



UNRAVEL DATA SYSTEMS VERSION 4.7

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Apache Hadoop Annotations	3.1.1.7.0.3.0-79	Apache License 2.0
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Apache Kafka	2.2.0	Apache License 2.0
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Apache Log4j	2.4.1	Apache License 2.0
Apache Log4j	2.6.2	Apache License 2.0
Apache Log4j Web Adapters	2.10.0	Apache License 2.0
Apache Log4j Web Adapters	2.4.1	Apache License 2.0
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Apache Log4j to SLF4J Adapter	2.9.1	Apache License 2.0
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Apache ORO	2.0.8	Apache License 1.1

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Apache Parquet Column	1.10.1	Apache License 2.0
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Apache Parquet Column	1.8.1	Apache License 2.0
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Apache Parquet Common	1.10.0	Apache License 2.0
Apache Parquet Common	1.10.1	Apache License 2.0
Apache Parquet Common	1.7.0	Apache License 2.0
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Apache Parquet Encodings	1.10.0	Apache License 2.0
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Arrow Vectors	0.15.1	Apache License 2.0
Arrow Vectors	0.8.0	Apache License 2.0
Arrow Vectors	0.8.0.7.0.3.0-79	Apache License 2.0
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Calcite Core	1.10.0	Apache License 2.0
Calcite Core	1.16.0	Apache License 2.0
Calcite Core	1.19.0.7.0.3.0-79	Apache License 2.0
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Calcite Linq4j	1.16.0	Apache License 2.0
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Curator Client	2.1.0-incubating	Apache License 2.0
Curator Client	2.12.0	Apache License 2.0
Curator Client	2.13.0	Apache License 2.0
Curator Client	2.4.0	Apache License 2.0
Curator Client	2.6.0	Apache License 2.0
Curator Client	2.7.1	Apache License 2.0
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Curator Framework	2.6.0	Apache License 2.0
Curator Framework	2.7.1	Apache License 2.0
Curator Framework	4.2.0	Apache License 2.0
Curator Recipes	2.12.0	Apache License 2.0
Curator Recipes	2.13.0	Apache License 2.0
Curator Recipes	2.4.0	Apache License 2.0
Curator Recipes	2.6.0	Apache License 2.0
Curator Recipes	2.7.1	Apache License 2.0
Curator Recipes	4.2.0	Apache License 2.0
Cycler	0.10.0	BSD 3-clause "New" or "Revised" License
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Data Mapper for Jackson	1.0.1	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
Data Mapper for Jackson	1.9.11	GNU Lesser General Public License v2.1 or later
Data Mapper for Jackson	1.9.13	GNU Lesser General Public License v2.1 or later
Data Mapper for Jackson	1.9.13-cloudera.1	Apache License 2.0
Data Mapper for Jackson	1.9.2	Apache License 2.0
DataNucleus	3.2.1	Apache License 2.0

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DataNucleus	3.2.6	Apache License 2.0
DataNucleus	3.2.9	Apache License 2.0
DataNucleus	4.1.17	Apache License 2.0
DataNucleus	4.1.19	Apache License 2.0
DataNucleus	4.1.6	Apache License 2.0
DataNucleus	4.2.4	Apache License 2.0
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FlatBuffers Java API	1.9.0	Apache License 2.0
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Google Guice	4.0	Apache License 2.0
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Graphite Integration for Metrics	3.1.5	Apache License 2.0
Graphite Integration for Metrics	4.1.1	Apache License 2.0
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HK2 API module	2.6.1	(Sun GPL With Classpath Exception v2.0 AND Eclipse Public License 2.0)
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Hadoop Metrics2 Reporter for Dropwizard Metrics	0.1.2	Apache License 2.0
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HikariCP	2.6.1	Apache License 2.0
Hive Ant Utilities	1.1.0	Apache License 2.0
Hive Ant Utilities	1.2.0	Apache License 2.0
Hive Ant Utilities	2.1.0	Apache License 2.0
Hive Ant Utilities	2.1.1	Apache License 2.0
Hive Ant Utilities	2.2.0	Apache License 2.0
Hive Classifications	3.0.0	Apache License 2.0
Hive Classifications	3.1.0	Apache License 2.0
Hive Classifications	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Classifications	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Llap Client	2.1.0	Apache License 2.0
Hive Llap Client	2.1.1	Apache License 2.0
Hive Llap Client	2.2.0	Apache License 2.0

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Hive Llap Client	2.3.1	Apache License 2.0
Hive Llap Client	2.3.2	Apache License 2.0
Hive Llap Client	2.3.3	Apache License 2.0
Hive Llap Client	2.3.4	Apache License 2.0
Hive Llap Client	3.0.0	Apache License 2.0
Hive Llap Client	3.1.0	Apache License 2.0
Hive Llap Client	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Llap Client	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Llap Common	2.1.0	Apache License 2.0
Hive Llap Common	2.1.1	Apache License 2.0
Hive Llap Common	2.2.0	Apache License 2.0
Hive Llap Common	2.3.0	Apache License 2.0
Hive Llap Common	2.3.1	Apache License 2.0
Hive Llap Common	2.3.2	Apache License 2.0
Hive Llap Common	2.3.3	Apache License 2.0
Hive Llap Common	2.3.4	Apache License 2.0
Hive Llap Common	3.0.0	Apache License 2.0
Hive Llap Common	3.1.0	Apache License 2.0
Hive Llap Common	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Llap Common	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Llap Tez	2.1.0	Apache License 2.0
Hive Llap Tez	2.1.1	Apache License 2.0
Hive Llap Tez	2.2.0	Apache License 2.0
Hive Llap Tez	2.3.0	Apache License 2.0
Hive Llap Tez	2.3.1	Apache License 2.0
Hive Llap Tez	2.3.2	Apache License 2.0
Hive Llap Tez	2.3.3	Apache License 2.0
Hive Llap Tez	2.3.4	Apache License 2.0
Hive Llap Tez	3.0.0	Apache License 2.0
Hive Llap Tez	3.1.0	Apache License 2.0
Hive Llap Tez	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Llap Tez	3.1.3000.7.1.5.0-257	Apache License 2.0
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Hive ORC	2.2.0	Apache License 2.0
Hive Service RPC	2.1.0	Apache License 2.0
Hive Service RPC	2.1.1	Apache License 2.0
Hive Service RPC	2.2.0	Apache License 2.0
Hive Service RPC	2.3.0	Apache License 2.0
Hive Service RPC	2.3.1	Apache License 2.0
Hive Service RPC	2.3.2	Apache License 2.0
Hive Service RPC	2.3.3	Apache License 2.0
Hive Service RPC	2.3.4	Apache License 2.0
Hive Service RPC	3.0.0	Apache License 2.0
Hive Service RPC	3.1.0	Apache License 2.0
Hive Service RPC	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Service RPC	3.1.3000.7.1.5.0-257	Apache License 2.0
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Hive Shims 0.20	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Shims 0.20S	1.1.0	Apache License 2.0
Hive Shims 0.20S	1.2.0	Apache License 2.0
Hive Shims 0.23	1.1.0	Apache License 2.0
Hive Shims 0.23	1.2.0	Apache License 2.0
Hive Shims 0.23	2.1.0	Apache License 2.0
Hive Shims 0.23	2.1.1	Apache License 2.0
Hive Shims 0.23	2.2.0	Apache License 2.0
Hive Shims 0.23	2.3.0	Apache License 2.0
Hive Shims 0.23	2.3.1	Apache License 2.0
Hive Shims 0.23	2.3.2	Apache License 2.0
Hive Shims 0.23	2.3.3	Apache License 2.0
Hive Shims 0.23	2.3.4	Apache License 2.0
Hive Shims 0.23	3.0.0	Apache License 2.0
Hive Shims 0.23	3.1.0	Apache License 2.0
Hive Shims 0.23	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Shims 0.23	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Shims Common	1.1.0	Apache License 2.0
Hive Shims Common	1.2.0	Apache License 2.0
Hive Shims Common	2.1.0	Apache License 2.0
Hive Shims Common	2.1.1	Apache License 2.0
Hive Shims Common	2.2.0	Apache License 2.0
Hive Shims Common	2.3.0	Apache License 2.0

