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# Preface

This document identifies the licences for the software installed on Oracle Big Data Appliance.

## Audience

This document is intended for all owners of Oracle Big Data Appliance.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at  
<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Related Documents

For more information, see the Big Data documentation library at

[http://docs.oracle.com/cd/E41604\\_01/index.htm](http://docs.oracle.com/cd/E41604_01/index.htm)



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# Oracle Big Data Appliance Software Licensing

Oracle Big Data Appliance is an engineered system optimized for acquiring, organizing, and analyzing big data. It combines optimized hardware components with new software solutions to deliver a complete big data solution.

This chapter describes the licensing and technical support of software installed on Oracle Big Data Appliance. It contains these topics:

- [Big Data Appliance Software Installation](#)
- [Software Licensing](#)

## Big Data Appliance Software Installation

Oracle Big Data Appliance software is installed in two stages:

- [Factory-Installed Image](#)
- [On-Site Software Installation](#)

### Factory-Installed Image

The Oracle Linux operating system and various configuration utilities are factory-installed on Oracle Big Data Appliance servers. Your license to use them is included with your purchase of the appliance.

### On-Site Software Installation

An Oracle Customer Service Representative downloads all applications software for Oracle Big Data Appliance. Some of this software is included in the Oracle Big Data Appliance licensing agreement, while other software is licensed separately.

You must specify whether to install separately licensed and optional software components when completing the Oracle Big Data Appliance Configuration Generation Utility.

## Software Licensing

The software downloaded to Oracle Big Data Appliance is protected by these licenses:

- [Integrated Software](#)
- [Oracle Big Data Connectors](#)
- [Separately Licensed Software](#)
- [Software Modifications](#)

## Integrated Software

The following table summarizes the licensing and support of integrated software included with your purchase of Oracle Big Data Appliance. The licenses are only for use of the software on Oracle Big Data Appliance. You cannot move or copy the software to another system.

Software	License	Support
Oracle Linux	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Java HotSpot Virtual Machine	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Cloudera's Distribution including Apache Hadoop	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Cloudera Manager	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
MySQL Database Standard Edition	Restricted use <sup>1</sup>	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Oracle NoSQL Database Community Edition	GNU Affero General Public License Version 3 (AGPLv3)	None <sup>1</sup>
Oracle R Distribution	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Perfect Balance <sup>2</sup>	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems

<sup>1</sup> See the *Oracle Software License Agreement ("SLA") and Entitlement for Hardware Systems with Integrated Software Options*

<sup>2</sup> Oracle software for Oracle Big Data Appliance

## Oracle Big Data Connectors

The system software requires a separate license for Oracle Big Data Connectors:

- Oracle Loader for Hadoop
- Oracle Data Integrator Application Adapter for Hadoop
- Oracle R Advanced Analytics for Hadoop
- Oracle SQL Connector for Hadoop Distributed File System
- Oracle XQuery for Hadoop

Oracle Big Data Connectors must be licensed for all processors of a Hadoop cluster. When installed on a single Hadoop cluster, Oracle Big Data Connectors must be licensed on all processors. When installed on multiple Hadoop clusters, Oracle Big Data Connectors must be licensed on all processors of the clusters where the connectors are used.

For example, you might configure Oracle Big Data Appliance with three six-node clusters:

- Cluster 1 uses Oracle SQL Connector for HDFS.

- Cluster 2 uses Oracle XQuery for Hadoop.
- Cluster 3 does not use any Oracle Big Data Connector component.

For this configuration, you must license Oracle Big Data Connectors for the processors on 12 nodes (clusters 1 and 2).

The individual components are available only as part of the Oracle Big Data Connectors license. The components are not licensed individually.

**Restricted Use License:** Oracle Data Integrator as part of Oracle Big Data Connectors is restricted for use on Oracle Big Data Appliance with Cloudera CDH targets or Oracle NoSQL Database targets residing on Oracle Big Data Appliance. Any usage of Oracle Data Integrator outside of Oracle Big Data Appliance requires a full license for Oracle Data Integrator Enterprise Edition.

## Separately Licensed Software

This software requires a separate license. Support is provided under Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems.

- Oracle NoSQL Database Enterprise Edition

## Software Modifications

Modifications to the software installed on Oracle Big Data Appliance can result in a loss of warranty and support.

See the *Oracle Big Data Appliance Owner's Guide* for specific restrictions.



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## Third-Party Licenses

This chapter contains licensing information about third-party products installed on Oracle Big Data Appliance. It contains the following topics:

- [Offer to Provide Source Code](#)
- [Cloudera Products](#)
- [Java HotSpot Virtual Machine](#)
- [MySQL Database Standard Edition](#)
- [Oracle Integrated Lights Out Manager \(ILOM\)](#)
- [Oracle Linux](#)
- [Oracle NoSQL Database](#)
- [Puppet](#)
- [Oracle R Distribution](#)
- [ROracle](#)
- [Sun Datacenter InfiniBand Switch 36](#)
- [Sun Network QDR InfiniBand Gateway](#)

### Offer to Provide Source Code

For third-party technology that you receive from Oracle in binary form, which is licensed under an open source license that gives you the right to receive the source code for that binary, you may be able to obtain a copy of the applicable source code by visiting:

<http://oss.oracle.com/systems-opensourcecode>

The source code for some software components of Oracle Big Data Appliance is readily available at the locations identified in [Table 2–1](#).

**Table 2–1 Location of Source Code**

Software	Source Code Location
Cloudera's Distribution including Apache Hadoop	All Oracle Big Data Appliance servers in directory /opt/oss/src/CDH/4.4.0
Java HotSpot Virtual Machine <sup>1</sup>	All Oracle Big Data Appliance servers in zip file /usr/java/jdk1.7.0_45/src.zip

**Table 2-1 (Cont.) Location of Source Code**

Software	Source Code Location
MySQL Community Edition	<a href="http://dev.mysql.com/downloads/mysql/">http://dev.mysql.com/downloads/mysql/</a> <sup>1</sup>
Open Source R	All Oracle Big Data Appliance servers in directory <code>/opt/oss/src/OracleR/</code>
Oracle Hardware Installation Assistant	<a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Under Servers and Storage Systems, expand <b>x86 Servers and Blades</b> , and then select <b>Sun Server X4-2</b> , <b>Sun Server X3-2</b> , or <b>Sun Server X3-2L</b> .
Oracle Integrated Lights Out Manager	<a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Under Servers and Storage Systems, expand <b>x86 Servers and Blades</b> , and then select <b>Sun Server X4-2</b> , <b>Sun Server X3-2</b> , or <b>Sun Server X3-2L</b> .
Oracle Linux	<a href="http://oss.oracle.com/ol6/">http://oss.oracle.com/ol6/</a>
Puppet	All Oracle Big Data Appliance servers in directory <code>/opt/oss/src/puppet/</code>
Sun Datacenter InfiniBand Switch 36	<a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Networking, and then select Sun Datacenter InfiniBand Switch 36.
Sun Network QDR InfiniBand Gateway	<a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Networking, and then select Sun Datacenter InfiniBand GW Switch.

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February 1999

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29 June 2007

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from <http://aspell.sourceforge.net/test/batch0.tab>.

