

## Pentaho CDH510 SHIM 7.1.0.0 Open Source Software Packages

Contact Information:

Project Manager  
Pentaho CDH510 SHIM  
Hitachi Vantara Corporation  
2535 Augustine Drive  
Santa Clara, California 95054

Name of Product/Product Component	Version	License
Annotation 1.0	1.1.1	Apache License Version 2.0
Antlr 3.4 Runtime	3.4	ANTLR License
ANTLR, ANother Tool for Language Recognition	2.7.7	ANTLR License
AOP Alliance (Java/J2EE AOP standard)	1.0	Public Domain
Apache Ant Core	1.9.1	Apache License Version 2.0
Apache Ant Launcher	1.9.1	Apache License Version 2.0
Apache Commons BeanUtils	1.9.3	Apache License Version 2.0
Apache Commons CLI	1.2	Apache License Version 2.0
Apache Commons Lang	2.6	Apache License Version 2.0
Apache Commons Lang	3.1	Apache License Version 2.0
Apache Directory API ASN.1 API	1.0.0-M20	Apache License Version 2.0

Name of Product/Product Component	Version	License
Apache Directory LDAP API Utilities	1.0.0-M20	Apache License Version 2.0
Apache Extras for Apache log4j	1.2.17	Apache License Version 2.0
Apache Groovy	2.4.4	Apache License Version 2.0
Apache HttpComponents Core	4.0.1	Apache License Version 2.0
Apache Jakarta Commons Compress	1.4.1	Apache License Version 2.0
Apache Jakarta Commons Configuration	1.6	Apache License Version 2.0
Apache Jakarta Commons Digester	1.8	Apache License Version 2.0
Apache Jakarta Commons EL	1.0	Apache 1.1
Apache Jakarta Commons HttpClient	3.0.1	Apache License Version 2.0
Apache Jakarta Commons HttpClient	4.2.5	Apache License Version 2.0
Apache Jakarta Commons Logging	1.1.3	Apache License Version 2.0
Apache Jakarta Commons Math	3.1.1	Apache License Version 2.0
Apache Log4j	1.2.17	Apache License Version 2.0
Apache ORO	2.0.8	Apache 1.1

Name of Product/Product Component	Version	License
Apache Thrift	0.9.3	Apache License Version 2.0
Apache Velocity	1.5	Apache License Version 2.0
Apache Xerces Java XML Parser	2.9.1	Apache License Version 2.0
ApacheDS I18n	2.0.0-M15	Apache License Version 2.0
ApacheDS Protocol Kerberos Codec	2.0.0-M15	Apache License Version 2.0
Apache-Jakarta Codec	1.4	Apache License Version 2.0
Apache-Jakarta DBCP	1.4	Apache License Version 2.0
Apache-Jakarta Net	3.1	Apache License Version 2.0
Apache-Jakarta Pool	1.5.4	Apache License Version 2.0
ASM All	3.2	ASM License
ASM Commons	3.1	ASM License
ASM Tree	3.1	ASM License
Automaton	1.11-8	automation.bsd.2.0
avro-1.7.6-cdh5.10.0	1.7.6-cdh5.10.0	Apache License Version 2.0

Name of Product/Product Component	Version	License
AWS Java SDK for Amazon S3	1.10.6	Apache License Version 2.0
AWS Java SDK for AWS KMS	1.10.6	Apache License Version 2.0
AWS Java SDK for AWS STS	1.10.6	Apache License Version 2.0
AWS SDK for Java - Core	1.10.6	Apache License Version 2.0
BoneCP :: Core Library	0.8.0.RELEASE	Apache License Version 2.0
Calcite Avatica	1.0.0-incubating	Apache License Version 2.0
Calcite Core	1.0.0-incubating	Apache License Version 2.0
Calcite Linq4j	1.0.0-incubating	Apache License Version 2.0
Code Generation Library - CGLIB	2.2.1-v20090111	Apache License Version 2.0
Commons Compiler - org.codehaus.janino:commons-compiler	2.7.6	Janino License
Commons IO	2.4	Apache License Version 2.0
Curator Client - org.apache.curator:curator-client	2.6.0	Apache License Version 2.0
Curator Framework	2.6.0	Apache License Version 2.0
Curator Recipes	2.6.0	Apache License Version 2.0