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Hive Shims Common	2.3.2	Apache License 2.0
Hive Shims Common	2.3.3	Apache License 2.0
Hive Shims Common	2.3.4	Apache License 2.0
Hive Shims Common	3.0.0	Apache License 2.0
Hive Shims Common	3.1.0	Apache License 2.0
Hive Shims Common	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Shims Common	3.1.3000.7.1.5.0-257	Apache License 2.0
Hive Shims Scheduler	1.1.0	Apache License 2.0
Hive Shims Scheduler	1.2.0	Apache License 2.0
Hive Shims Scheduler	2.1.0	Apache License 2.0
Hive Shims Scheduler	2.1.1	Apache License 2.0
Hive Shims Scheduler	2.2.0	Apache License 2.0
Hive Shims Scheduler	2.3.0	Apache License 2.0
Hive Shims Scheduler	2.3.1	Apache License 2.0
Hive Shims Scheduler	2.3.2	Apache License 2.0
Hive Shims Scheduler	2.3.3	Apache License 2.0
Hive Shims Scheduler	2.3.4	Apache License 2.0
Hive Shims Scheduler	3.0.0	Apache License 2.0
Hive Shims Scheduler	3.1.0	Apache License 2.0
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Hive Standalone Metastore	3.1.2000.7.0.3.0-79	Apache License 2.0
Hive Standalone Metastore	3.1.3000.7.1.5.0-257	Apache License 2.0
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Hive Storage API	2.1.1	Apache License 2.0
Hive Storage API	2.3.0	Apache License 2.0
Hive Storage API	2.3.0.7.0.3.0-79	Apache License 2.0
Hive Storage API	2.3.1	Apache License 2.0
Hive Storage API	2.4.0	Apache License 2.0
Hive Storage API	2.6.1	Apache License 2.0
Hive Storage API	2.7.0	Apache License 2.0
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Hive Vector-Code-Gen Utilities	2.3.4	Apache License 2.0
Hive Vector-Code-Gen Utilities	3.0.0	Apache License 2.0
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Hive Vector-Code-Gen Utilities	3.1.2000.7.0.3.0-79	Apache License 2.0
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JCommander Library	1.48	Apache License 2.0
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JOpt Simple	3.2	MIT License

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JOpt Simple	5.0.2	MIT License
JOpt Simple	5.0.3	MIT License
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JSON-java	20090211	JSON License
JSch	0.1.42	JSch License
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JVM Integration for Metrics	3.1.0	Apache License 2.0
JVM Integration for Metrics	3.1.2	Apache License 2.0
JVM Integration for Metrics	3.1.5	Apache License 2.0
JVM Integration for Metrics	4.1.1	Apache License 2.0
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Jackson Integration for Metrics	3.1.2	Apache License 2.0
Jackson Integration for Metrics	3.1.5	Apache License 2.0
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Java Servlet API	2.4	Common Development and Distribution License 1.1
Java Servlet API	2.5	Common Development and Distribution License 1.1
Java Servlet API	3.0.1	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
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Java Transaction API	1.1	Common Development and Distribution License 1.0
JavaBeans Activation Framework	1.1	Common Development and Distribution License 1.0
JavaBeans Activation Framework	1.1.1	(Sun GPL With Classpath Exception v2.0 OR Common Development and Distribution License 1.0)
JavaBeans Activation Framework API jar	1.2.0	Common Development and Distribution License 1.1
JavaBeans Activation Framework API jar	1.2.1	BSD 3-clause "New" or "Revised" License
JavaCPP Presets for SciPy	1.4.1-1.5.3	(GNU General Public License v2.0 w/Classpath exception AND Apache License 2.0 AND GNU General Public License v3.0 or later)
JavaEWAH	0.3.2	Apache License 2.0
JavaMail	1.4.1	(Sun JavaMail 1.4 License AND Common Development and Distribution License 1.0)

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JavaMail	1.5.6	(GNU General Public License v2.0 w/Classpath exception OR Common Development and Distribution License 1.1)
Javassist	3.15.0-GA	(Mozilla Public License 1.1 OR GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
Javassist	3.18.1-GA	(Mozilla Public License 1.1 OR GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
Javassist	3.21.0-GA	(Mozilla Public License 1.1 OR GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
Javassist	rel_3_25_0_ga	(Mozilla Public License 1.1 OR GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
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Jersey	1.19	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
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Jersey	2.22.2	(GNU General Public License v2.0 w/Classpath exception AND Common Development and Distribution License 1.1)
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Jettison - Json Stax implementation	1.3.4	Apache License 2.0
Jetty :: Asynchronous HTTP Client	9.3.20.v20170531	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Asynchronous HTTP Client	9.3.27.v20190418	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Asynchronous HTTP Client	9.3.8.v20160314	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Servlet Handling	9.3.20.v20170531	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Servlet Handling	9.3.24.v20180605	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Servlet Handling	9.3.27.v20190418	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Servlet Handling	9.3.8.v20160314	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty :: Servlet Handling	9.4.31.v20200723	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty Orbit :: Servlet API	3.0.0.v201112011016	(Apache License 2.0 AND Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	2.5-20081211	Apache License 2.0
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	6.1.14	Apache License 2.0
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	6.1.26	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	7.6.0.v20120127	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.3.19.v20170502	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.3.20.v20170531	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.3.24.v20180605	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.3.8.v20160314	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.4.31.v20200723	(Apache License 2.0 OR Eclipse Public License 1.0)
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	jetty-9.3.27.v20190418	(Apache License 2.0 OR Eclipse Public License 1.0)
Jinja	2.10.1	BSD 3-clause "New" or "Revised" License
JmxTrans - Core	267	MIT License
JmxTrans - utils	267	MIT License
Joda Time	2.0	Apache License 2.0
Joda Time	2.1	Apache License 2.0
Joda Time	2.10	Apache License 2.0
Joda Time	2.5	Apache License 2.0
Joda Time	2.7	Apache License 2.0
Joda Time	2.8.1	Apache License 2.0
Joda Time	2.9.3	Apache License 2.0
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Jodd Core	3.5.2	BSD 3-clause "New" or "Revised" License
Jupyter Interactive Notebook	5.7.8	BSD 3-clause "New" or "Revised" License
Kafka 0.10+ Token Provider for Streaming	3.0.0	Apache License 2.0
Kerb Simple Kdc	1.0.1	Apache License 2.0
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Kerby ASN1 Project	1.0.1	Apache License 2.0
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Kerby Config	1.0.1	Apache License 2.0
Kerby Config	1.1.1	Apache License 2.0
Kerby PKIX Project	1.0.1	Apache License 2.0
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Kerby Util	1.1.1	Apache License 2.0
Kerby XDR Project	1.0.1	Apache License 2.0
Kerby XDR Project	1.1.1	Apache License 2.0
Kerby-kerb Admin	1.0.1	Apache License 2.0
Kerby-kerb Admin	1.1.1	Apache License 2.0