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compiler/cpp/src/generate/t_erl_generator.cc
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compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h
compiler/cpp/src/platform.h
compiler/cpp/src/thriftl.ll
compiler/cpp/src/thrifty.yy
lib/csharp/src/Protocol/TBinaryProtocol.cs
lib/csharp/src/Protocol/TField.cs
lib/csharp/src/Protocol/TList.cs
lib/csharp/src/Protocol/TMap.cs
lib/csharp/src/Protocol/TMessage.cs
lib/csharp/src/Protocol/TMessageType.cs
lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
lib/csharp/src/Protocol/TSet.cs
lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
lib/csharp/src/Server/TServer.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TThreadPoolServer.cs
lib/csharp/src/TApplicationException.cs
lib/csharp/src/Thrift.csproj
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
```

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```
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
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## dk.briks.automaton 1.11-1

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## haivvreo 10.7-cdh4

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## Hector-core 0.8.0-2

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## **hsqldb 1.8.0.7/1.8.0.10**

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### **Jackson JSON library 1.8.3, 1.8.8, 1.93**

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Steve Souza, Principal Consultant

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## javaEWAH 0.3

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## Javassist 3.15.0 GA

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## JAXB API Reference Implementation 2.1.12, 2.2.2, 2.2.3, 2.2.4

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Streaming API for XML (JSR-173) Specification Reference Implementation

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## **JCraft JSch 0.1.38, 0.1.42, 0.1.43, 0.1.44-1**

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Roman V. Kiseliov  
Russia  
Kursk  
Libknecht St., 4  
+7(0712)56-09-83  
[roman@kiseliov.ru](mailto:roman@kiseliov.ru)  
Subject: pyExelerator

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## SammyJS 0.7.1

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## Simple Logging Facade for Java/SLF4J 1.5.11, 1.6.0, 1.6.1

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## simplejson 2.0.9, 2.1.2

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## snakeYAML 1.1.0, 1.6, 1.8

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## Snappy for Java 1.0.3.2, 1.0.4.1

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## **Spawning 0.9.6**

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## StAX 2 API Woodstox Implementation 3.1.1, 4.1.4

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## Streaming API for XML (StAX) 1.0.1, 1.0.2

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## StringTemplate 3.1, 3.2

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## urllib2-kerberos 0.1.6

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## Usertype for Hibernate Parent 3.0.0

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## Watchmaker Framework for Evolutionary Computation 0.6.2

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## Web Services Description Language for Java Toolkit (WSDL4J) 1.6.2

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## XML Pull Parser (xpp3) 1.1.4c

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## xmlenc 0.52

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## **unzip.h -- IO for uncompress .zip files using zlib**

Version 1.01e, February 12th, 2005

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This unzip package allow extract file from .ZIP file, compatible with PKZip 2.04g WinZip, InfoZip tools and compatible.

Multi volume ZipFile (span) are not supported.

Encryption compatible with pkzip 2.04g only supported

Old compressions used by old PKZip 1.x are not supported

I WAIT FEEDBACK at mail info@winimage.com

Visit also <http://www.winimage.com/zLibD11/unzip.htm> for evolution

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**February 1999**

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signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

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## Additional Third-Party Licenses for Oracle Big Data Appliance 2.4

This chapter contains additional licensing information about third-party products installed on Oracle Big Data Appliance 2.3. It contains the following topics:

- [Cloudera's Distribution including Apache Hadoop \(CDH\) 4.4](#)
- [Cloudera Search 1.0](#)
- [Cloudera Manager 4.7](#)
- [Cloudera Navigator](#)
- [Cloudera Impala](#)

### Cloudera's Distribution including Apache Hadoop (CDH) 4.4

[Table 3-1](#) lists the third-party licenses for CDH 4.4.

**Table 3-1 CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
A Midsummer Night's Dream by Shakespeare	N/A	Public Domain	<a href="http://www.gutenberg.org/dirs/etext98/2ws1710.txt">http://www.gutenberg.org/dirs/etext98/2ws1710.txt</a>
Alice's Adventures in Wonderland by Lewis Carroll	N/A	Project Gutenberg License	<a href="http://www.gutenberg.org/cache/epub/11/pg11.txt">http://www.gutenberg.org/cache/epub/11/pg11.txt</a>
aho-corasick	2.x	BSD Like	<a href="https://github.com/jmhsieh/aho-corasick">https://github.com/jmhsieh/aho-corasick</a>
Ant-Contrib	1.0b3	Apache 2.0	<a href="http://ant-contrib.sourceforge.net/">http://ant-contrib.sourceforge.net/</a>
Ant-eclipse	1.0-jvm1.2	Apache 2.0	<a href="http://ant-eclipse.sourceforge.net/">http://ant-eclipse.sourceforge.net/</a>
ANTLR	2.7.6, 2.7.7, 3.0.1, 3.2, 3.4	BSD	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
Apache ActiveMQ	5.7.0	Apache 2.0	<a href="http://activemq.apache.org/">http://activemq.apache.org/</a>
Apache Ant	1.5, 1.6.5, 1.7.1, 1.8.1	Apache 1.1	<a href="http://ant.apache.org/">http://ant.apache.org/</a>
Apache Avro	1.5.0, 1.7.3	Apache 2.0	<a href="http://avro.apache.org/">http://avro.apache.org/</a>
Apache Bigtop	(Cloudera Distribution)	Apache 2.0	<a href="http://bigtop.apache.org/">http://bigtop.apache.org/</a>
Apache Cassandra	1.1.2	Apache 2.0	<a href="http://cassandra.apache.org/">http://cassandra.apache.org/</a>
Apache Jakarta / Commons Beanutils	1.7.0, 1.8.3	Apache 2.0	<a href="http://commons.apache.org/beanutils/">http://commons.apache.org/beanutils/</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
