## **Cask Data Application Platform 2.7.0**

**Cask Data Application Platform Standalone Dependencies** 

## Cask Data Application Platform Standalone Dependencies

| Package   | Version | Classifier | License                        | License URL  |
|---|---------|------------|--------------------------------|--|
| antlr.antlr-2.7.7.jar   | 2.7.7   | -          | ANTLR 3 License (BSD License)  | http://www.antlr2.org/license.html                         |
| aopalliance.aopallianc<br>e-1.0.jar                                 | 1.0     | -          | Public Domain                  | http://aopalliance.sourceforge.net/                        |
| c3p0.c3p0-0.9.1.1.jar   | 0.9.1.1 | -          | EPL, LGPLv2                    |  |
| ch.qos.logback.logback<br>-classic-1.0.9.jar                        | 1.0.9   | -          | LGPL and EPL                   | http://www.gnu.org/licenses/old-lice<br>nses/lgpl-2.1.html |
| ch.qos.logback.logback<br>-core-1.0.9.jar                           | 1.0.9   | -          | LGPL and EPL                   | http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html     |
| com.clearspring.analyti<br>cs.stream-2.7.0.jar                      | 2.7.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.codahale.metrics.<br>metrics-core-3.0.0.jar                     | 3.0.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.codahale.metrics.<br>metrics-graphite-3.0.0.j<br>ar             | 3.0.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.codahale.metrics.<br>metrics-json-3.0.0.jar                     | 3.0.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.codahale.metrics.<br>metrics-jvm-3.0.0.jar                      | 3.0.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.esotericsoftware.k<br>ryo.kryo-2.21.jar                         | 2.21    | -          | New BSD License                | http://www.opensource.org/licenses<br>/bsd-license.php     |
| com.esotericsoftware.<br>minlog.minlog-1.2.jar                      | 1.2     | -          | New BSD License                | http://www.opensource.org/licenses<br>/bsd-license.php     |
| com.fasterxml.jackson.<br>core.jackson-annotatio<br>ns-2.3.0.jar    | 2.3.0   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.fasterxml.jackson.<br>core.jackson-core-2.3.1<br>.jar           | 2.3.1   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.fasterxml.jackson.<br>core.jackson-databind-<br>2.3.1.jar       | 2.3.1   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.github.stephenc.hi<br>gh-scale-lib.high-scale-l<br>ib-1.1.1.jar | 1.1.1   | -          | Public Domain                  |  |
| com.google.code.findb<br>ugs.jsr305-2.0.1.jar                       | 2.0.1   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |
| com.google.code.gson.<br>gson-2.2.4.jar                             | 2.2.4   | -          | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html        |

| com.google.guava.guav<br>a-13.0.1.jar                              | 13.0.1 | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
|--|--------|---------|---|---|
| com.google.inject.exte<br>nsions.guice-assistedinj<br>ect-3.0.jar  | 3.0    | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.google.inject.exte<br>nsions.guice-multibindi<br>ngs-3.0.jar   | 3.0    | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.google.inject.guice<br>-3.0.jar                                | 3.0    | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.google.protobuf.p<br>rotobuf-java-2.5.0.jar                    | 2.5.0  | -       | BSD 2                                     | http://opensource.org/licenses/bsd-license.php      |
| com.googlecode.concu<br>rrent-trees.concurrent-<br>trees-2.4.0.jar | 2.4.0  | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.jamesmurty.utils.j<br>ava-xmlbuilder-0.4.jar                   | 0.4    | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.jcraft.jsch-0.1.42.ja<br>r                                     | 0.1.42 | -       | BSD style                                 | http://www.jcraft.com/jsch/LICENSE.txt              |
| com.jolbox.bonecp-0.8.<br>0.RELEASE.jar                            | 0.8.0  | RELEASE | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.ning.async-http-cli<br>ent-1.7.18.jar                          | 1.7.18 | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.ning.compress-lzf-<br>1.0.0.jar                                | 1.0.0  | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.thoughtworks.par<br>anamer.paranamer-2.3.<br>jar               | 2.3    | -       | Public Domain (but<br>BSD because of ASM) |   |
| com.twitter.chill-java-0<br>.5.0.jar                               | 0.5.0  | -       |   |   |
| com.twitter.chill_2.10-0<br>.5.0.jar                               | 0.5.0  | -       |   |   |
| com.typesafe.config-1.<br>2.1.jar                                  | 1.2.1  | -       |   |   |
| com.yammer.metrics.<br>metrics-annotation-2.2.<br>0.jar            | 2.2.0  | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| com.yammer.metrics.<br>metrics-core-2.1.2.jar                      | 2.1.2  | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-beanutils.co<br>mmons-beanutils-1.7.0.<br>jar              | 1.7.0  | -       | Apache License,<br>Version 2.0            | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |

