

# **Cask Data Application Platform 6.1.4**

## **Cask Data Application Platform Level 1 Dependencies**

### **Cask Data Application Platform Level 1 Dependencies**

| Package                          | Artifact                     | License                     | License URL   |
|----------------------------------|------------------------------|-----------------------------|---|
| ch.qos.logback                   | logback-classic              | EPL                         | <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a>             |
| ch.qos.logback                   | logback-core                 | EPL                         | <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a>             |
| com.amazonaws                    | aws-java-sdk-core            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.amazonaws                    | aws-java-sdk-ec2             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.amazonaws                    | aws-java-sdk-emr             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.amazonaws                    | aws-java-sdk-kms             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.amazonaws                    | aws-java-sdk-s3              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.amazonaws                    | jmespath-java                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.fasterxml.jackson.core       | jackson-annotations          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.fasterxml.jackson.core       | jackson-core                 | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.fasterxml.jackson.core       | jackson-databind             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.fasterxml.jackson.dataformat | jackson-dataformat-cbor      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.fasterxml.jackson.module     | jackson-module-scala_2.10    | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.api-client            | google-api-client            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.apis                  | google-api-services-cloudkms | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.apis                  | google-api-services-compute  | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.cloud                 | google-cloud-dataproc        | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.code.findbugs         | jsr305                       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.code.gson             | gson                         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| com.google.guava                 | guava                        | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |

|                                 |                             |  |   |
|---------------------------------|-----------------------------|--|---|
| com.google.guava                | guava                       | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.google.http-client          | google-http-client-jackson2 | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.google.inject.extensions    | guice-assistedinject        | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.google.inject.extensions    | guice-multibindings         | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.google.inject               | guice                       | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.googlecode.concurrent-trees | concurrent-trees            | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.jcraft                      | jsch                        | Revised BSD  | <a href="http://www.jcraft.com/jsch/LICENSE.txt">http://www.jcraft.com/jsch/LICENSE.txt</a>                         |
| com.microsoft.azure             | azure-data-lake-store-sdk   | MIT License  | <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a> |
| com.microsoft.azure             | azure-storage               | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.ning                        | async-http-client           | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| com.sun.jersey                  | jersey-servlet              | Common Development and Distribution License (CDDL) | <a href="http://glassfish.java.net/public/CDDL+GPL_1_1.html">http://glassfish.java.net/public/CDDL+GPL_1_1.html</a> |
| commons-cli                     | commons-cli                 | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| commons-codec                   | commons-codec               | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| commons-codec                   | commons-codec               | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| commons-lang                    | commons-lang                | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| commons-logging                 | commons-logging             | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| io.cdap.cdap                    | cdap-api                    | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| io.cdap.cdap                    | cdap-api-common             | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| io.cdap.cdap                    | cdap-api-spark              | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| io.cdap.cdap                    | cdap-api-spark2_2.11        | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| io.cdap.cdap                    | cdap-app-fabric             | Apache License, Version 2.0                        | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |

|              |                            |                             |   |
|--------------|----------------------------|-----------------------------|---|
| io.cdap.cdap | cdap-authentication-client | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-cli                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-client                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-common                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-data-fabric           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-elastic               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-explore               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-explore-client        | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-formats               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-gateway               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-hbase-compat-1.0      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-hbase-compat-base     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-hbase-spi             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-master-spi            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-metadata-spi          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-proto                 | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-runtime-spi           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-securestore-spi       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-security              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-security-spi          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| io.cdap.cdap | cdap-spark-core            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |

|                |                       |                             |   |
|----------------|-----------------------|-----------------------------|---|
| io.cdap.cdap   | cdap-spark-core2_2.11 | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-spark-python     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-standalone       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-storage-spi      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-system-app-api   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-tms              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-ui               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-watchdog         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.cdap   | cdap-watchdog-api     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.common | common-cli            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.common | common-http           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.common | common-io             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.cdap.http   | netty-http            | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.kubernetes  | client-java           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.netty       | netty-all             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.netty       | netty-buffer          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.netty       | netty-codec-http      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.netty       | netty-handler         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| io.thekraken   | grok                  | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                     |
| javax.servlet  | javax.servlet-api     | CDDL 1.0                    | <a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a> |
| javax.ws.rs    | javax.ws.rs-api       | Best of CDDL and GPL 2.0    | <a href="http://glassfish.java.net/public/CDDL+GPL_1_1.html">http://glassfish.java.net/public/CDDL+GPL_1_1.html</a>               |