Apache Commons command line options parser	1.2	Apache 2.0	<a href="http://commons.apache.org/cli/">http://commons.apache.org/cli/</a>
Apache Jakarta / Commons Codec	1.2, 1.6	Apache 2.0	<a href="http://commons.apache.org/codec/">http://commons.apache.org/codec/</a>
Apache Commons Collections	3.2.1	Apache 2.0	<a href="http://commons.apache.org/collections/">http://commons.apache.org/collections/</a>
Apache Commons Compress	1.4, 1.4.1	Apache 2.0	<a href="http://commons.apache.org/proper/commons-compress/">http://commons.apache.org/proper/commons-compress/</a>
Apache Commons CSV	3.5.0	Apache 2.0	<a href="http://commons.apache.org/proper/commons-csv/">http://commons.apache.org/proper/commons-csv/</a>
Apache Commons EL	v1.0	Apache 2.0	<a href="http://commons.apache.org/el/">http://commons.apache.org/el/</a>
Apache Commons Exec	1.1	Apache 2.0	<a href="http://commons.apache.org/proper/commons-exec/">http://commons.apache.org/proper/commons-exec/</a>
Apache Commons Modules		Apache 2.0	<a href="http://commons.apache.org/">http://commons.apache.org/</a>
Apache Commons IO Library	2.0.1, 2.4	Apache 2.0	<a href="http://commons.apache.org/io/">http://commons.apache.org/io/</a>
Apache Commons JSP 2.0 Expression Language Interpreter		Apache 2.0	<a href="http://commons.apache.org/el/">http://commons.apache.org/el/</a>
Apache Commons language library		Apache 2.0	<a href="http://commons.apache.org/lang/">http://commons.apache.org/lang/</a>
Apache Commons logging library	1.1.1	Apache 2.0	<a href="http://commons.apache.org/logging/">http://commons.apache.org/logging/</a>
Apache Derby	10.3.2.2, 10.4.2.0, 10.6.1.0, 10.8.2.2	Apache 2.0	<a href="http://db.apache.org/derby/">http://db.apache.org/derby/</a>
Apache Flume	(Cloudera Distribution)	Apache 2.0	<a href="http://flume.apache.org">http://flume.apache.org</a>
Apache FtpServer	1	Apache 2.0	<a href="http://mina.apache.org/ftpserver/index.html">http://mina.apache.org/ftpserver/index.html</a>
Apache Geronimo	1.0, 1.0.1, 1.1.1	Apache 2.0	<a href="http://geronimo.apache.org">http://geronimo.apache.org</a>
Apache Hadoop	(Cloudera Distribution)	Apache 2.0	<a href="http://hadoop.apache.org">http://hadoop.apache.org/</a>
Apache Hama	0.4.0-incubating	Apache 2.0	<a href="http://incubator.apache.org/hama/">http://incubator.apache.org/hama/</a>
Apache HBase	(Cloudera Distribution)	Apache 2.0	<a href="http://hbase.apache.org">http://hbase.apache.org/</a>
Apache Hcatalog (Incubating)	(Cloudera Distribution)	Apache 2.0	<a href="http://incubator.apache.org/hcatalog/">http://incubator.apache.org/hcatalog/</a>
Apache Hive (Cloudera Distribution)		Apache 2.0	<a href="http://hive.apache.org">http://hive.apache.org/</a>
Apache HttpComponents	4.1.3, 4.2.1	Apache 2.0	<a href="http://hc.apache.org">http://hc.apache.org/</a>
Apache Ivy	2.2	Apache 2.0	<a href="http://ant.apache.org/ivy/">http://ant.apache.org/ivy/</a>
Jakarta Oro	2.0.8	Apache 1.1	<a href="http://jakarta.apache.org/oro/">http://jakarta.apache.org/oro/</a>
Apache Java Data Objects		Apache 2.0	<a href="http://db.apache.org/jdo/">http://db.apache.org/jdo/</a>
Apache Log4J	1.1, 1.2.17, 1.2.9	Apache 1.1 / 2.0	<a href="http://logging.apache.org/log4j/1.2/index.html">http://logging.apache.org/log4j/1.2/index.html</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
Apache Lucene	(Cloudera Distribution)	Apache 2.0	<a href="http://lucene.apache.org/core/">http://lucene.apache.org/core/</a>
Apache Mahout	(Cloudera Distribution)	Apache 2.0	<a href="http://mahout.apache.org/">http://mahout.apache.org/</a>
Apache MINA	2.0.4	Apache 2.0	<a href="http://mina.apache.org/">http://mina.apache.org/</a>
Apache Oozie	(Cloudera Distribution)	Apache 2.0	<a href="http://incubator.apache.org/oozie/">http://incubator.apache.org/oozie/</a>
Apache Pig	(Cloudera Distribution)	Apache 2.0	<a href="http://pig.apache.org/">http://pig.apache.org/</a>
Apache PigUnit	0.9	Apache 2.0	<a href="http://pig.apache.org/">http://pig.apache.org/</a>
Apache Rat	0.6	Apache 2.0	<a href="http://creadur.apache.org/rat/">http://creadur.apache.org/rat/</a>
Apache Sqoop	1.4.2, 1.99.1	Apache 2.0	<a href="http://sqoop.apache.org">http://sqoop.apache.org</a>
Apache Solr	(Cloudera Distribution)	Apache 2.0	
Apache Thrift libraries for Java	0.9.0	Apache 2.0	<a href="http://incubator.apache.org/thrift/">http://incubator.apache.org/thrift/</a>
Apache Tomcat	6.0.36	Apache 2.0	<a href="http://tomcat.apache.org/">http://tomcat.apache.org/</a>
Apache Tomcat Jasper JSP engine	5.5.23, 6.0.32	Apache 2.0	<a href="http://tomcat.apache.org/tomcat-4.1-doc/jasper-howto.html">http://tomcat.apache.org/tomcat-4.1-doc/jasper-howto.html</a>
Apache Tomcat JSP API	2-1-6.1.14	Apache 2.0	<a href="http://tomcat.apache.org/">http://tomcat.apache.org/</a>
Apache Tomcat Servlet API	24	Apache 2.0	<a href="http://tomcat.apache.org/">http://tomcat.apache.org/</a>
Apache Velocity	1.5, 1.7	Apache 2.0	<a href="http://velocity.apache.org/">http://velocity.apache.org/</a>
Apache Whirr	(Cloudera Distribution)	Apache 2.0	<a href="http://whirr.apache.org/">http://whirr.apache.org/</a>
Apache Xerces J	1.3.4, 2.6.1, 2.9.1, 2.10.0	Apache 1.1 / 2.0	<a href="http://xerces.apache.org/xerces-j/">http://xerces.apache.org/xerces-j/</a>
Apache Xerces XML Commons	1.3.04	Apache 2.0	<a href="http://xerces.apache.org/xml-commons/">http://xerces.apache.org/xml-commons/</a>
Apache XML API Containers		Apache 2.0	<a href="http://xerces.apache.org/xml-commons/">http://xerces.apache.org/xml-commons/</a>
Apache ZooKeeper	(Cloudera Distribution)	Apache 2.0	<a href="http://zookeeper.apache.org/">http://zookeeper.apache.org/</a>
AOP Alliance	1	Public Domain	<a href="http://aopalliance.sourceforge.net">http://aopalliance.sourceforge.net</a>
AspectJ	1.6.5	Eclipse Public License v1.0	<a href="http://www.eclipse.org/aspectj/">http://www.eclipse.org/aspectj/</a>
atinject	v1	Apache 2.0	<a href="http://code.google.com/p/atinject/">http://code.google.com/p/atinject/</a>
Beaker	1.4.2	BSD	<a href="http://beaker.groovie.org">http://beaker.groovie.org</a>
BeanShell	2.0b4	LGPL or Sun Public License	<a href="http://www.beanshell.org">http://www.beanshell.org</a>
Bootstrap		Apache 2.0	<a href="http://twitter.github.io/bootstrap/">http://twitter.github.io/bootstrap/</a>
Bouncy Castle crypto	1.46	MIT	<a href="http://www.bouncycastle.org/">http://www.bouncycastle.org/</a>
CERN Colt	1.2.0	Attribution required	<a href="http://acs.lbl.gov/software/colt/">http://acs.lbl.gov/software/colt/</a>