Component name	Component version name	License names
Kerby-kerb Client	1.0.1	Apache License 2.0
Kerby-kerb Client	1.1.1	Apache License 2.0
Kerby-kerb Common	1.0.1	Apache License 2.0
Kerby-kerb Common	1.1.1	Apache License 2.0
Kerby-kerb Crypto	1.0.1	Apache License 2.0
Kerby-kerb Crypto	1.1.1	Apache License 2.0
Kerby-kerb Identity	1.0.1	Apache License 2.0
Kerby-kerb Identity	1.1.1	Apache License 2.0
Kerby-kerb Server	1.0.1	Apache License 2.0
Kerby-kerb Server	1.1.1	Apache License 2.0
Kerby-kerb Util	1.0.1	Apache License 2.0
Kerby-kerb Util	1.1.1	Apache License 2.0
Kerby-kerb core	1.0.1	Apache License 2.0
Kerby-kerb core	1.1.1	Apache License 2.0
Kryo Shaded	3.0.3	BSD 3-clause "New" or "Revised" License
Kryo Shaded	4.0.2	BSD 3-clause "New" or "Revised" License
LZ4 Java	1.3.0	Apache License 2.0
LZ4 and xxHash	1.4.0	Apache License 2.0
LZ4 and xxHash	1.5.0	Apache License 2.0
LZ4 and xxHash	1.7.1	Apache License 2.0
Lodash	4.17.19	MIT License
Log Redactor	2.0.8	Apache License 2.0
Log4J API	2.10.0	Apache License 2.0
Log4J API	2.11.1	Apache License 2.0
Log4J API	2.4.1	Apache License 2.0
Log4J API	2.6.2	Apache License 2.0
Log4J API	2.9.1	Apache License 2.0
Log4J Compatibility API	2.10.0	Apache License 2.0
Log4J Compatibility API	2.4.1	Apache License 2.0
Log4J Compatibility API	2.6.2	Apache License 2.0
Logging	1.0.4	Apache License 2.0
Logging	1.1	Apache License 2.0
Lucene Analyzers	6.6.1	Apache License 2.0
Lucene Grouping	6.6.1	Apache License 2.0
Lucene Highlighter	6.6.1	Apache License 2.0
Lucene Join	6.6.1	Apache License 2.0
Lucene Memory	6.6.1	Apache License 2.0
Lucene Miscellaneous	6.6.1	Apache License 2.0
Lucene Queries	6.6.1	Apache License 2.0
Lucene Query Parser	6.6.1	Apache License 2.0
Lucene Sandbox	6.6.1	Apache License 2.0
Lucene Spatial	6.6.1	Apache License 2.0
Lucene Spatial 3D	6.6.1	Apache License 2.0
Lucene Spatial Extras	6.6.1	Apache License 2.0
Lucene Suggest	6.6.1	Apache License 2.0
MIME streaming extension	1.9.3	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
MX4J	3.0.2	MX4J License
MarkupSafe	1.1.0	BSD 3-clause "New" or "Revised" License
MarkupSafe	1.1.1	BSD 3-clause "New" or "Revised" License
Maven Artifact	3.0.4	Apache License 2.0
Maven Compatibility Layer	3.0-alpha-2	Apache License 2.0
Maven Model	3.0.4	Apache License 2.0
Maven Plugin API	3.0.4	Apache License 2.0
Maven Project	3.0-alpha-2	Apache License 2.0
Maven Shared Model	1.3	Apache License 2.0
Maven Wagon API	1.0-beta-4	Apache License 2.0
Metrics Core	3.1.0	Apache License 2.0
Metrics Core	3.1.2	Apache License 2.0
Metrics Core	3.1.5	Apache License 2.0
Metrics Core	3.2.4	Apache License 2.0
Metrics Core	4.1.1	Apache License 2.0
Metrics Core Library	2.2.0	Apache License 2.0
Metrics Integration with JMX	4.1.1	Apache License 2.0
Microsoft Azure SDK for Key Vault	1.0.0	MIT License
Microsoft JDBC Driver for SQL Server	6.2.1.jre7	MIT License
Microsoft Windows Azure Storage Client SDK	2.2.0	Apache License 2.0
Microsoft Windows Azure Storage Client SDK	7.0.0	Apache License 2.0
Mistune	0.8.4	BSD 3-clause "New" or "Revised" License
Mockito	1.8.2	MIT License
Mockito	v2.19.1	MIT License
MyBatis Generator Core	1.3.2	Apache License 2.0
MyBatis Generator Maven Plugin	1.3.2	Apache License 2.0

Component name	Component version name	License names
MySQL Connector/J	5.1.26	GNU General Public License v2.0 or later
Netty Project	3.10.5.Final	Apache License 2.0
Netty Project	3.10.6.Final	Apache License 2.0
Netty Project	3.2.2.Final	Apache License 2.0
Netty Project	3.6.2.Final	Apache License 2.0
Netty Project	3.7.0.Final	Apache License 2.0
Netty Project	3.8.0.Final	Apache License 2.0
Netty Project	3.9.9.Final	Apache License 2.0
Netty Project	4.0.29.Final	Apache License 2.0
Netty Project	4.0.42.Final	Apache License 2.0
Netty Project	4.0.43.Final	Apache License 2.0
Netty Project	4.0.52.Final	Apache License 2.0
Netty Project	4.1.13.Final	Apache License 2.0
Netty Project	4.1.17.Final	Apache License 2.0
Netty Project	4.1.42.Final	Apache License 2.0
Netty Project	netty-4.1.47.Final	Apache License 2.0
Netty Project	netty-4.1.51.Final	Apache License 2.0
Netty/Codec/Redis	4.1.19.Final	Apache License 2.0
Netty/Codec/SMTP	4.1.16.Final	Apache License 2.0
Netty/Transport/Native/KQueue	4.1.17.Final	Apache License 2.0
Netty/Transport/Native/Unix/Common	4.1.17.Final	Apache License 2.0
Nimbus-JOSE-JWT	4.41.1	Apache License 2.0
Nimbus-JOSE-JWT	7.9	Apache License 2.0
Ning-compress-LZF	1.0.3	Apache License 2.0
Notebook	5.7.8	BSD 3-clause "New" or "Revised" License
NumPy	1.14.3	BSD 3-clause "New" or "Revised" License
ORC Core	1.3.3	Apache License 2.0
ORC Core	1.4.1	Apache License 2.0
ORC Core	1.4.3	Apache License 2.0
ORC Core	1.5.1	Apache License 2.0
ORC Core	1.5.1.7.0.3.0-79	Apache License 2.0
ORC Core	1.5.1.7.1.5.0-257	Apache License 2.0
ORC Core	1.5.10	Apache License 2.0
ORC Core	1.5.2	Apache License 2.0
ORC MapReduce	1.4.1	Apache License 2.0
ORC MapReduce	1.5.10	Apache License 2.0
ORC MapReduce	1.5.2	Apache License 2.0
ORC Shims	1.5.1	Apache License 2.0
ORC Shims	1.5.1.7.0.3.0-79	Apache License 2.0
ORC Shims	1.5.1.7.1.5.0-257	Apache License 2.0
ORC Shims	1.5.10	Apache License 2.0
ORC Shims	1.5.2	Apache License 2.0
OSGi resource locator bundle - used by various API providers that rely on META-INF/services mechanism to locate providers.	1.0.1	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
OSGi resource locator bundle - used by various API providers that rely on META-INF/services mechanism to locate providers.	1.0.3	(Sun GPL With Classpath Exception v2.0 AND Eclipse Public License 2.0)
OkHttp	2.4.0	Apache License 2.0
OkHttp	2.7.5	Apache License 2.0
OkHttp	3.8.1	Apache License 2.0
OkHttp Logging Interceptor	3.8.1	Apache License 2.0
OkIO	1.13.0	Apache License 2.0
OkIO	1.4.0	Apache License 2.0
OkIO	1.6.0	Apache License 2.0
Open JSON	1.8	Apache License 2.0
OpenCensus	0.21.0	Apache License 2.0
OpenCensus	0.21.0	Apache License 2.0
Packaging	19.0	(Apache License 2.0 OR BSD 3-clause "New" or "Revised" License)
Packaging	19.1	(Apache License 2.0 OR BSD 3-clause "New" or "Revised" License)
ParaNamer Core	2.3	BSD 3-clause "New" or "Revised" License
ParaNamer Core	2.3-debug	BSD 3-clause "New" or "Revised" License
ParaNamer Core	2.6	BSD 3-clause "New" or "Revised" License
ParaNamer Core	2.8	BSD 3-clause "New" or "Revised" License
Parquet Column	1.6.0	Apache License 2.0
Parquet Hadoop	1.6.0rc7	Apache License 2.0
Parquet Jackson	1.6.0rc6	Apache License 2.0
Parquet Pig bundle	1.6.0	Apache License 2.0
Parquet Pig bundle	1.6.0rc3	Apache License 2.0
Pinot JSON	0.5.0	Apache License 2.0
Plexus	1.5.5	Apache License 2.0
Plexus Interpolation API	1.1	Apache License 2.0
PostgreSQL JDBC Driver (pgjdbc)	42.2.0	BSD 2-clause "Simplified" License
Protocol Buffer Java API	2.5.0	BSD 3-clause "New" or "Revised" License