| commons-beanutils.co<br>mmons-beanutils-core-<br>1.8.3.jar  | 1.8.3  | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
|---|--------|-------|--|---|
| commons-cli.commons<br>-cli-1.2.jar                         | 1.2    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-codec.comm<br>ons-codec-1.6.jar                     | 1.6    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-collections.c<br>ommons-collections-3.<br>2.1.jar   | 3.2.1  | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-configuratio<br>n.commons-configurati<br>on-1.6.jar | 1.6    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-digester.com<br>mons-digester-1.8.jar               | 1.8    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-httpclient.co<br>mmons-httpclient-3.1.j<br>ar       | 3.1    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-io.commons-<br>io-2.4.jar                           | 2.4    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-lang.commo<br>ns-lang-2.5.jar                       | 2.5    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-logging.com<br>mons-logging-1.1.1.jar               | 1.1.1  | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| commons-net.common<br>s-net-3.1.jar                         | 3.1    | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| io.netty.netty-3.6.6.Fin<br>al.jar                          | 3.6.6  | Final | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| io.netty.netty-all-4.0.23<br>.Final.jar                     | 4.0.23 | Final | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| it.unimi.dsi.fastutil-6.5.<br>6.jar                         | 6.5.6  | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| javax.activation.activat<br>ion-1.1.jar                     | 1.1    | -     | Common Development<br>And Distribution<br>License (CCDL) | http://opensource.org/licenses/CDD<br>L-1.0         |
| javax.annotation.jsr250<br>-api-1.0.jar                     | 1.0    | -     | CCDL 1.0   | https://glassfish.java.net/public/CDD<br>Lv1.0.html |
| javax.inject.javax.inject<br>-1.jar                         | 1      | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| javax.jdo.jdo-api-3.0.1.j<br>ar                             | 3.0.1  | -     | Apache License,<br>Version 2.0                           | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| javax.mail.mail-1.4.1.ja<br>r                               | 1.4.1  | -     | CCDL 1.0   | https://glassfish.java.net/public/CDD<br>Lv1.0.html |

| javax.servlet.javax.servl<br>et-api-3.0.1.jar | 3.0.1   | - | CCDL 1.0                                    | https://glassfish.dev.java.net/public/<br>CDDL+GPL.html |
|---|---------|---|---|---|
| javax.transaction.jta-1.<br>1.jar             | 1.1     | - | CCDL 1.0                                    | http://opensource.org/licenses/cddl<br>1.php            |
| javax.ws.rs.javax.ws.rs-<br>api-2.0.jar       | 2.0     | - | Best of CDDL and GPL<br>2.0                 | http://glassfish.java.net/public/CDDL<br>+GPL_1_1.html  |
| javax.xml.bind.jaxb-api<br>-2.1.jar           | 2.1     | - | Best of CDDL 1.1 and<br>GPL 2.0             |   |
| jdk.tools.jdk.tools-1.7.j<br>ar               | 1.7     | - |   |   |
| jline.jline-2.12.jar                          | 2.12    | - | The BSD License                             | http://www.opensource.org/licenses/bsd-license.php      |
| joda-time.joda-time-2.1<br>.jar               | 2.1     | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| log4j.log4j-1.2.16.jar                        | 1.2.16  | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| native  |         | - |   |   |
| net.java.dev.jets3t.jets3<br>t-0.9.0.jar      | 0.9.0   | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| net.jcip.jcip-annotation<br>s-1.0.jar         | 1.0     | - | Creative Commons<br>Attribution License     | http://creativecommons.org/licenses/by/2.5              |
| net.jpountz.lz4.lz4-1.2.0<br>.jar             | 1.2.0   | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| net.sf.jopt-simple.jopt-<br>simple-3.2.jar    | 3.2     | - | The MIT License                             | http://www.opensource.org/licenses<br>/mit-license.php  |
| net.sf.jpam.jpam-1.1.ja<br>r                  | 1.1     | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| net.sf.py4j.py4j-0.8.2.1.j<br>ar              | 0.8.2.1 | - | The New BSD License                         | http://www.opensource.org/licenses<br>/bsd-license.html |
| org.antlr.ST4-4.0.4.jar                       | 4.0.4   | - | BSD License                                 | http://antlr.org/license.html                           |
| org.antlr.antlr-runtime-<br>3.4.jar           | 3.4     | - | ANTLR 3 License (BSD License)               | http://www.antlr3.org/license.html                      |
| org.antlr.stringtemplat<br>e-3.2.1.jar        | 3.2.1   | - | BSD License                                 | http://antlr.org/license.html<                          |
| org.apache.ant.ant-1.9.<br>1.jar              | 1.9.1   | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.apache.ant.ant-lau<br>ncher-1.9.1.jar     | 1.9.1   | - | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.apache.avro.avro-1<br>.6.2.jar            | 1.6.2   | - | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt      |
| org.apache.avro.avro-i<br>pc-1.6.2.jar        | 1.6.2   | - | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt      |