Cglib-nodep	2.2	BSD, Apache 2.0	<a href="http://cglib.sourceforge.net/">http://cglib.sourceforge.net/</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
Checkstyle	4.2, 5.5	LGPL 2.1	<a href="http://checkstyle.sourceforge.net/">http://checkstyle.sourceforge.net/</a>
CherryPy	3.1.2	BSD	<a href="http://www.cherrypy.org/">http://www.cherrypy.org/</a>
Clientcide		MIT	<a href="http://www.clientcide.com/js">http://www.clientcide.com/js</a>
Cobertura Ant tasks	1.9.4.1	Apache 1.1	<a href="http://cobertura.sourceforge.net/">http://cobertura.sourceforge.net/</a>
Codehaus Groovy	1.8.5	Apache 2.0	<a href="http://groovy.codehaus.org/">http://groovy.codehaus.org/</a>
Codehaus Woodstox	3.2.7	Apache 2.0	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
CodeMirror	3	MIT	<a href="http://codemirror.net/">http://codemirror.net/</a>
Commons-Collections with Generics 4.01	4.0.1	Apache 2.0	<a href="http://sourceforge.net/projects/collections/">http://sourceforge.net/projects/collections/</a>
ConcurrentLinkedHashMap for Java	1.3	Apache 2.0	<a href="http://code.google.com/p/concurrentlinkedhashmap/">http://code.google.com/p/concurrentlinkedhashmap/</a>
ConcurrentTestRunner and ConcurrentScheduler from tempus-fugit		BSD	<a href="http://tempusfugitlibrary.org/">http://tempusfugitlibrary.org/</a>
ConfigObj	4.6.0	BSD	<a href="http://www.voidspace.org.uk/python/config_obj.html">http://www.voidspace.org.uk/python/config_obj.html</a>
ctypes	1.0.2	MIT	<a href="http://pypi.python.org/pypi/ctypes">http://pypi.python.org/pypi/ctypes</a>
DataFu	0.0.4	Apache 2.0	<a href="https://github.com/linkedin/datafu">https://github.com/linkedin/datafu</a>
datanucleus	2.0.3	Apache 2.0	<a href="http://www.datanucleus.org">http://www.datanucleus.org</a>
DataTables	1.9.4	BSD	<a href="http://datatables.net">http://datatables.net</a>
Date Format	1.2.3	MIT	
Datepicker for Bootstrap		Apache 2.0	<a href="http://www.eyecon.ro/bootstrap-datepicker/">http://www.eyecon.ro/bootstrap-datepicker/</a>
Derby	10.4.2.0	Apache 2.0	<a href="http://db.apache.org/derby/">http://db.apache.org/derby/</a>
Django	1.2.3	BSD	<a href="http://www.djangoproject.com/download/1.2.3/tarball/">http://www.djangoproject.com/download/1.2.3/tarball/</a>
Django Extensions	0.5	New BSD	<a href="http://pypi.python.org/pypi/django-extensions/0.5">http://pypi.python.org/pypi/django-extensions/0.5</a>
Django_cpserver	19739bea057d	BSD	<a href="http://github.com/lincolnloop/django-cpserver/">http://github.com/lincolnloop/django-cpserver/</a>
Django_debug_toolbar	n/a	BSD	<a href="http://github.com/robhudson/django-debug-toolbar/">http://github.com/robhudson/django-debug-toolbar/</a>
Django_nose (part of basie)	0.5	MIT	<a href="http://code.basieproject.org/trunk/apps/django_nose/nose_runner.py">http://code.basieproject.org/trunk/apps/django_nose/nose_runner.py</a>
django-auth-ldap	1.0.7	BSD	<a href="http://bitbucket.org/psagers/django-auth-ldap/">http://bitbucket.org/psagers/django-auth-ldap/</a>
django-moxy		Apache 2.0	<a href="https://github.com/rtyler/django-moxy">https://github.com/rtyler/django-moxy</a>
dk.briks.automaton	1.11-8	BSD	<a href="http://www.brics.dk/automaton/">http://www.brics.dk/automaton/</a>
dnsjava	2.2.1	BSD	<a href="http://dnsjava.org">http://dnsjava.org</a>
Docbook CSS		BSD 2-Clause	
dom4j	1.6.1	dom4j	<a href="http://dom4j.sourceforge.net/">http://dom4j.sourceforge.net/</a>
Downloadify Library		MIT	
eaio: UUID	3.2.0	MIT	<a href="https://github.com/stephenc/eaio-uuid">https://github.com/stephenc/eaio-uuid</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
EasyMock	3	Apache 2.0	<a href="http://www.easymock.org/">http://www.easymock.org/</a>
Eclipse JDT core	3.1.1, 3.3.1	Eclipse Public License 1.0	<a href="http://www.eclipse.org/jdt/core/index.php">http://www.eclipse.org/jdt/core/index.php</a>
EigenDecomposition from Apache Hama	N/A	Public Domain	
elasticsearch	0.19.10	Apache 2.0	<a href="http://www.elasticsearch.org/">http://www.elasticsearch.org/</a>
elementtree	1.2.6-20050316	Python(MIT)	<a href="http://effbot.org/downloads#elementtree">http://effbot.org/downloads#elementtree</a>
enum	0.4.4	Python	<a href="http://pypi.python.org/pypi/enum/">http://pypi.python.org/pypi/enum/</a>
eventlet	0.9.14	MIT	<a href="http://eventlet.net">http://eventlet.net</a>
FancyUpload	3	MIT	<a href="http://github.com/digitarald/digitarald-fancyupload/tarball/3.0">http://github.com/digitarald/digitarald-fancyupload/tarball/3.0</a>
FastUtil	6.3	Apache 2.0, LGPL 2.1+	<a href="http://fastutil.di.unimi.it/">http://fastutil.di.unimi.it/</a>
FEST Common Utilities	1.1.6	Apache 2.0	<a href="https://github.com/alexruiz/fest-util">https://github.com/alexruiz/fest-util</a>
FEST-Reflect	1.4	Apache 2.0	<a href="https://github.com/alexruiz/fest-reflect">https://github.com/alexruiz/fest-reflect</a>
FileUploader		MIT	<a href="https://github.com/valums/file-uploader">https://github.com/valums/file-uploader</a>
Fusesource HawtBuf	1.9	Apache 2.0	<a href="http://fusesource.com/">http://fusesource.com/</a>
Fusesource HawtDispatch	1.11	Apache 2.0	<a href="http://fusesource.com/">http://fusesource.com/</a>
Fusesource Jansi	1.7, 1.9	Apache 2.0	<a href="http://fusesource.com/">http://fusesource.com/</a>
Fusesource mqtt	1.3.1	Apache 2.0	<a href="http://fusesource.com/">http://fusesource.com/</a>
GlassFish MBean Annotation Library API	3.0.0-b023	CDDL	<a href="http://gmbal.kenai.com/">http://gmbal.kenai.com/</a>
Glassfish Servlet API	3	CDDL	<a href="http://glassfish.java.net/">http://glassfish.java.net/</a>
Gmbal-api-only	3.0.0b23	CDDL 1.0 + GPL 2.0 Class Exception	<a href="http://www.jarvana.com/jarvana/inspect-pom/org/glassfish/gmbal/gmbal-api-only/3.2.0-b003/gmbal-api-only-3.2.0-b003.pom">http://www.jarvana.com/jarvana/inspect-pom/org/glassfish/gmbal/gmbal-api-only/3.2.0-b003/gmbal-api-only-3.2.0-b003.pom</a>
Gmbal-api-only	3.0.0	CDDL	<a href="http://gmbal.kenai.com/">http://gmbal.kenai.com/</a>
Google collections library	1.0-rc2	Apache 2.0	<a href="http://code.google.com/p/google-collections/">http://code.google.com/p/google-collections/</a>
Google gson	2.2, 2.2.2	Apache 2.0	<a href="http://code.google.com/p/google-gson/">http://code.google.com/p/google-gson/</a>
Google guice	3	Apache 2.0	<a href="http://code.google.com/p/google-guice/">http://code.google.com/p/google-guice/</a>
greenlet	0.3.11	MIT	<a href="http://bitbucket.org/ambroff/greenlet">http://bitbucket.org/ambroff/greenlet</a>