Component name	Component version name	License names
Protocol Buffer Java API	3.9.0	BSD 3-clause "New" or "Revised" License
Py4J	0.10.1	BSD 3-clause "New" or "Revised" License
Py4J	0.10.4	BSD 3-clause "New" or "Revised" License
Py4J	0.10.6	BSD 3-clause "New" or "Revised" License
Py4J	0.10.7	BSD 3-clause "New" or "Revised" License
Py4J	0.10.9	BSD 3-clause "New" or "Revised" License
Py4J	0.8.2.1	BSD 3-clause "New" or "Revised" License
Py4J	0.9	BSD 3-clause "New" or "Revised" License
PyAstronomy	0.12.0	MIT License
PyHive	0.5.1	Apache License 2.0
PyHive	0.6.1	Apache License 2.0
PyPy	1.7.0	MIT License
PyTZ - Python Time Zone Library	2019.2	MIT License
PyYAML	3.13	MIT License
Pygments - Python syntax highlighter	2.4.0	BSD 3-clause "New" or "Revised" License
Pygments - Python syntax highlighter	2.4.2	BSD 3-clause "New" or "Revised" License
Pyparsing	2.4.2	MIT License
Python Testpath	0.3.1	MIT License
Python Testpath	0.4.2	BSD 3-clause "New" or "Revised" License
Python six	1.11.0	MIT License
Quartz Enterprise Job Scheduler	1.8.6	Apache License 2.0
RedBeardLab/rediSQL	untagged-34b612899dea29ebc850	MIT License
ReflectASM	1.10.1	BSD 3-clause "New" or "Revised" License
RoaringBitmap	0.4.5	Apache License 2.0
RoaringBitmap	0.4.9	Apache License 2.0
RoaringBitmap	0.5.11	Apache License 2.0
RoaringBitmap	0.7.45	Apache License 2.0
SLF4J API Module	1.7.16	MIT License
SLF4J API Module	1.7.25	MIT License
SLF4J API Module	1.7.5	MIT License
SLF4J Binding	2.10.0	Apache License 2.0
SLF4J Binding	2.4.1	Apache License 2.0
SLF4J Binding	2.6.2	Apache License 2.0
SLF4J LOG4J-12 Binding	1.7.10	MIT License
SLF4J LOG4J-12 Binding	1.7.16	MIT License
SLF4J LOG4J-12 Binding	1.7.25	MIT License
SLF4J LOG4J-12 Binding	1.7.5	MIT License
SLF4J Simple Binding	1.6.1	MIT License
SLF4J Simple Binding	1.7.25	MIT License
SQLAlchemy	1.2.7	MIT License
Scala	2.10.1	BSD 3-clause "New" or "Revised" License
Scala	2.10.4	BSD 3-clause "New" or "Revised" License
Scala	2.10.5	BSD 3-clause "New" or "Revised" License
Scala	2.11.11	BSD 3-clause "New" or "Revised" License
Scala	2.11.12	BSD 3-clause Clear License
Scala	2.11.7	BSD 3-clause "New" or "Revised" License
Scala	2.11.8	BSD 3-clause "New" or "Revised" License
Scala	2.12.8	Apache License 2.0
Scala	v2.12.10	Apache License 2.0
ScalaTest	2.2.6	Apache License 2.0
Schema Validator	5.8.0	Unknown License
SciPy: Scientific Library for Python	1.0.1	BSD 3-clause "New" or "Revised" License
ServiceLocator Default Implementation	2.4.0-b34	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
ServiceLocator Default Implementation	2.6.1	(Sun GPL With Classpath Exception v2.0 AND Eclipse Public License 2.0)
Sisu - Inject (JSR330 bean support)	2.3.0	(Apache License 2.0 AND Eclipse Public License 1.0)
Sisu - Inject (Plexus bean support)	2.3.0	Eclipse Public License 1.0
SnakeYAML	1.15	Apache License 2.0
SnakeYAML	1.17	Apache License 2.0
SnakeYAML	1.23	Apache License 2.0
SnakeYAML	1.24	Apache License 2.0
Spark Integration for Kafka 0.10	2.0.0	Apache License 2.0
Spark Integration for Kafka 0.10	2.1.1	Apache License 2.0
Spark Integration for Kafka 0.10	2.2.0	Apache License 2.0
Spark Integration for Kafka 0.10	2.3.0	Apache License 2.0
Spark Integration for Kafka 0.10	2.4.0	Apache License 2.0
Spark Integration for Kafka 0.10	3.0.0	Apache License 2.0
Spark Launcher Project	1.5.0	Apache License 2.0
Spark Launcher Project	1.6.0	Apache License 2.0
Spark Launcher Project	2.0.0	Apache License 2.0
Spark Launcher Project	2.1.1	Apache License 2.0
Spark Launcher Project	2.2.0	Apache License 2.0
Spark Launcher Project	2.3.0	Apache License 2.0