| org.apache.avro.avro-i<br>pc-1.7.7-tests.jar                             | 1.7.7     | tests   |   |   |
|--|-----------|---------|---|---|
| org.apache.avro.avro-<br>mapred-1.6.2.jar                                | 1.6.2     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.avro.avro-<br>mapred-1.7.7-hadoop2.<br>jar                    | 1.7.7     | hadoop2 |   |   |
| org.apache.commons.c<br>ommons-compress-1.4.<br>1.jar                    | 1.4.1     | -       | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.commons.c<br>ommons-lang3-3.3.2.jar                           | 3.3.2     | -       | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.commons.c<br>ommons-math3-3.1.1.j<br>ar                       | 3.1.1     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.curator.cur<br>ator-client-2.4.0.jar                          | 2.4.0     | -       | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.curator.cur<br>ator-framework-2.4.0.ja<br>r                   | 2.4.0     | -       | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.curator.cur<br>ator-recipes-2.4.0.jar                         | 2.4.0     | -       | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.derby.derb<br>y-10.10.1.1.jar                                 | 10.10.1.1 | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.flume.flum<br>e-ng-configuration-1.2.<br>0.jar                | 1.2.0     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.flume.flum<br>e-ng-core-1.2.0.jar                             | 1.2.0     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.flume.flum<br>e-ng-sdk-1.2.0.jar                              | 1.2.0     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.geronimo.c<br>omponents.geronimo-j<br>aspi-2.0.0.jar          | 2.0.0     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.geronimo.s<br>pecs.geronimo-annotat<br>ion_1.0_spec-1.1.1.jar | 1.1.1     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.geronimo.s<br>pecs.geronimo-jaspic_1<br>.0_spec-1.1.jar       | 1.1       | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.geronimo.s<br>pecs.geronimo-jta_1.1_<br>spec-1.1.1.jar        | 1.1.1     | -       | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |

| org.apache.hadoop.ha<br>doop-annotations-2.3.0<br>.jar             | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
|--|--------|---|--------------------------------|---|
| org.apache.hadoop.ha<br>doop-auth-2.3.0.jar                        | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-common-2.3.0.jar                      | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-hdfs-2.3.0.jar                        | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-mapreduce-client<br>-common-2.3.0.jar | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-mapreduce-client<br>-core-2.3.0.jar   | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-yarn-api-2.3.0.jar                    | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-yarn-client-2.3.0.j<br>ar             | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-yarn-common-2.3<br>.0.jar             | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hadoop.ha<br>doop-yarn-server-com<br>mon-2.3.0.jar      | 2.3.0  | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-a<br>nt-0.13.0.jar                            | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-c<br>ommon-0.13.0.jar                         | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-jd<br>bc-0.13.0.jar                           | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-m<br>etastore-0.13.0.jar                      | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-se<br>rde-0.13.0.jar                          | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-se rvice-0.13.0.jar                           | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.hive-sh<br>ims-0.13.0.jar                          | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.hive.shims.<br>hive-shims-common-0.<br>13.0.jar         | 0.13.0 | - | Apache License,<br>Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |

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| org.apache.hive.shims.<br>hive-shims-common-se<br>cure-0.13.0.jar  | 0.13.0 | -                   | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.httpcompo<br>nents.httpclient-4.2.5.j<br>ar             | 4.2.5  | -                   | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.httpcompo<br>nents.httpcore-4.2.5.jar                   | 4.2.5  | -                   | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.mesos.mes<br>os-0.18.1-shaded-proto<br>buf.jar          | 0.18.1 | shaded-pr<br>otobuf | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.spark.spark<br>-core_2.10-1.2.0.jar                     | 1.2.0  | -                   |   |   |
| org.apache.spark.spark<br>-network-common_2.1<br>0-1.2.0.jar       | 1.2.0  | -                   |   |   |
| org.apache.spark.spark<br>-network-shuffle_2.10-1<br>.2.0.jar      | 1.2.0  | -                   |   |   |
| org.apache.thrift.libfb3<br>03-0.9.0.jar                           | 0.9.0  | -                   | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.thrift.libthri<br>ft-0.9.0.jar                          | 0.9.0  | -                   | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.twill.twill-a<br>pi-0.4.0-incubating.jar                | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-c<br>ommon-0.4.0-incubatin<br>g.jar         | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-c<br>ore-0.4.0-incubating.jar               | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-di<br>scovery-api-0.4.0-incub<br>ating.jar  | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-di<br>scovery-core-0.4.0-incu<br>bating.jar | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-y<br>arn-0.4.0-incubating.jar               | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.twill.twill-z<br>ookeeper-0.4.0-incubat<br>ing.jar      | 0.4.0  | incubatin<br>g      | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.apache.velocity.vel<br>ocity-1.5.jar                           | 1.5    | -                   | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt  |
| org.apache.xbean.xbea<br>n-reflect-3.6.jar                         | 3.6    | -                   | Apache License,<br>Version 2.0              | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |

| org.codehaus.jackson.j<br>ackson-core-asl-1.8.8.ja<br>r           | 1.8.8  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
|---|--------|---------------|--|---|
| org.codehaus.jackson.j<br>ackson-jaxrs-1.8.8.jar                  | 1.8.8  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.codehaus.jackson.j<br>ackson-mapper-asl-1.8.<br>8.jar         | 1.8.8  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.codehaus.jackson.j<br>ackson-xc-1.8.8.jar                     | 1.8.8  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.datanucleus.datan<br>ucleus-api-jdo-3.2.6.jar                 | 3.2.6  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.datanucleus.datan<br>ucleus-core-3.2.10.jar                   | 3.2.10 | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.datanucleus.datan<br>ucleus-rdbms-3.2.9.jar                   | 3.2.9  | -             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html |
| org.eclipse.jetty.aggreg<br>ate.jetty-all-7.6.0.v2012<br>0127.jar | 7.6.0  | v2012012<br>7 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-c<br>ontinuation-8.1.15.v201<br>40411.jar | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-h<br>ttp-8.1.15.v20140411.ja<br>r         | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-io<br>-8.1.15.v20140411.jar               | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-ja<br>spi-8.1.15.v20140411.ja<br>r        | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-jn<br>di-8.1.15.v20140411.jar             | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-pl<br>us-8.1.15.v20140411.jar             | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-s<br>ecurity-8.1.15.v2014041<br>1.jar     | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-s<br>erver-8.1.15.v20140411.<br>jar       | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-s<br>ervlet-8.1.15.v20140411<br>.jar      | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |
| org.eclipse.jetty.jetty-u<br>til-8.1.15.v20140411.jar             | 8.1.15 | v2014041<br>1 | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html       |