grizzly	2.1.1	CDDL + GPL2 + Class Path Exception	<a href="http://glassfish.java.net/public/CDDL+GPL_1_1.html">http://glassfish.java.net/public/CDDL+GPL_1_1.html</a>
Google Guava Libraries	13	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>
haivvreο	10.7-cdh4	Apache 2.0	<a href="https://github.com/jghoman/haivvreο">https://github.com/jghoman/haivvreο</a>
Hector-core	0.8.0-2	MIT	<a href="https://github.com/rantav/hector">https://github.com/rantav/hector</a>
Highly Scalable Java		Public Domain	<a href="http://sourceforge.net/projects/high-scale-lib/">http://sourceforge.net/projects/high-scale-lib/</a>
High-scale-lib	1.1.1	Public Domain	<a href="http://sourceforge.net/projects/high-scale-lib/">http://sourceforge.net/projects/high-scale-lib/</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
hsqldb	1.8.0.7, 1.8.0.10	BSD	<a href="http://hsqldb.org/">http://hsqldb.org/</a>
html2text.pl		Python Software License	<a href="http://code.google.com/p/html2text/">http://code.google.com/p/html2text/</a>
HyperSQL	1.8.0.7, 1.8.0.10, 2.0.0	BSD 3	<a href="http://hsqldb.org/">http://hsqldb.org/</a>
icu4j	4.8.1.1	icu4j license	<a href="http://site.icu-project.org/">http://site.icu-project.org/</a>
InputErrorTracker from Elephant-Bird		Apache 2.0	<a href="https://github.com/kevinweil/elephant-bird">https://github.com/kevinweil/elephant-bird</a>
ipython	0.1	BSD	<a href="http://ipython.scipy.org/dist">http://ipython.scipy.org/dist</a>
IRC library	1.0.0, 1.10	Apache 2.0	<a href="http://moepii.sourceforge.net/">http://moepii.sourceforge.net/</a>
Jackson JSON library	1.8.8, 1.9.3	Apache 2.0	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jamm	0.2.5	Apache 2.0	<a href="https://github.com/jbellis/jamm">https://github.com/jbellis/jamm</a>
Jamon-runtime	2.3.1	MPL 1.1	<a href="http://sourceforge.net/projects/jamon/">http://sourceforge.net/projects/jamon/</a>
jarjar	1.1	Apache 2.0	<a href="https://code.google.com/p/jarjar/">https://code.google.com/p/jarjar/</a>
Jasmine-jquery	1.3.1	MIT	<a href="https://github.com/velesin/jasmine-jquery">https://github.com/velesin/jasmine-jquery</a>
Jasypt	1.9.0	Apache 2.0	<a href="http://www.jasypt.org/">http://www.jasypt.org/</a>
javaewah	0.3.2	Apache 2.0	<a href="http://code.google.com/p/javaewah/">http://code.google.com/p/javaewah/</a>
JavaMail	1.4, 1.4.1	CDDL	<a href="http://www.oracle.com/technetwork/java/index-138643.html">http://www.oracle.com/technetwork/java/index-138643.html</a>
JavaServer Pages API	2	CDDL 1.0	<a href="http://jsp.java.net/">http://jsp.java.net/</a>
Java Messaging Service API	1.1	Oracle/Sun Commercial	<a href="http://www.oracle.com/technetwork/java/overview-137943.html">http://www.oracle.com/technetwork/java/overview-137943.html</a>
Java Persistence API	1	CDDL	<a href="http://docs.oracle.com/javaee/5/api/javax/persistence/package-summary.html">http://docs.oracle.com/javaee/5/api/javax/persistence/package-summary.html</a>
Java Persistence API XML Schemas		CDDL	<a href="http://java.sun.com/xml/ns/persistence/">http://java.sun.com/xml/ns/persistence/</a>
Java Servlet API	2.5	CDDL	<a href="http://jcp.org/en/jsr/detail?id=315">http://jcp.org/en/jsr/detail?id=315</a>
Java Transaction API	1.1	CDDL	<a href="http://jcp.org/en/jsr/detail?id=907">http://jcp.org/en/jsr/detail?id=907</a>
Java UUID Generator (JUG)	2.0.0	Apache 2.0	<a href="http://wiki.fasterxml.com/JugHome">http://wiki.fasterxml.com/JugHome</a>
Java XMLbuilder	0.4	Apache 2.0	<a href="http://code.google.com/p/java-xmlbuilder/">http://code.google.com/p/java-xmlbuilder/</a>
JavaBeans Activation Framework	1.1	CDDL 1.0	<a href="http://www.oracle.com/technetwork/java/jaf11-139815.html">http://www.oracle.com/technetwork/java/jaf11-139815.html</a>
JavaCC	4.2	BSD 3-Clause	<a href="http://java.net/projects/javacc/">http://java.net/projects/javacc/</a>
JavaServer Pages v2.1 GlassFish Implementation used by Jetty	2.1	CDDL	<a href="http://jsp.java.net/">http://jsp.java.net/</a>
Javax-servlet	3	CDDL	Comes from Tomcat source
jax	2.11	CDDL 1.0	<a href="http://jax-ws.java.net/nonav/2.1.1/docs/index.html">http://jax-ws.java.net/nonav/2.1.1/docs/index.html</a>
JAXB API Reference Implementation	2.1.12, 2.2.2, 2.2.3	CDDL	<a href="http://jaxb.java.net/">http://jaxb.java.net/</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
JAXB API	2.1	Oracle/Sun Commercial	<a href="http://download.oracle.com/otndocs/jcp/jaxb-2.1-mrel-oth-JSpec/">http://download.oracle.com/otndocs/jcp/jaxb-2.1-mrel-oth-JSpec/</a>
Jaxen	1.1.1	BSD 3-Clause	<a href="http://jaxen.codehaus.org/index.html">http://jaxen.codehaus.org/index.html</a>
JAX-RS	1.1.1	CDDL	<a href="http://jax-rs-spec.java.net/">http://jax-rs-spec.java.net/</a>
Jdeb	1.1.1	CDDL	<a href="https://github.com/tcurdt/jdeb">https://github.com/tcurdt/jdeb</a>
jclouds	1.5.0	Apache 2.0, LGPL v3 and CDDL	<a href="http://code.google.com/p/findbugs">http://code.google.com/p/findbugs</a>
JCommander	1.12	Apache 2.0	<a href="http://jcommander.org/">http://jcommander.org/</a>
Jersey JSON library	1.4, 1.11	CDDL 1.1	<a href="http://jersey.java.net/">http://jersey.java.net/</a>
JetS3t	0.6.1, 0.7.1	Apache 2.0	<a href="https://bitbucket.org/jmurty/jets3t/wiki/Home">https://bitbucket.org/jmurty/jets3t/wiki/Home</a>
Jdo-api	2.3-ec	ASL 2.0	<a href="http://db.apache.org/jdo/">http://db.apache.org/jdo/</a>
jdom		APL "style"	<a href="http://jdom.org">http://jdom.org</a>
jettison	1.1, 1.2	Apache 2.0	<a href="http://jettison.codehaus.org/">http://jettison.codehaus.org/</a>
Jetty	6.1.14, 6.1.26, 7.6.0	Apache 2.0	<a href="http://www.eclipse.org/jetty/">http://www.eclipse.org/jetty/</a>
JLine console input library	0.9.94	BSD	<a href="http://jline.sourceforge.net/">http://jline.sourceforge.net/</a>
Joda-time	1.6, 2.1	Apache 2.0	<a href="http://joda.org">http://joda.org</a>
JOpt Simple	4.3	MIT	<a href="http://pholser.github.io/jopt-simple/">http://pholser.github.io/jopt-simple/</a>
jRuby-complete	1.6.5	Apache 2.0	<a href="http://www.jruby.org/download">http://www.jruby.org/download</a>
jQuery	1.4.2, 1.8.1, 1.8.2	MIT	<a href="http://jquery.com/">http://jquery.com/</a>
jQuery Cookie Plugin	N/A	MIT	<a href="https://github.com/carhartl/jquery-cookie">https://github.com/carhartl/jquery-cookie</a>
jQuery Lined Textarea Plugin	N/A	MIT	Website no longer available.
jQuery UI	1.8.23, 1.9.1	MIT	<a href="http://jqueryui.com/">http://jqueryui.com/</a>
jRuby	1.6.0	CPL	<a href="http://www.jruby.org/">http://www.jruby.org/</a>
jsch	0.1.38, 0.1.42, 0.1.43, 0.1.44-1	BSD	<a href="http://www.jcraft.com/jsch/">http://www.jcraft.com/jsch/</a>