Component name	Component version name	License names
Spark Launcher Project	2.4.0	Apache License 2.0
Spark Project Catalyst	1.5.0	Apache License 2.0
Spark Project Catalyst	1.6.0	Apache License 2.0
Spark Project Catalyst	2.0.0	Apache License 2.0
Spark Project Catalyst	2.1.1	Apache License 2.0
Spark Project Catalyst	2.2.0	Apache License 2.0
Spark Project Catalyst	2.3.0	Apache License 2.0
Spark Project Catalyst	2.4.0	Apache License 2.0
Spark Project Catalyst	3.0.0	Apache License 2.0
Spark Project Core	2.0.0	Apache License 2.0
Spark Project Core	2.1.1	Apache License 2.0
Spark Project Core	2.2.0	Apache License 2.0
Spark Project Core	2.3.0	Apache License 2.0
Spark Project Core	2.4.0	Apache License 2.0
Spark Project Core	3.0.0	Apache License 2.0
Spark Project External Kafka	1.5.0	Apache License 2.0
Spark Project Hive	2.3.0	Apache License 2.0
Spark Project Hive Thrift Server	2.3.0	Apache License 2.0
Spark Project Kubernetes	2.3.0	Apache License 2.0
Spark Project Launcher	3.0.0	Apache License 2.0
Spark Project Local DB	2.3.0	Apache License 2.0
Spark Project Local DB	2.4.0	Apache License 2.0
Spark Project Local DB	3.0.0	Apache License 2.0
Spark Project ML Library	2.3.0	Apache License 2.0
Spark Project ML Local Library	2.3.0	Apache License 2.0
Spark Project Mesos	2.3.0	Apache License 2.0
Spark Project Networking	1.5.0	Apache License 2.0
Spark Project Networking	1.6.0	Apache License 2.0
Spark Project Networking	2.0.0	Apache License 2.0
Spark Project Networking	2.1.1	Apache License 2.0
Spark Project Networking	2.2.0	Apache License 2.0
Spark Project Networking	2.3.0	Apache License 2.0
Spark Project Networking	2.4.0	Apache License 2.0
Spark Project Networking	3.0.0	Apache License 2.0
Spark Project SQL	1.5.0	Apache License 2.0
Spark Project SQL	1.6.0	Apache License 2.0
Spark Project SQL	2.0.0	Apache License 2.0
Spark Project SQL	2.1.1	Apache License 2.0
Spark Project SQL	2.2.0	Apache License 2.0
Spark Project SQL	2.3.0	Apache License 2.0
Spark Project SQL	2.4.0	Apache License 2.0
Spark Project SQL	3.0.0	Apache License 2.0
Spark Project Shuffle Streaming Service	1.5.0	Apache License 2.0
Spark Project Shuffle Streaming Service	1.6.0	Apache License 2.0
Spark Project Shuffle Streaming Service	2.0.0	Apache License 2.0
Spark Project Shuffle Streaming Service	2.1.1	Apache License 2.0
Spark Project Shuffle Streaming Service	2.2.0	Apache License 2.0
Spark Project Shuffle Streaming Service	2.3.0	Apache License 2.0
Spark Project Shuffle Streaming Service	2.4.0	Apache License 2.0
Spark Project Shuffle Streaming Service	3.0.0	Apache License 2.0
Spark Project Sketch	2.0.0	Apache License 2.0
Spark Project Sketch	2.1.1	Apache License 2.0
Spark Project Sketch	2.2.0	Apache License 2.0
Spark Project Sketch	2.3.0	Apache License 2.0
Spark Project Sketch	2.4.0	Apache License 2.0
Spark Project Sketch	3.0.0	Apache License 2.0
Spark Project Streaming	1.5.0	Apache License 2.0
Spark Project Streaming	1.6.0	Apache License 2.0
Spark Project Streaming	2.0.0	Apache License 2.0
Spark Project Streaming	2.1.1	Apache License 2.0
Spark Project Streaming	2.2.0	Apache License 2.0
Spark Project Streaming	2.3.0	Apache License 2.0
Spark Project Streaming	2.4.0	Apache License 2.0
Spark Project Streaming	3.0.0	Apache License 2.0
Spark Project Tags	2.0.0	Apache License 2.0
Spark Project Tags	2.1.1	Apache License 2.0
Spark Project Tags	2.2.0	Apache License 2.0
Spark Project Tags	2.3.0	Apache License 2.0
Spark Project Tags	2.4.0	Apache License 2.0
Spark Project Tags	3.0.0	Apache License 2.0
Spark Project Unsafe	1.5.0	Apache License 2.0
Spark Project Unsafe	1.6.0	Apache License 2.0

Component name	Component version name	License names
Spark Project Unsafe	2.0.0	Apache License 2.0
Spark Project Unsafe	2.1.1	Apache License 2.0
Spark Project Unsafe	2.2.0	Apache License 2.0
Spark Project Unsafe	2.3.0	Apache License 2.0
Spark Project Unsafe	2.4.0	Apache License 2.0
Spark Project Unsafe	3.0.0	Apache License 2.0
Spark Project YARN Stable API	2.3.0	Apache License 2.0
Spatial4j	0.6	Apache License 2.0
Spring Framework	3.2.5	Apache License 2.0
Spring Framework	v4.3.29.RELEASE	Apache License 2.0
StAX	1.0-2	(GNU General Public License v3.0 only OR Common Development and Distribution License 1.0)
StAX	1.0.1	Apache License 2.0
Statistics	1.0.3.5	Apache License 2.0
Stax2 API	3.1.4	BSD 3-clause "New" or "Revised" License
Stormpot	2.4.1	Apache License 2.0
Super CSV	2.2.0	Apache License 2.0
System Rules	1.19.0	Common Public License 1.0
Tachyon Project POM	0.7.1	Apache License 2.0
Tachyon Project POM	0.8.2	Apache License 2.0
Tachyon Under File System - HDFS	0.7.1	Apache License 2.0
Tachyon Under File System - HDFS	0.8.2	Apache License 2.0
Tachyon Under File System - Local FS	0.7.1	Apache License 2.0
Tachyon Under File System - Local FS	0.8.2	Apache License 2.0
Tachyon Under File System - S3	0.8.2	Apache License 2.0
TestContainers :: JDBC	1.15.0	MIT License
TestContainers :: JDBC :: MySQL	1.15.0	MIT License
TestContainers :: JDBC :: PostgreSQL	1.15.0	MIT License
TestContainers :: elasticsearch	1.15.0	MIT License
TestContainers Core	1.15.0	MIT License
TestNG	6.9.9	Apache License 2.0
Testcontainers :: Database-Commons	1.15.0	MIT License
ThreeTen-extra	1.5.0	BSD 3-clause "New" or "Revised" License
Token provider	1.0.1	Apache License 2.0
Token provider	1.1.1	Apache License 2.0
Traitlets	4.3.2	BSD 3-clause "New" or "Revised" License
Type arithmetic library for Java5	1.4	Common Development and Distribution License 1.0
Uncommons Maths	1.2.2a	Apache License 2.0
Vert.x Unit	3.8.3	(Apache License 2.0 AND Eclipse Public License 1.0)
Visible Assertions	2.1.2	MIT License
Werkzeug	0.15.2	BSD 3-clause "New" or "Revised" License
Werkzeug	0.15.5	BSD 3-clause "New" or "Revised" License
WireMock	2.20.0	Apache License 2.0
WireMock	2.22.0	Apache License 2.0
Woodstox	3.2.6	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
Woodstox	5.0.3	Apache License 2.0
XBean :: Reflect	3.4	Apache License 2.0
XZ for Java	1.0	Public Domain
XZ for Java	1.4	Public Domain
aircompressor	0.10	Apache License 2.0
aircompressor	0.3	Apache License 2.0
aircompressor	0.8	Apache License 2.0
akka-actor	2.3.11	Apache License 2.0
akka-remote	2.3.11	Apache License 2.0
amqp	2.1.4	BSD 3-clause "New" or "Revised" License
atlas-client-common	2.1.0.7.1.5.0-257	Apache License 2.0
atlas-client-v2	2.1.0.7.1.5.0-257	Apache License 2.0
atomicwrites	1.3.0	MIT License
attrs-python	19.1.0	MIT License
azure-data-lake-store-java	2.2.3	MIT License
azure-data-lake-store-java	2.2.9	MIT License
backports.functools_lru_cache	1.5	MIT License
backports.shutil_get_terminal_size	1.0.0	MIT License
backports.shutil_get_terminal_size	1.0.0	MIT License
backports_abc	0.5	Python Software Foundation License 2.0
base64	2.3.8	Public Domain
beanvalidation-api	1.1.0.Final	Apache License 2.0
beanvalidation-api	2.0.1.Final	Apache License 2.0
body-parser	1.17.0	MIT License
body-parser	1.18.2	MIT License
boto3	1.9.128	Apache License 2.0
boto3	1.9.19	Apache License 2.0
botocore	1.12.214	Apache License 2.0