Name of Product/Product Component	Version	License
DataNucleus - datanucleus-accessplatform	3.2.1	Apache License Version 2.0
DataNucleus Core	3.2.10	Apache License Version 2.0
DataNucleus RDBMS	3.2.9	Apache License Version 2.0
Derby aka Cloudscape	10.11.1.1	Apache License Version 2.0
eigenbase-properties	1.1.4	Apache License Version 2.0
FindBugs-jsr305 - com.google.code.findbugs:jsr305	3.0.0	Apache License Version 2.0
google-guice	3.0	Apache License Version 2.0
Gson	2.2.4	Apache License Version 2.0
guice-servlet	3.0-20100907	Apache License Version 2.0
hadoop-annotations-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-auth-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-aws-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-client-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-common-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0

Name of Product/Product Component	Version	License
hadoop-hdfs-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-mapreduce-client-app-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-mapreduce-client-common-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-mapreduce-client-core-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-mapreduce-client-shuffle-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-yarn-api-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-yarn-client-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-yarn-common-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-yarn-server-common-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hadoop-yarn-server-resourcemanager-2.6.0-cdh5.10.0	2.6.0-cdh5.10.0	Apache License Version 2.0
hbase-client-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-common-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-examples-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-hadoop-compat-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0

<b>Name of Product/Product Component</b>	<b>Version</b>	<b>License</b>
hbase-prefix-tree-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-protocol-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-server-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hbase-thrift-1.2.0-cdh5.10.0	1.2.0-cdh5.10.0	Apache License Version 2.0
hive-ant-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-common-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-exec-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-jdbc-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-metastore-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-serde-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-service-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-shims-0.23-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-shims-common-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0
hive-shims-scheduler-1.1.0-cdh5.10.0	1.1.0-cdh5.10.0	Apache License Version 2.0

Name of Product/Product Component	Version	License
htrace-core	3.1.0-incubating	Apache License Version 2.0
htrace-core4-4.0.1-incubating for CDH5 shim	4-4.0.1-incubating	Apache License Version 2.0
Ivy	2.4.0	Apache License Version 2.0
Jackson -High-performance JSON-processor	1.9.2-ASL	Apache License Version 2.0
Jackson-annotations	2.3.0	Apache License Version 2.0
Jackson-core	2.3.1	Apache License Version 2.0
jackson-databind	2.3.1	Apache License Version 2.0
jamon-runtime	2.3.1	Mozilla Public License 1.1
Janino	2.7.6	Janino License
jasper-compiler	5.5.23	Apache License Version 2.0
jasper-runtime	5.5.23	Apache License Version 2.0
Java Authentication SPI for Containers	1.0	Apache License Version 2.0
Java StringTemplate	3.2.1	StringTemplate.bsd.2.0
Java Transaction API	1.1	Common Development and Distribution License 1.0



Name of Product/Product Component	Version	License
JavaBeans Activation Framework (JAF)	1.1	Sun JavaBeans Activation Framework 1.1 License for Redistributable Code
JavaMail API	1.4.1	Common Development and Distribution License 1.0
JavaServlet Specification	2.5	Apache License Version 2.0
javax.inject	1	Apache License Version 2.0
JAXB 2.0 Project	2.2.3-u1	Common Development and Distribution License 1.1
JAXB API bundle for GlassFish V3	2.2.2	Common Development and Distribution License 1.1
JDO API	3.0.1	Apache License Version 2.0
jersey-client	1.9	jersey.cddl.1.1
jersey-core	1.9	jersey.cddl.1.1
Jettison	1.1	Apache License Version 2.0
Jetty - Java HTTP Servlet Server	6.1.26	Apache License Version 2.0
Jetty :: Aggregate :: All core Jetty	7.6.0.v20120127	Apache License Version 2.0
Jetty Transport	6.1.26.cloudera.4	Common Public Attribution License 1.0
JLine	2.12	jline.bsd.3.clause