Json	20090217	<a href="http://www.json.org/license.html">http://www.json.org/license.html</a>	<a href="http://mvnrepository.com/artifact/org.json/json/20090211">http://mvnrepository.com/artifact/org.json/json/20090211</a>
Json-simple	1.1	Apache 2.0	<a href="http://code.google.com/p/json-simple/">http://code.google.com/p/json-simple/</a>
jsp	2.1-6.1.14	Apache 1.0 / CDDL	<a href="https://glassfish.dev.java.net/public/CDDLv1.0.html">https://glassfish.dev.java.net/public/CDDLv1.0.html</a>
Jsp-api	2.1	Apache 2.0	<a href="http://jsp.java.net/">http://jsp.java.net/</a>
jsTree	1.0-rc3	MIT	<a href="http://www.jstree.com/">http://www.jstree.com/</a>
JToaster	1.0.4	BSD 3-Clause	<a href="http://sourceforge.net/projects/jtoaster/">http://sourceforge.net/projects/jtoaster/</a>
Jung	2.0.1	BSD	<a href="http://jung.sourceforge.net/">http://jung.sourceforge.net/</a>
Junit	4.9, 4.10	CPL 1.0	<a href="http://www.junit.org/license">http://www.junit.org/license</a>
Jython	2.5.2	Jython License	<a href="http://www.jython.org/">http://www.jython.org/</a>
kerberos	1.1.1	ASL 2.0	<a href="http://pypi.python.org/pypi/kerberos">http://pypi.python.org/pypi/kerberos</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
kfs	0.3	Apache 2.0	<a href="http://code.google.com/p/kosmosfs/">http://code.google.com/p/kosmosfs/</a>
Knockout JavaScript Library	2.0.0	MIT	<a href="http://knockoutjs.com/">http://knockoutjs.com/</a>
Knockout Mapping Plugin	2.1.0, 2.3.2	MIT	<a href="http://knockoutjs.com/documentation/plugins-mapping.html">http://knockoutjs.com/documentation/plugins-mapping.html</a>
Kosmo Distributed File System	0.2.2, 0.3	MIT	<a href="http://code.google.com/p/kosmosfs/">http://code.google.com/p/kosmosfs/</a>
libfb303	0.7.0	ASL 2.0	Part of thrift
lockfile	0.8	MIT	<a href="http://smontanaro.dyndns.org/python/lockfile-0.8.tar.gz">http://smontanaro.dyndns.org/python/lockfile-0.8.tar.gz</a>
lxml	2.2.2	BSD	<a href="http://codespeak.net/lxml/">http://codespeak.net/lxml/</a>
lucene	3.4.0	Apache 2.0	<a href="http://lucene.apache.org/core/">http://lucene.apache.org/core/</a>
mail	1.4	CDDL 1.0	<a href="http://glassfish.org">http://glassfish.org</a>
Mako	0.3.4, 0.7.2	MIT	<a href="http://makotemplates.org/">http://makotemplates.org/</a>
Management-api	3.0.0-b012	Apache 2.0	<a href="https://developers.google.com/analytics/devguides/config/mgmt/v3/">https://developers.google.com/analytics/devguides/config/mgmt/v3/</a>
Markdown	2.0.3	BSD	<a href="http://pypi.python.org/packages/source/M/Markdown/Markdown-2.0.3.tar.gz">http://pypi.python.org/packages/source/M/Markdown/Markdown-2.0.3.tar.gz</a>
MarkupSafe	0.9.3	BSD	<a href="http://pypi.python.org/pypi/MarkupSafe">http://pypi.python.org/pypi/MarkupSafe</a>
Maven Ant Tasks		Apache 2.0	<a href="http://maven.apache.org/ant-tasks/">http://maven.apache.org/ant-tasks/</a>
Metrics Core Library	2.0.3, 2.1.2	Apache 2.0	<a href="http://metrics.codahale.com/manual/core/">http://metrics.codahale.com/manual/core/</a>
Mokito	1.8.1, 1.8.2, 1.8.5, 1.9.0	MIT	<a href="http://mockito.org/">http://mockito.org/</a>
Moment.js	1.7.0	MIT	<a href="http://momentjs.com/">http://momentjs.com/</a>
Mongo-java-driver	2.5	Apache 2.0	<a href="http://www.mongodb.org/">http://www.mongodb.org/</a>
Mortbay Jetty web server / servlet container	6.1.26	Apache 2.0	<a href="http://jetty.codehaus.org/jetty/">http://jetty.codehaus.org/jetty/</a>
MooTools Core	1.2.4	MIT	<a href="http://mootools.net/download">http://mootools.net/download</a>
MooTools Runner		MIT	
MurmurHash3 algorithm		Public Domain	<a href="http://code.google.com/p/smhasher/">http://code.google.com/p/smhasher/</a>
MySQL for Python	1.2.3c1	Python	<a href="http://sourceforge.net/projects/mysql-python/">http://sourceforge.net/projects/mysql-python/</a>
Netty	3.3.1, 3.4.0	Apache 2.0	<a href="http://netty.io">http://netty.io</a>
Ning-Compress	0.8.4	Apache 2.0	<a href="https://github.com/ning/compress">https://github.com/ning/compress</a>
Nose	0.11.1	LGPL	<a href="http://somethingaboutorange.com/mrl/projects/nose/0.11.1/">http://somethingaboutorange.com/mrl/projects/nose/0.11.1/</a>
nosetty	0.4	LGPL	<a href="http://code.google.com/p/nosetty/">http://code.google.com/p/nosetty/</a>
Not-yet-commons-ssl	0.3.11	Apache 2.0	<a href="http://juliusdavies.ca/commons-ssl/">http://juliusdavies.ca/commons-ssl/</a>
Oauth-20100527	20100527	Apache 2.0	<a href="http://code.google.com/p/oauth/">http://code.google.com/p/oauth/</a>
Objectweb-asn	3	BSD	<a href="http://asm.ow2.org">http://asm.ow2.org</a>
objenesis	1.2	Apache 2.0	<a href="http://code.google.com/p/objenesis/">http://code.google.com/p/objenesis/</a>
OpenJPA	2.1.0	Apache 2.0	<a href="http://openjpa.apache.org">http://openjpa.apache.org</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
oro	2.0.8	ASL 2.0	<a href="http://svn.apache.org/repos/asf/jakarta/oro/trunk/LICENSE">http://svn.apache.org/repos/asf/jakarta/oro/trunk/LICENSE</a>
osgi	4.2.0	Apache 2.0	<a href="http://www.osgi.org">http://www.osgi.org</a>
PAM	0.1.3	MIT	<a href="http://atlee.ca/software/pam/">http://atlee.ca/software/pam/</a>
ParaNamer reflection library	2.2, 2.3	BSD	<a href="http://paranamer.codehaus.org/">http://paranamer.codehaus.org/</a>
PostgreSQL JDBC Driver	9.0-801	BSD 3-Clause	<a href="http://jdbc.postgresql.org/index.html">http://jdbc.postgresql.org/index.html</a>
processing	0.52	BSD	<a href="http://developer.berlios.de/projects/pyprocessing">http://developer.berlios.de/projects/pyprocessing</a>
Protocol Buffers	2.4.1	BSD	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>
Prototype JavaScript Framework	1.4.0_pre4	MIT	<a href="http://www.prototypejs.org/">http://www.prototypejs.org/</a>
Protevis	d3.2	BSD 2-clause	<a href="http://mbostock.github.com/protovis/">http://mbostock.github.com/protovis/</a>
pyAntTasks	1.3	BSD 3-clause	<a href="http://code.google.com/p/pyanttasks/">http://code.google.com/p/pyanttasks/</a>
pyxcelerator	0.6.4.1	BSD	<a href="http://sourceforge.net/projects/pyxcelerator">http://sourceforge.net/projects/pyxcelerator</a>
Pygments	1.3.1	BSD	<a href="http://pypi.python.org/pypi/Pygments">http://pypi.python.org/pypi/Pygments</a>
PyKerberos Package	1.1.1	Apache 2.0	
pyOpenSSL		Apache 2.0	<a href="http://pyopenssl.sourceforge.net/">http://pyopenssl.sourceforge.net/</a>
pysqlite	2.55	zlib/libpng	<a href="http://oss.itsystementwicklung.de/download/pysqlite/2.5/2.5.5/">http://oss.itsystementwicklung.de/download/pysqlite/2.5/2.5.5/</a>