Component name	Component version name	License names
breeze-macros	0.13.2	Apache License 2.0
byte-buddy-agent	1.8.13	Apache License 2.0
bz2file	0.98	Apache License 2.0
c3p0:JDBC DataSources/Resource Pools	0.9.1.1	GNU Lesser General Public License v2.1 or later
celery	4.1.0	BSD 3-clause "New" or "Revised" License
celery/billiard	3.5.0.5	BSD 3-clause "New" or "Revised" License
celery/billiard	3.6.0.0	BSD 3-clause "New" or "Revised" License
cglib	2.2	Apache License 2.0
cglib	2.2.2	Apache License 2.0
chardet	3.0.4	GNU Lesser General Public License v2.1 only
chill	0.5.0	Apache License 2.0
chill	0.8.0	Apache License 2.0
chill	0.8.4	Apache License 2.0
chill	0.9.3	Apache License 2.0
chill	0.9.5	Apache License 2.0
chill-java	0.5.0	Apache License 2.0
chill-java	0.8.0	Apache License 2.0
chill-java	0.8.4	Apache License 2.0
chill-java	0.9.3	Apache License 2.0
chill-java	0.9.5	Apache License 2.0
chrisvfriz/vue-enterprise-boilerplate	master-20181216	MIT License
classworlds	2.4	Apache License 2.0
client_python	v0.5.0	Apache License 2.0
client_python	v0.7.1	Apache License 2.0
codemirror	5.37.0	MIT License
com.yahoo.datasketches:memory	0.9.0	Apache License 2.0
com.yahoo.datasketches:sketches-core	0.9.0	Apache License 2.0
commons-jexl	2.1.1	Apache License 2.0
compiler - com.github.spullara.mustache.java:compiler	0.9.3	Apache License 2.0
config - com.typesafe:config	1.2.1	Apache License 2.0
configparser	3.5.0	MIT License
contextlib2	0.5.5	Python Software Foundation License 2.0
core	1.1.2	BSD 3-clause "New" or "Revised" License
cron-utils	8.1.1	Apache License 2.0
curator-client	1.3.3	Apache License 2.0
curator-framework	1.3.3	Apache License 2.0
curator-test	1.3.3	Apache License 2.0
cx_Oracle	7.3.0	BSD 3-clause "New" or "Revised" License
debug	v2.6.3	MIT License
debug	v2.6.9	MIT License
decorator	4.4.0	BSD 3-clause "New" or "Revised" License
defusedxml	0.6.0	Python Software Foundation License 2.0
dnsjava	2.1.7	BSD 3-clause "New" or "Revised" License
docker-java-api	3.2.5	Apache License 2.0
docker-java-transport	3.2.5	Apache License 2.0
docker-java-transport-zeroconf	3.2.5	Apache License 2.0
eigen3-devel	3.3.3	Mozilla Public License 2.0
eigenbase-properties	1.1.4	Apache License 2.0
eigenbase-properties	1.1.5	Apache License 2.0
elasticsearch-rest-client	5.6.15	Apache License 2.0
empty	1.0.0	Apache License 2.0
entrypoints	0.3	MIT License
enum34	1.1.6	BSD 3-clause "New" or "Revised" License
error-prone annotations	2.3.2	Apache License 2.0
es6-promise	4.0.3	MIT License
express-form-data	2.0.0	MIT License
fastdtw	0.3.2	MIT License
fastdtw	0.3.2	MIT License
fbprophet	0.2.1	BSD 3-clause "New" or "Revised" License
fbprophet	0.2.1	BSD 3-clause "New" or "Revised" License
fest-util	1.1.6	Apache License 2.0
form-data	2.1.4	MIT License
funcsigs	1.0.2	Apache License 2.0
gatspy	0.3	BSD 3-clause "New" or "Revised" License
geometry-api-java	2.0.0	Apache License 2.0
geometry-api-java	2.2.0	Apache License 2.0
google-gson	2.2.4	Apache License 2.0
google-gson	2.7	Apache License 2.0
grizzly-framework	2.2.16	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
grizzly-http	2.2.16	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
grizzly-http-server	2.2.16	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
grizzly-http-servlet	2.2.16	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)

Component name	Component version name	License names
grizzly-rcm	2.2.16	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
hadoop-mapreduce-client-app	2.2.0	Apache License 2.0
hadoop-mapreduce-client-app	2.6.5	Apache License 2.0
hadoop-mapreduce-client-app	2.7.3	Apache License 2.0
hadoop-mapreduce-client-app	2.7.4	Apache License 2.0
hadoop-mapreduce-client-app	3.2.0	Apache License 2.0
hadoop-mapreduce-client-common	2.2.0	Apache License 2.0
hadoop-mapreduce-client-common	2.6.5	Apache License 2.0
hadoop-mapreduce-client-common	2.7.0	Apache License 2.0
hadoop-mapreduce-client-common	2.7.3	Apache License 2.0
hadoop-mapreduce-client-common	2.7.4	Apache License 2.0
hadoop-mapreduce-client-common	3.2.0	Apache License 2.0
hadoop-mapreduce-client-core	2.2.0	Apache License 2.0
hadoop-mapreduce-client-core	2.6.5	Apache License 2.0
hadoop-mapreduce-client-core	2.7.3	Apache License 2.0
hadoop-mapreduce-client-core	2.7.4	Apache License 2.0
hadoop-mapreduce-client-core	3.2.0	Apache License 2.0
hadoop-mapreduce-client-jobclient	2.2.0	Apache License 2.0
hadoop-mapreduce-client-jobclient	2.6.5	Apache License 2.0
hadoop-mapreduce-client-jobclient	2.7.3	Apache License 2.0
hadoop-mapreduce-client-jobclient	2.7.4	Apache License 2.0
hadoop-mapreduce-client-shuffle	2.2.0	Apache License 2.0
hadoop-mapreduce-client-shuffle	2.6.5	Apache License 2.0
hadoop-mapreduce-client-shuffle	2.7.3	Apache License 2.0
hadoop-mapreduce-client-shuffle	2.7.4	Apache License 2.0
hadoop-mapreduce-client-shuffle	3.2.0	Apache License 2.0
hadoop-shim	0.9.1	Apache License 2.0
hadoop-yarn-api	2.2.0	Apache License 2.0
hadoop-yarn-api	2.6.5	Apache License 2.0
hadoop-yarn-api	2.7.0	Apache License 2.0
hadoop-yarn-api	2.7.3	Apache License 2.0
hadoop-yarn-api	2.7.4	Apache License 2.0
hadoop-yarn-api	3.1.0	Apache License 2.0
hadoop-yarn-api	3.1.1.7.0.3.0-79	Apache License 2.0
hadoop-yarn-api	3.1.1.7.1.5.0-257	Apache License 2.0
hadoop-yarn-api	3.2.0	Apache License 2.0
hadoop-yarn-client	2.2.0	Apache License 2.0
hadoop-yarn-client	2.6.5	Apache License 2.0
hadoop-yarn-client	2.7.3	Apache License 2.0
hadoop-yarn-client	2.7.4	Apache License 2.0
hadoop-yarn-client	3.2.0	Apache License 2.0
hadoop-yarn-common	2.2.0	Apache License 2.0
hadoop-yarn-common	2.6.5	Apache License 2.0
hadoop-yarn-common	2.7.0	Apache License 2.0
hadoop-yarn-common	2.7.3	Apache License 2.0
hadoop-yarn-common	2.7.4	Apache License 2.0
hadoop-yarn-common	3.1.0	Apache License 2.0
hadoop-yarn-common	3.1.1.7.0.3.0-79	Apache License 2.0
hadoop-yarn-common	3.1.1.7.1.5.0-257	Apache License 2.0
hadoop-yarn-common	3.2.0	Apache License 2.0
hadoop-yarn-registry	3.1.0	Apache License 2.0
hadoop-yarn-registry	3.1.1.7.0.3.0-79	Apache License 2.0
hadoop-yarn-registry	3.1.1.7.1.5.0-257	Apache License 2.0
hadoop-yarn-registry	3.2.0	Apache License 2.0
hadoop-yarn-server-applicationhistoryservice	2.6.0	Apache License 2.0
hadoop-yarn-server-applicationhistoryservice	2.6.0.2.2.0.0-2041	Apache License 2.0
hadoop-yarn-server-common	2.2.0	Apache License 2.0
hadoop-yarn-server-common	2.6.0	Apache License 2.0
hadoop-yarn-server-common	2.6.0.2.2.0.0-2041	Apache License 2.0
hadoop-yarn-server-common	2.6.5	Apache License 2.0
hadoop-yarn-server-common	2.7.0	Apache License 2.0
hadoop-yarn-server-common	2.7.3	Apache License 2.0
hadoop-yarn-server-common	2.7.4	Apache License 2.0
hadoop-yarn-server-common	3.2.0	Apache License 2.0
hadoop-yarn-server-nodemanager	3.2.0	Apache License 2.0
hadoop-yarn-server-resourcemanager	2.6.0	Apache License 2.0
hadoop-yarn-server-web-proxy	2.4.0.2.1.10.0-881	Apache License 2.0
hadoop-yarn-server-web-proxy	2.6.0	Apache License 2.0
hadoop-yarn-server-web-proxy	2.7.0	Apache License 2.0
hadoop-yarn-server-web-proxy	2.7.3	Apache License 2.0
hadoop-yarn-server-web-proxy	3.2.0	Apache License 2.0
har-validator	2.0.2	ISC License