<b>Name of Product/Product Component</b>	<b>Version</b>	<b>License</b>
Joda-Time	2.8.1	Apache License Version 2.0
JPam	1.1	Apache License Version 2.0
jsp-api	2.1	Apache License Version 2.0
JSR-311 - JAX-RS - The Java API for RESTful Web Services (Jersey)	1.14	Common Development and Distribution License 1.0
JSR-311 - JAX-RS - The Java API for RESTful Web Services (Jersey)	1.9	Common Development and Distribution License 1.0
JTA 1.1	1.1.1	Apache License Version 2.0
JVM Integration for Metrics	3.0.2	Apache License Version 2.0
leveldbjni-all	1.8	leveldbjni.all.BSD.2.0
metrics	3.0.2	Apache License Version 2.0
Metrics Core	3.0.2	Apache License Version 2.0
Metrics Core Library	2.2.0	Apache License Version 2.0
oozie-client-4.1.0-cdh5.10.0	4.1.0-cdh5.10.0	Apache License Version 2.0
oozie-core-4.1.0-cdh5.10.0	4.1.0-cdh5.10.0	Apache License Version 2.0
opencsv	2.3	Apache License Version 2.0

Name of Product/Product Component	Version	License
ParaNamer Core	2.3	paranamer.bsd.2.0
parquet-hadoop-bundle-1.5.0-cdh5.10.0	1.5.0-cdh5.10.0	Apache License Version 2.0
pig-0.12.0-cdh5.10.0	0.12.0-cdh5.10.0	Apache License Version 2.0
Protocol Buffer Java API	2.5.0	protobuf.bsd.3.clause
SLF4J - org.slf4j:slf4j-parent	1.7.5	slf4j License
SLF4J API Module	1.7.5	slf4j License
snappy-java	snappy-java-1.0.4.1	Apache License Version 2.0
sqoop-1.4.6-cdh5.10.0	1.4.6-cdh5.10.0	Apache License Version 2.0
Streaming API for XML (StAX) - JSR-173	1.0.1	Apache License Version 2.0
Streaming API for XML (StAX) - JSR-173	1.0-2	Apache License Version 2.0
The Netty Project	3.10.5.Final	Apache License Version 2.0
The Netty Project	4.0.23.Final	Apache License Version 2.0
Xml Compatibility extensions for Jackson	1.8.8	LGPL 2.1
xmlenc	0.52	xmlenc.bsd.3.clause

Name of Product/Product Component	Version	License
XZ for Java	1.0	Public Domain
zookeeper-3.4.5-cdh5.10.0	3.4.5-cdh5.10.0	Apache License Version 2.0

The text of the open source software licenses listed in this document is provided in the Open Source Software License Terms document on [www.hitachivantara.com](http://www.hitachivantara.com).

Note that the source code for packages licensed under the GNU General Public License or similar type of license that requires the licensor to make the source code publicly available ("GPL Software") may be available for download as indicated. If the source code for GPL Software is not included in the software or available for download, please send requests for source code for GPL Software to the contact person listed above for this product.

The material in this document is provided "AS IS," without warranty of any kind, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement. Unless specified in an applicable open source license, access to this material grants you no right or license, express or implied, statutorily or otherwise, under any patent, trade secret, copyright, or any other intellectual property right of Hitachi Vantara Corporation ("HITACHI"). HITACHI reserves the right to change any material in this document, and any information and products on which this material is based, at any time, without notice. HITACHI shall have no responsibility or liability to any person or entity with respect to any damages, losses, or costs arising from the materials contained herein.