python-daemon	1.5.1	Python	<a href="http://pypi.python.org/pypi/python-daemon/">http://pypi.python.org/pypi/python-daemon/</a>
python-ldap	2.4.6	Python	<a href="http://pypi.python.org/pypi/python-ldap/">http://pypi.python.org/pypi/python-ldap/</a>
Python-pam	0.1.3	MIT	<a href="http://atlee.ca/software/pam/dist/0.1.3">http://atlee.ca/software/pam/dist/0.1.3</a>
Python-paste	1.7.2	MIT	<a href="http://pythonpaste.org/">http://pythonpaste.org/</a>
Python-SASL	0.1.1	Apache 2.0	<a href="https://github.com/toddipcon/python-sasl">https://github.com/toddipcon/python-sasl</a>
Python SSL	1.15	Python	<a href="http://docs.python.org/dev/library/ssl.html">http://docs.python.org/dev/library/ssl.html</a>
pytidy	0.2.6	MIT	<a href="http://countergram.com/open-source/pytidylib/">http://countergram.com/open-source/pytidylib/</a>
PyYAML	3.09	MIT	<a href="http://pyyaml.org/wiki/PyYAML">http://pyyaml.org/wiki/PyYAML</a>
QDox	1.10.1	Apache 2.0	<a href="http://qdox.codehaus.org/">http://qdox.codehaus.org/</a>
Raphael		MIT	<a href="http://raphaeljs.com/index.html">http://raphaeljs.com/index.html</a>
Rhino	1.7R2	Mozilla Public License 1.1	<a href="http://www.mozilla.org/rhino/">http://www.mozilla.org/rhino/</a>
Rocoto	6.1	Apache 2.0	<a href="http://code.google.com/p/rocoto/">http://code.google.com/p/rocoto/</a>
routie	0.3.0	MIT	<a href="http://projects.jga.me/routie/">http://projects.jga.me/routie/</a>
sasl	0.1.1	Apache 2.0	<a href="http://pypi.python.org/pypi/sasl/0.1.1">http://pypi.python.org/pypi/sasl/0.1.1</a>
serp	1.13.1	MIT	<a href="http://serp.sourceforge.net/#license">http://serp.sourceforge.net/#license</a>
Servlet API used by Jetty	2.5.2	Apache 2.0	<a href="http://jetty.codehaus.org/jetty/">http://jetty.codehaus.org/jetty/</a>
Shakespeare's First Folio	N/A	Public Domain	<a href="http://www.gutenberg.org/cache/epub/2270/pg2270.txt">http://www.gutenberg.org/cache/epub/2270/pg2270.txt</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
Shakespeare's Sonnets	N/A	Public Domain	<a href="http://www.gutenberg.org/ebooks/1041.txt.utf-8">http://www.gutenberg.org/ebooks/1041.txt.utf-8</a>
Simple Logging Facade for Java/SLF4J	1.4.3, 1.6.1, 1.6.4, 1.7.2	MIT	<a href="http://www.slf4j.org/">http://www.slf4j.org/</a>
Simple Placeholder jQuery Plugin		MIT	<a href="https://github.com/marcgg/Simple-Placeholder">https://github.com/marcgg/Simple-Placeholder</a>
simplejson	2.0.9	MIT	<a href="http://pypi.python.org/packages/source/s/simplejson/simplejson-2.0.9.tar.gz">http://pypi.python.org/packages/source/s/simplejson/simplejson-2.0.9.tar.gz</a>
Sizzle JavaScript Selector Library		MIT	<a href="http://sizzlejs.com/">http://sizzlejs.com/</a>
SnakeYAML	1.1	Apache 2.0	<a href="http://code.google.com/p/snakeyaml/">http://code.google.com/p/snakeyaml/</a>
Snappy-Java	1.0.3.2, 1.0.4.1	New BSD	<a href="http://code.google.com/p/snappy/">http://code.google.com/p/snappy/</a>
Snaptree	0.1	BSD	<a href="https://github.com/nbronson/snaptree">https://github.com/nbronson/snaptree</a>
Solr-commons-csv	3.4.0	Apache 2.0	<a href="http://lucene.apache.org/solr/">http://lucene.apache.org/solr/</a>
SortTable	v2	MIT	
South	0.7	MIT	<a href="http://south.aeracode.org/">http://south.aeracode.org/</a>
Spawning	0.9.6	MIT	<a href="https://github.com/rtyler/Spawning/">https://github.com/rtyler/Spawning/</a>
Sphinx		BSD	<a href="http://sphinx-doc.org">http://sphinx-doc.org</a>
Spring Framework	3.0.7	Apache 2.0	<a href="http://www.springsource.org/spring-framework">http://www.springsource.org/spring-framework</a>
SQLLine	1.0.2	BSD	<a href="http://sqlline.sourceforge.net/">http://sqlline.sourceforge.net/</a>
sshj	0.8.1	Apache 2.0	<a href="http://schmizz.net/sshj/">http://schmizz.net/sshj/</a>
Stax-api	1.0.1, 1.0.2	Apache 2.0	<a href="http://stax.codehaus.org/">http://stax.codehaus.org/</a>
StringTemplate	3.2	BSD	<a href="http://www.stringtemplate.org/">http://www.stringtemplate.org/</a>
Spawning	0.9.6	Apache 2.0	<a href="http://github.com/rtyler/Spawning/">http://github.com/rtyler/Spawning/</a>
speed4j	0.9	Apache 2.0	<a href="https://github.com/jalkanen/speed4j">https://github.com/jalkanen/speed4j</a>
StumbleUpon Async Library	1.2.0	BSD	<a href="https://github.com/stumbleupon/async">https://github.com/stumbleupon/async</a>
StumbleUpon Asynchronous HBase	1.2.0	BSD	<a href="https://github.com/stumbleupon/asyncbase">https://github.com/stumbleupon/asyncbase</a>
TestNG	6.2	Apache 2.0	<a href="http://testng.org/doc/index.html">http://testng.org/doc/index.html</a>
threadframe	0.2	Python	<a href="http://www.majid.info/mylos/stories/2004/06/10/threadframe.html">http://www.majid.info/mylos/stories/2004/06/10/threadframe.html</a>
Thrift	0.5, 0.7.0, 0.6.1, 0.8.0, 0.9.0	Apache	<a href="http://incubator.apache.org/thrift/download/">http://incubator.apache.org/thrift/download/</a>
Timepicker for Bootstrap		Apache 2.0	<a href="http://www.github.com/jdewit/bootstrap-timepicker">http://www.github.com/jdewit/bootstrap-timepicker</a>
tree.h (From FreeBSD)	1.9.4	BSD	
Twisted	8.2.0	MIT	<a href="http://twistedmatrix.com/trac/">http://twistedmatrix.com/trac/</a>
Uncommons Maths	1.2.2	BSD 3-clause	<a href="http://maths.uncommons.org/">http://maths.uncommons.org/</a>
Underscore	0.5.5	MIT	<a href="http://underscorejs.org/">http://underscorejs.org/</a>
urllib2-kerberos	0.1.6	Apache 2.0	<a href="http://pypi.python.org/pypi/urllib2_kerberos/">http://pypi.python.org/pypi/urllib2_kerberos/</a>

**Table 3-1 (Cont.) CDH 4.4 Third-Party Licenses**

Project	Version	License	Source URL
Watchmaker-framework	0.6.2	Apache 2.0	<a href="http://watchmaker.uncommons.org/">http://watchmaker.uncommons.org/</a>
Werkzeug	0.5.1	BSD	<a href="http://werkzeug.pocoo.org/">http://werkzeug.pocoo.org/</a>
windmill	1.3	Apache 2.0	<a href="http://www.getwindmill.com/">http://www.getwindmill.com/</a>
Xml-apis	1.0.b2	Apache 1.1 /W3C	WC3 license
xmlenc	0.52	BSD	<a href="http://xmlenc.sourceforge.net/">http://xmlenc.sourceforge.net/</a>
Xpp-min	1.1.4c	BSD-like	<a href="http://xstream.codehaus.org/download.html">http://xstream.codehaus.org/download.html</a>
xstream	1.3.1	BSD	<a href="http://xstream.codehaus.org/">http://xstream.codehaus.org/</a>
XZ Utils Java implementation	1	Public Domain	<a href="http://tukaani.org/xz/java.html">http://tukaani.org/xz/java.html</a>
zope.interface	3.5.2	ZPL(MIT-like)	<a href="http://pypi.python.org/pypi/zope.interface">http://pypi.python.org/pypi/zope.interface</a>

## Cloudera Search 1.0

Table 3-2 lists the third-party licenses for Cloudera Search 1.0