Component name	Component version name	License names
highcharts-export-server	2.0.16	MIT License
hive-cli	0.12.0	Apache License 2.0
hive-cli	1.1.0	Apache License 2.0
hive-cli	1.2.0	Apache License 2.0
hive-cli	2.1.0	Apache License 2.0
hive-cli	2.1.1	Apache License 2.0
hive-cli	2.2.0	Apache License 2.0
hive-cli	2.3.0	Apache License 2.0
hive-cli	2.3.1	Apache License 2.0
hive-cli	2.3.2	Apache License 2.0
hive-cli	2.3.3	Apache License 2.0
hive-cli	2.3.4	Apache License 2.0
hive-cli	3.0.0	Apache License 2.0
hive-cli	3.1.0	Apache License 2.0
hive-cli	3.1.2000.7.0.3.0-79	Apache License 2.0
hive-cli	3.1.3000.7.1.5.0-257	Apache License 2.0
hive-metastore	0.12.0	Apache License 2.0
hive-metastore	1.1.0	Apache License 2.0
hive-metastore	1.2.0	Apache License 2.0
hive-metastore	1.2.2	Apache License 2.0
hive-serde	0.12.0	Apache License 2.0
hive-serde	1.1.0	Apache License 2.0
hive-serde	1.2.0	Apache License 2.0
hive-serde	2.1.0	Apache License 2.0
hive-serde	2.1.1	Apache License 2.0
hive-serde	2.2.0	Apache License 2.0
hive-serde	2.3.0	Apache License 2.0
hive-serde	2.3.1	Apache License 2.0
hive-serde	2.3.2	Apache License 2.0
hive-serde	2.3.3	Apache License 2.0
hive-serde	2.3.4	Apache License 2.0
hive-serde	3.0.0	Apache License 2.0
hive-serde	3.1.0	Apache License 2.0
hive-serde	3.1.2000.7.0.3.0-79	Apache License 2.0
hive-serde	3.1.3000.7.1.5.0-257	Apache License 2.0
hive-shims	0.12.0	Apache License 2.0
hive-shims	1.1.0	Apache License 2.0
hive-shims	1.2.0	Apache License 2.0
hive-shims	2.1.0	Apache License 2.0
hive-shims	2.1.1	Apache License 2.0
hive-shims	2.2.0	Apache License 2.0
hive-shims	2.3.0	Apache License 2.0
hive-shims	2.3.1	Apache License 2.0
hive-shims	2.3.2	Apache License 2.0
hive-shims	2.3.3	Apache License 2.0
hive-shims	2.3.4	Apache License 2.0
hive-shims	3.0.0	Apache License 2.0
hive-shims	3.1.0	Apache License 2.0
hive-shims	3.1.2000.7.0.3.0-79	Apache License 2.0
hive-shims	3.1.3000.7.1.5.0-257	Apache License 2.0
htrace-core	3.0.4	Apache License 2.0
htrace-core	3.1.0-incubating	Apache License 2.0
htrace-core	4.0.1-incubating	Apache License 2.0
htrace-core	4.1.0-incubating	Apache License 2.0
httpstan	0.2.5	ISC License
iconv-lite	0.4.15	MIT License
iconv-lite	0.4.19	MIT License
idna	2.7	BSD 3-clause "New" or "Revised" License
idna	v2.8	BSD 3-clause "New" or "Revised" License
ikonli-fontawesome-pack	11.0.2	Apache License 2.0
importlib-metadata	0.19	Apache License 2.0
io.grpc.grpc-api	1.23.0	Apache License 2.0
io.grpc.grpc-context	1.23.0	Apache License 2.0
io.grpc.grpc-core	1.23.0	Apache License 2.0
io.grpc.grpc-stub	1.23.0	Apache License 2.0
io.grpc.grpc-testing	1.23.0	Apache License 2.0
ipaddress	1.0.22	Python Software Foundation License 2.3
ipykernel	4.10.0	BSD 3-clause "New" or "Revised" License
ipykernel	4.10.1	BSD 3-clause "New" or "Revised" License
ipython-genutils	0.2.0	BSD 3-clause "New" or "Revised" License
ipython_genutils	0.2.0	BSD 3-clause "New" or "Revised" License
ipywidgets	7.5.1	BSD 3-clause "New" or "Revised" License

Component name	Component version name	License names
istack common utility code runtime	2.11	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
itsdangerous	1.1.0	BSD 3-clause "New" or "Revised" License
jQuery UI (Combined Library)	1.9.1	MIT License
jackson-annotations	2.10.0	Apache License 2.0
jackson-annotations	2.10.3	Apache License 2.0
jackson-annotations	2.4.0	Apache License 2.0
jackson-annotations	2.4.4	Apache License 2.0
jackson-annotations	2.6.0	Apache License 2.0
jackson-annotations	2.6.5	Apache License 2.0
jackson-annotations	2.6.7	Apache License 2.0
jackson-annotations	2.7.0	Apache License 2.0
jackson-annotations	2.8.0	Apache License 2.0
jackson-annotations	2.8.9	Apache License 2.0
jackson-annotations	2.9.0	Apache License 2.0
jackson-annotations	2.9.4	Apache License 2.0
jackson-annotations	2.9.5	Apache License 2.0
jackson-annotations	2.9.9.redhat-00001	Apache License 2.0
jackson-core	1.0.1	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
jackson-core	1.9.1	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
jackson-core	1.9.11	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
jackson-core	1.9.13	Apache License 2.0
jackson-core	1.9.2	(GNU Lesser General Public License v2.1 or later OR Apache License 2.0)
jackson-core	2.10.0	Apache License 2.0
jackson-core	2.2.3	(GNU Lesser General Public License v2.1 or later AND Apache License 2.0)
jackson-core	2.4.2	Apache License 2.0
jackson-core	2.4.4	Apache License 2.0
jackson-core	2.6.5	Apache License 2.0
jackson-core	2.6.7	Apache License 2.0
jackson-core	2.7.4	Apache License 2.0
jackson-core	2.8.6	Apache License 2.0
jackson-core	2.8.9	Apache License 2.0
jackson-core	2.9.4	Apache License 2.0
jackson-core	2.9.5	Apache License 2.0
jackson-core	2.9.9	Apache License 2.0
jackson-databind	2.10.0	Apache License 2.0
jackson-databind	2.4.2	Apache License 2.0
jackson-databind	2.4.4	Apache License 2.0
jackson-databind	2.6.5	Apache License 2.0
jackson-databind	2.6.7.1	Apache License 2.0
jackson-databind	2.7.4	Apache License 2.0
jackson-databind	2.8.9	Apache License 2.0
jackson-databind	2.9.4	Apache License 2.0
jackson-databind	2.9.5	Apache License 2.0
jackson-databind	2.9.9	Apache License 2.0
jackson-dataformat-smile	2.8.6	Apache License 2.0
jackson-dataformat-yaml	2.10.3	Apache License 2.0
jackson-dataformat-yaml	2.6.7	Apache License 2.0
jackson-dataformat-yaml	2.8.6	Apache License 2.0
jackson-dataformat-yaml	2.8.9	Apache License 2.0
jackson-dataformat-yaml	2.9.8	Apache License 2.0
jackson-datatype-guava	2.8.9	Apache License 2.0
jackson-datatype-joda	2.1.0	Apache License 2.0
jackson-jaxrs-json-provider	2.10.5	Apache License 2.0
jackson-jaxrs-json-provider	2.7.8	Apache License 2.0
jackson-jaxrs-json-provider	2.9.10	Apache License 2.0
jackson-jaxrs-json-provider	2.9.5	Apache License 2.0
jackson-module-jaxb-annotations	1.8.5	(GNU Lesser General Public License v2.1 or later AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License)
jackson-module-jaxb-annotations	1.9.13	(GNU Lesser General Public License v2.1 or later AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License)
jackson-module-jaxb-annotations	1.9.2	(GNU Lesser General Public License v2.1 or later AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License)
jackson-module-jaxb-annotations	2.1.0	Apache License 2.0
jackson-module-jaxb-annotations	2.10.5	Apache License 2.0
jackson-module-jaxb-annotations	2.6.7	Apache License 2.0
jackson-module-jaxb-annotations	2.7.8	Apache License 2.0
jackson-module-jaxb-annotations	2.9.10	Apache License 2.0
jackson-module-jaxb-annotations	2.9.5	Apache License 2.0
jackson-module-scala	2.10.0	Apache License 2.0
jackson-module-scala	2.4.4	Apache License 2.0
jackson-module-scala	2.6.5	Apache License 2.0
jackson-module-scala	2.6.7.1	Apache License 2.0
jakarta.ws.rs-api	2.1.6	(Sun GPL With Classpath Exception v2.0 OR Eclipse Public License 2.0)