| org.eclipse.jetty.jetty-w<br>ebapp-8.1.15.v2014041<br>1.jar                                | 8.1.15 | v2014041<br>1     | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html           |
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| org.eclipse.jetty.jetty-x<br>ml-8.1.15.v20140411.jar                                       | 8.1.15 | v2014041<br>1     | Eclipse Public License<br>Version 1.0 + AL, V2 | http://www.eclipse.org/legal/epl-v10<br>.html           |
| org.eclipse.jetty.orbit.ja<br>vax.activation-1.1.0.v20<br>1105071233.jar                   | 1.1.0  | v2011050<br>71233 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.eclipse.jetty.orbit.ja<br>vax.mail.glassfish-1.4.1.<br>v201005082020.jar               | 1.4.1  | v2010050<br>82020 | CCDL 1.0                                       | https://glassfish.dev.java.net/public/<br>CDDL+GPL.html |
| org.eclipse.jetty.orbit.ja<br>vax.security.auth.mess<br>age-1.0.0.v20110801111<br>6.jar    | 1.0.0  | v2011080<br>11116 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.eclipse.jetty.orbit.ja<br>vax.servlet-3.0.0.v20111<br>2011016.jar                      | 3.0.0  | v2011120<br>11016 | CCDL 1.0                                       | https://glassfish.dev.java.net/public/<br>CDDL+GPL.html |
| org.eclipse.jetty.orbit.ja<br>vax.transaction-1.1.1.v2<br>01105210645.jar                  | 1.1.1  | v2011052<br>10645 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.iq80.leveldb.leveld<br>b-0.6.jar   | 0.6    | -                 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.iq80.leveldb.leveld<br>b-api-0.6.jar   | 0.6    | -                 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.iq80.snappy.snapp<br>y-0.2.jar   | 0.2    | -                 | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.jamon.jamon-runti<br>me-2.3.1.jar  | 2.3.1  | -                 | Mozilla public license<br>1.1                  | http://www.mozilla.org/MPL/1.1/ind ex.txt               |
| org.jboss.resteasy.asyn<br>c-http-servlet-3.0-3.0.8.<br>Final.jar                          | 3.0    | 3.0.8.Final       | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
| org.jboss.resteasy.jaxrs<br>-api-3.0.8.Final.jar   | 3.0.8  | Final             | Apache License,<br>Version 2.0                 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.html     |
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| org.jboss.spec.javax.an<br>notation.jboss-annotati<br>ons-api_1.1_spec-1.0.1.<br>Final.jar | 1.0.1  | Final             | Best of CDDL and GPL<br>2.0                    | https://glassfish.java.net/public/CDD<br>L+GPL_1_1.html |

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| 2.3.4  | spark   |   |  |
| 2.3.4  | spark   |   |  |
| 2.3.4  | spark   |   |  |
|        | 3.2.10 3.2.10 6.1.22 6.1.26 1.2 4.0 2.2.0 2.2.0 0.4.5 2.10.1 2.10.4 2.10.1 2.10.0 1.7.2 1.7.5 1.7.5 2.3.4 | 3.2.10 - 3.2.10 - 6.1.22 - 6.1.26 - 1.2 - 4.0 - 2.2.0 - 2.2.0 - 0.4.5 - 2.10.1 - 2.10.4 - 1.7.2 - 1.7.5 - 1.7.5 - 1.7.5 - 2.3.4 spark | License, Version 2.0                                   |

|  |       | 1     | 1   |  |
|--|-------|-------|---|--|
| org.spark-project.proto<br>buf.protobuf-java-2.5.0<br>-spark.jar | 2.5.0 | spark |   |  |
| org.spark-project.pyroli<br>te-2.0.1.jar                         | 2.0.1 | -     | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt |
| org.spark-project.spark<br>.unused-1.0.0.jar                     | 1.0.0 | -     |   |  |
| org.tachyonproject.tac<br>hyon-0.5.0.jar                         | 0.5.0 | -     | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt |
| org.tachyonproject.tac<br>hyon-client-0.5.0.jar                  | 0.5.0 | -     | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt |
| org.tukaani.xz-1.0.jar   | 1.0   | -     | Public Domain                               |  |
| org.uncommons.maths<br>.uncommons-maths-1.<br>2.2a.jar           | 1.2.2 | a     | The Apache Software<br>License, Version 2.0 | http://www.apache.org/licenses/LIC<br>ENSE-2.0.txt |
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| oro.oro-2.0.8.jar  | 2.0.8 | -     | Apache License,<br>Version 1.1              | http://www.apache.org/licenses/LIC<br>ENSE-1.1     |
| stax.stax-api-1.0.1.jar  | 1.0.1 | -     | GPL and CCDL                                | http://www.gnu.org/licenses/gpl.txt                |
| xmlenc.xmlenc-0.52.jar   | 0.52  | -     | BSD 2                                       | http://opensource.org/licenses/bsd-license.php     |