactId>
      <version>0.3.1</version>
    </extension>
  </extensions>
</build>

```

```

<distributionManagement>
  <site>
    <id>github-project-site</id>
    <url>gitsite:git@github.com/skyscreamer/JSONassert.git</url>
  </site>
</distributionManagement>

<profiles>
  <profile>
    <id>release-sign-artifacts</id>
    <activation>
      <property>
        <name>performRelease</name>
        <value>true</value>
      </property>
    </activation>
    <build>
      <plugins>
        <plugin>
          <groupId>org.apache.maven.plugins</groupId>
          <artifactId>maven-gpg-plugin</artifactId>
          <version>1.1</version>
          <executions>
            <execution>
              <id>sign-artifacts</id>
              <phase>verify</phase>
              <goals>
                <goal>sign</goal>
              </goals>
            </execution>
          </executions>
        </plugin>
      </plugins>
    </build>
  </profile>
</profiles>

</project>
+++++

```

jsoup-jsoup-1.9.2

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jsr311-api-1.1.1-sources

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jts-core-1.17.0

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< jts-core-1.17.0-sources\org\locationtech\jts\algorithm\CGAlgorithms3D.java:
< jts-core-1.17.0-sources\org\locationtech\jts\algorithm\InteriorPoint.java:
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< jts-core-1.17.0-sources\org\locationtech\jts\index\hprtree\Item.java:
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Implements an algorithm to compute the sign of a 2x2 determinant for double precision values robustly. It is a direct translation of code developed by Olivier Devillers.

<p>

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analysis/common/src/resources/org/apache/lucene/analysis/snowball
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analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
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The snowball stopword lists in

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were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

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Nori Korean Morphological Analyzer - Apache Lucene Integration

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lucene-backward-codecs-8.1.0

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```
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\Automata.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\AutomatonProvider.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\MinimizationOperations.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\Operations.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\package-info.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\RegExp.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\RunAutomaton.java:
< lucene-core-8.9.0-sources\org\apache\lucene\util\automaton\StatePair.java:
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```

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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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< mapdb-0.9.9-sources\org\mapdb\BTreeMap.java:
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This code is based on the LZF algorithm from Marc Lehmann. It is a
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http://cvs.schmorp.de/liblzf/lzf_c.c?view=markup

http://cvs.schmorp.de/liblzf/lzf_d.c?view=markup

According to a mail from Marc Lehmann, it's OK to use his algorithm:

Date: 2010-07-15 15:57

Subject: Re: Question about LZF licensing

The algorithm is not copyrighted (and cannot be copyrighted afaik) - as long
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(looking is of course fine too).

Still I would like to keep his copyright info:

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This is refactored code of [jfastlz](https://code.google.com/p/jfastlz/) library written by William Kinney.

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Adaptation of <https://bjoern.hoehrmann.de/utf-8/decoder/dfa/>

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< ognl-3.1.26-sources\ognl\AccessibleObjectHandlerJDK9Plus.java:
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okhttp-3.12.12

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< okhttp-3.12.12-sources\okhttp3\internal\http2\Http2Connection.java:
< okhttp-3.12.12-sources\okhttp3\internal\http2\Http2Reader.java:
< okhttp-3.12.12-sources\okhttp3\internal\http2\Http2Stream.java:
< okhttp-3.12.12-sources\okhttp3\internal\http2\Http2Writer.java:
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okio-1.15.0

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opencensus-contrib-http-util-0.31.1

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opencensus-proto-0.2.0

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<name>OpenCensus Contributors</name>
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@author rob@i harder.net

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package org.eclipse.jgit.util.sha1;

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< jgit-stable-5.13\org.eclipse.jgit.test\tst\org\eclipse\jgit\transport\ReceivePackTest.java:
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< jgit-stable-5.13\org.eclipse.jgit.test\tst\org\eclipse\jgit\api\EolRepositoryTest.java:

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parent-join-client-7.14.1

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proton-j-0.33.8

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re2j-1.6

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sshd-core-2.7.0

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Based on
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< node-uuid-3.2.0\node-uuid-3.2.0\v1.js:

Inspired by <https://github.com/LiosK/UUID.js>
and <http://docs.python.org/library/uuid.html>

```
"author": "LiosK <contact@mail.liosk.net>",  
"license": "Apache-2.0",  
"bugs": {  
  "url": "https://github.com/LiosK/UUID.js/issues"  
},  
"homepage": "https://github.com/LiosK/UUID.js",
```

[License information taken from <https://github.com/LiosK/UUID.js/blob/master/package.json> on December 13, 2018 via <https://github.com/LiosK/UUID.js>.]

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< xalan-j_2_7_2/tools/antRun.bat
< xalan-j_2_7_2/samples/extensions/sql/runDerby.sh
< xalan-j_2_7_2/samples/extensions/sql/runExtConnection.sh
< xalan-j_2_7_2/samples/extensions/sql/runXalan.sh
< xalan-j_2_7_2/xdocs/style/dtd/spec.dtd
< xalan-j_2_7_2/xdocs/style/dtd/xsl-html40s.dtd
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< xalan-j_2_7_2/src/org/apache/xpath/domapi/XPathStyleSheetDOM3Exception.java
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<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

That's all there is to it!

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