Component name	Component version name	License names
jakarta.xml.bind-api	2.3.2	Eclipse Distribution License - v 1.0
jansi	1.11	Apache License 2.0
jansi-native	1.5	Apache License 2.0
java-classmate	0.8.0	Apache License 2.0
java-xmlbuilder	0.4	Apache License 2.0
java-xmlbuilder	1.0	Apache License 2.0
java-xmlbuilder	1.1	Apache License 2.0
javax.annotation API	1.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
javax.inject:1 as OSGi bundle	2.6.1	(Sun GPL With Classpath Exception v2.0 AND Eclipse Public License 2.0)
javax.ws.rs-api	2.0.1	(Sun GPL With Classpath Exception v2.0 AND Eclipse Public License 2.0)
javalution	5.5.1	BSD 2-clause "Simplified" License
jersey-container-servlet	2.22.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-container-servlet	2.30	(GNU General Public License v2.0 w/Classpath exception OR Eclipse Public License 2.0)
jersey-container-servlet-core	2.22.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-container-servlet-core	2.30	(GNU General Public License v2.0 w/Classpath exception OR Eclipse Public License 2.0)
jersey-core-server	2.22.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-core-server	2.30	(GNU General Public License v2.0 w/Classpath exception OR Eclipse Public License 2.0)
jersey-grizzly2	1.18.3	(Common Development and Distribution License 1.1 AND Sun GPL With Classpath Exception v2.0)
jersey-grizzly2-servlet	1.18.3	(Common Development and Distribution License 1.1 AND Sun GPL With Classpath Exception v2.0)
jersey-json	1.10-b03	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-json	1.19	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-json	1.9	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-media-jaxb	2.22.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-media-jaxb	2.30	(MIT License AND BSD 2-clause "Simplified" License AND Sun GPL With Classpath Exception v2.0 AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License AND Public Domain AND Eclipse Public License 2.0 AND W3C Software Notice and License (2002-12-31))
jersey-multipart	1.19	(Common Development and Distribution License 1.1 AND Sun GPL With Classpath Exception v2.0)
jersey-repackaged-guava	2.22.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-server	1.18.3	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-server	1.19	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-server	1.9	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-servlet	1.11-b01	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-servlet	1.18.3	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jersey-servlet	1.19	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jerseyguice	1.11-b04	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jerseyguice	1.19	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jerseyguice	1.9	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)
jetty	6.1.26	Apache License 2.0
jetty-util	6.1.26	(Apache License 2.0 AND Eclipse Public License 1.0)
jmespath	0.9.4	MIT License
jolokia-jmx	1.5.0	Apache License 2.0
jpam	1.1	Apache License 2.0
jpathwatch	0.95	GNU General Public License v2.0 w/Classpath exception
jsocol's bleach	3.1.0	Apache License 2.0
json-path	2.4.0	Apache License 2.0
json-simple	1.1	Apache License 2.0
json-smart	2.3	Apache License 2.0
json4s	3.5.3	Apache License 2.0
json4s-ast	3.2.10	Apache License 2.0
json4s-ast	3.2.11	Apache License 2.0
json4s-ast	3.5.3	Apache License 2.0
json4s-ast	3.6.6	Apache License 2.0
json4s-core	3.2.10	Apache License 2.0
json4s-core	3.2.11	Apache License 2.0
json4s-core	3.5.3	Apache License 2.0
json4s-core	3.6.6	Apache License 2.0
json4s-jackson	3.2.10	Apache License 2.0
json4s-jackson	3.2.11	Apache License 2.0
json4s-jackson	3.5.3	Apache License 2.0
json4s-jackson	3.6.6	Apache License 2.0
json4s-scalap	3.6.6	Apache License 2.0
jsoup	1.10.1	MIT License
jsr311-api	1.1.1	Common Development and Distribution License 1.0
jsr330-api	0.9	Apache License 2.0
junit-dataprovider	1.10.0	Apache License 2.0
jupyter	1.0.0	BSD 3-clause "New" or "Revised" License
jupyter-client	5.3.1	BSD 3-clause "New" or "Revised" License
jupyter-console	5.2.0	BSD 3-clause "New" or "Revised" License
jupyter-core	4.5.0	BSD 3-clause "New" or "Revised" License
jupyter_client	5.3.0	BSD 3-clause "New" or "Revised" License
jupyter_core	4.1.1	BSD 3-clause "New" or "Revised" License
kombu	v4.1.0	BSD 3-clause "New" or "Revised" License
kosmosfs	0.3	Apache License 2.0

Component name	Component version name	License names
krb5/krb5	1.3.0	Apache License 2.0
kryo	2.21	BSD 3-clause "New" or "Revised" License
kryo	3.0.3	BSD 3-clause "New" or "Revised" License
lang-mustache	5.6.15	Apache License 2.0
leveldb-api	0.6	Apache License 2.0
leveldbjni	1.8	BSD 3-clause "New" or "Revised" License
leveldbjni-all	1.8	BSD 3-clause "New" or "Revised" License
libplexus-utils	1.5.6	Apache License 2.0
lzo-core	1.0.5	Apache License 2.0
machinist	0.6.1	MIT License
macro-compat	1.1.1	Apache License 2.0
matplotlib	2.2.2	MATPLOTLIB License 1.3.0 or Later
mime	1.3.4	MIT License
minimal-json	0.9.5	MIT License
minimist	0.0.8	MIT License
minlog	1.2	BSD 3-clause "New" or "Revised" License
minlog	1.3.0	BSD 3-clause "New" or "Revised" License
more-itertools	4.1.0	MIT License
more-itertools	5.0.0	MIT License
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pytest-dev/pytest-cov	v2.6.1	MIT License
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snappy-java	1.1.7.1	Apache License 2.0
snappy-java	1.1.7.2	Apache License 2.0
snappy-java	1.1.7.5	Apache License 2.0
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