|                                |                                |                                   |   |
|--------------------------------|--------------------------------|-----------------------------------|---|
| jline                          | jline                          | BSD 3-Clause License              | <a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a> |
| joda-time                      | joda-time                      | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| junit                          | junit                          | Common Public License Version 1.0 | <a href="http://www.opensource.org/licenses/cpl1.0.txt">http://www.opensource.org/licenses/cpl1.0.txt</a>           |
| org.apache.avro                | avro                           | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.avro                | avro-mapred                    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.commons             | commons-compress               | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.commons             | commons-dbcp2                  | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.geronimo.components | geronimo-jaspi                 | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-annotations             | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-auth                    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-aws                     | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-azure                   | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-azure-datalake          | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-common                  | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-common                  | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-common                  | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-hdfs                    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-hdfs                    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-mapreduce-client-app    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-mapreduce-client-app    | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.apache.hadoop              | hadoop-mapreduce-client-common | Apache License, Version 2.0       | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |

|                   |                                   |                             |   |
|-------------------|-----------------------------------|-----------------------------|---|
| org.apache.hadoop | hadoop-mapreduce-client-common    | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-mapreduce-client-core      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-mapreduce-client-core      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-mapreduce-client-jobclient | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-mapreduce-client-jobclient | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-api                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-api                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-client                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-client                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-common                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-common                | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hadoop | hadoop-yarn-server-common         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-client                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-client                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-client                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-client                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-client                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-common                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-common                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-common                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase  | hbase-common                      | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |



|                           |                  |                             |   |
|---------------------------|------------------|-----------------------------|---|
| org.apache.hbase          | hbase-common     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-protocol   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-protocol   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-protocol   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-protocol   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-protocol   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-server     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-server     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-server     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-server     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hbase          | hbase-server     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hive           | hive-exec        | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hive           | hive-jdbc        | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hive           | hive-metastore   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.hive           | hive-service     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.httpcomponents | httpclient       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.httpcomponents | httpcore         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.kafka          | kafka_2.10       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark          | spark-core_2.10  | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark          | spark-core_2.11  | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark          | spark-mllib_2.10 | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |



|                   |                              |                             |   |
|-------------------|------------------------------|-----------------------------|---|
| org.apache.spark  | spark-mllib_2.11             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-repl_2.10              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-repl_2.11              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-sql_2.10               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-sql_2.11               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-streaming_2.10         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.spark  | spark-streaming_2.11         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.tephra | tephra-api                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.tephra | tephra-core                  | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.tephra | tephra-hbase-comp at-1.0     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.tephra | tephra-hbase-comp at-1.0-cdh | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.tephra | tephra-hbase-comp at-1.1     | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.thrift | libthrift                    | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-api                    | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-common                 | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-core                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-discovery-api          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-discovery-core         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-yarn                   | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.apache.twill  | twill-zookeeper              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a> |
| org.bouncycastle  | bcpkix-jdk15on               | Bouncy Castle Licence       | <a href="http://www.bouncycastle.org/licence.html">http://www.bouncycastle.org/licence.html</a>               |

|                          |                                      |                             |   |
|--------------------------|--------------------------------------|-----------------------------|---|
| org.bouncycastle         | bcprov-jdk15on                       | Bouncy Castle Licence       | <a href="http://www.bouncycastle.org/licence.html">http://www.bouncycastle.org/licence.html</a>                     |
| org.eclipse.jetty        | jetty-jaspi                          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.eclipse.jetty        | jetty-plus                           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.eclipse.jetty        | jetty-security                       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.eclipse.jetty        | jetty-server                         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.eclipse.jetty        | jetty-util                           | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.elasticsearch.client | elasticsearch-rest-high-level-client | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.iq80.leveldb         | leveldb                              | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.jboss.resteasy       | resteasy-guice                       | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.jboss.resteasy       | resteasy-servlet-initializer         | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.ow2.asm              | asm-all                              | BSD 3-Clause License        | <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a>                                       |
| org.quartz-scheduler     | quartz                               | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.quartz-scheduler     | quartz-jobs                          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| org.scala-lang           | scala-library                        | BSD 3-Clause License        | <a href="http://www.scala-lang.org/license.html">http://www.scala-lang.org/license.html</a>                         |
| org.scala-lang           | scala-library                        | BSD 3-Clause License        | <a href="http://www.scala-lang.org/license.html">http://www.scala-lang.org/license.html</a>                         |
| org.slf4j                | jcl-over-slf4j                       | MIT License                 | <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a> |
| org.slf4j                | jul-to-slf4j                         | MIT License                 | <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a> |
| org.slf4j                | slf4j-api                            | MIT License                 | <a href="http://www.slf4j.org/license.html">http://www.slf4j.org/license.html</a>                                   |
| org.xerial.snappy        | snappy-java                          | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |
| software.amazon.ion      | ion-java                             | Apache License, Version 2.0 | <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>       |