**Table 3-2 Cloudera Search 1.0 Third-Party Licenses**

Project	Version	License	Source URL
Adobe XMP	5.1.2	BSD-3	<a href="http://www.adobe.com/products/xmp/">http://www.adobe.com/products/xmp/</a>
Ant-Contrib	1.0b3	Apache 1.1	<a href="http://sourceforge.net/projects/ant-contrib">http://sourceforge.net/projects/ant-contrib</a>
Apache Ant	1.8.2	Apache 2.0	<a href="http://ant.apache.org">http://ant.apache.org</a>
Apache Avro	1.7.4	Apache 2.0	<a href="http://avro.apache.org">http://avro.apache.org</a>
Apache Blur			<a href="https://github.com/nearinfinity/blur">https://github.com/nearinfinity/blur</a>
Apache Commons BeanUtils	1.7.0	Apache 2.0	<a href="http://commons.apache.org/proper/commons-beanutils/">http://commons.apache.org/proper/commons-beanutils/</a>
Apache Commons CLI	1.2	Apache 2.0	<a href="http://jakarta.apache.org/commons/cli/">http://jakarta.apache.org/commons/cli/</a>
Apache Commons Codec	1.4	Apache 2.0	<a href="http://jakarta.apache.org/commons/codec/">http://jakarta.apache.org/commons/codec/</a>
Apache Commons Codec	1.7	Apache 2.0	<a href="http://jakarta.apache.org/commons/codec/">http://jakarta.apache.org/commons/codec/</a>
Apache Commons Collections	3.2.1	Apache 2.0	<a href="http://commons.apache.org/proper/commons-collections/">http://commons.apache.org/proper/commons-collections/</a>
Apache Commons Compress	1.4.1	Apache 2.0	<a href="http://commons.apache.org/compress/">http://commons.apache.org/compress/</a>
Apache Commons Config	1.6	Apache 2.0	<a href="http://commons.apache.org/configuration/">http://commons.apache.org/configuration/</a>
Apache Commons Digester	2	Apache 2.0	<a href="http://jakarta.apache.org/commons/digester/">http://jakarta.apache.org/commons/digester/</a>
Apache Commons Fileupload	1.2.1	Apache 2.0	<a href="http://jakarta.apache.org/commons/fileupload/">http://jakarta.apache.org/commons/fileupload/</a>
Apache Commons IO	2.1	Apache 2.0	<a href="http://commons.apache.org/proper/commons-io/">http://commons.apache.org/proper/commons-io/</a>
Apache Commons Lang	2.5	Apache 2.0	<a href="http://jakarta.apache.org/commons/lang/">http://jakarta.apache.org/commons/lang/</a>
Apache Commons Lang	2.6	Apache 2.0	<a href="http://commons.apache.org/proper/commons-lang/">http://commons.apache.org/proper/commons-lang/</a>
Apache Commons Logging	1.1.1	Apache 2.0	<a href="http://jakarta.apache.org/commons/logging/">http://jakarta.apache.org/commons/logging/</a>

**Table 3-2 (Cont.) Cloudera Search 1.0 Third-Party Licenses**

Project	Version	License	Source URL
Apache Derby	10.9.1.0	Apache 2.0	<a href="http://db.apache.org/derby">http://db.apache.org/derby</a>
Apache FOP		Apache 2.0	<a href="http://xmlgraphics.apache.org/fop/">http://xmlgraphics.apache.org/fop/</a>
Apache HttpComponents HttpClient	4.2.3	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-client/">http://hc.apache.org/httpcomponents-client/</a>
Apache HttpComponents HttpCore	4.2.2	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-core/">http://hc.apache.org/httpcomponents-core/</a>
Apache Implementaiton of StAX API	1	Apache 2.0	<a href="http://jcp.org/aboutJava/communityprocess/final/jsr173/index.html">http://jcp.org/aboutJava/communityprocess/final/jsr173/index.html</a>
Apache Implementation of Servlet API	2.4	Apache 2.0	
Apache Jakarta Regexp	1.4	Apache 2.0	<a href="http://jakarta.apache.org/regexp/">http://jakarta.apache.org/regexp/</a>
Apache James Mime4J	0.7.2	Apache 2.0	<a href="http://sourceforge.net/projects/mime4j">http://sourceforge.net/projects/mime4j</a>
Apache Log4j	1.2.16	Apache 2.0	<a href="http://www.logging.apache.org/log4j/">http://www.logging.apache.org/log4j/</a>
Apache Log4j	1.2.17	Apache 2.0	<a href="http://www.logging.apache.org/log4j/">http://www.logging.apache.org/log4j/</a>
Apache Lucene			
Apache Mahout	0.6	Apache 2.0	<a href="http://mahout.apache.org">http://mahout.apache.org</a>
Apache Mahout	1	Apache 2.0	<a href="http://mahout.apache.org">http://mahout.apache.org</a>
Apache PDFBox	1.7.1	Apache 2.0	<a href="http://sourceforge.net/projects/pdfbox">http://sourceforge.net/projects/pdfbox</a>
Apache POI	3.8	Apache 2.0	<a href="http://poi.apache.org">http://poi.apache.org</a>
Apache Solr	4.4		
Apache Tika	1.3	Apache 2.0	<a href="http://tika.apache.org">http://tika.apache.org</a>
Apache UIMA	2.3.1	Apache 2.0	<a href="http://uima.apache.org/">http://uima.apache.org/</a>
Apache Velocity	1.7	Apache 2.0	<a href="http://jakarta.apache.org/velocity/">http://jakarta.apache.org/velocity/</a>
Apache Velocity Tools	2	Apache 2.0	<a href="http://velocity.apache.org/velocity/tools/">http://velocity.apache.org/velocity/tools/</a>
Apache Xerces-J	2.8.1	Apache 2.0	<a href="http://xerces.apache.org/xerces2-j/">http://xerces.apache.org/xerces2-j/</a>
Apache Xerces-J	2.9.1	Apache 2.0	<a href="http://xerces.apache.org/xerces2-j/">http://xerces.apache.org/xerces2-j/</a>
Apache XML-Commons	1.3.03	Apache 2.0	<a href="http://xerces.apache.org/xml-commons/components/resolver/">http://xerces.apache.org/xml-commons/components/resolver/</a>
Apache XMLBeans	2.3.0	Apache 2.0	<a href="http://xmlbeans.apache.org/">http://xmlbeans.apache.org/</a>
ArgParse4J	0.4.0	MIT	<a href="http://sourceforge.net/projects/argparse4j">http://sourceforge.net/projects/argparse4j</a>
ASM	[bundled with cglib 2.2]	BSD-3	<a href="http://asm.ow2.org/">http://asm.ow2.org/</a>
ASM	3.2	BSD-3	<a href="http://asm.objectweb.org/">http://asm.objectweb.org/</a>
AspectJ	1.6.5	EPL 1.0	<a href="http://www.eclipse.org/aspectj/">http://www.eclipse.org/aspectj/</a>
Boilerpipe	1.1.0	Apache 2.0	<a href="http://code.google.com/p/boilerpipe/">http://code.google.com/p/boilerpipe/</a>
Bouncy Castle Crypto	1.4.5	MIT	<a href="http://www.bouncycastle.org/">http://www.bouncycastle.org/</a>
Carrot2		BSD style	<a href="http://sourceforge.net/projects/carrot2">http://sourceforge.net/projects/carrot2</a>
Carrot2	3.6.2	BSD-3	<a href="http://sourceforge.net/projects/carrot2">http://sourceforge.net/projects/carrot2</a>
cglib	2.2	Apache 2.0	<a href="http://cglib.sourceforge.net/">http://cglib.sourceforge.net/</a>

**Table 3-2 (Cont.) Cloudera Search 1.0 Third-Party Licenses**

Project	Version	License	Source URL
Chosen, a Select Box Enhancer		MIT	<a href="https://github.com/harvesthq/chosen">https://github.com/harvesthq/chosen</a>
jQuery and Prototype			
Cloudera Distribution including Hadoop		Apache 2.0	<a href="https://github.com/cloudera/cdh-package">https://github.com/cloudera/cdh-package</a>
Cloudera Distribution of Hadoop	4.2.0	Apache 2.0	<a href="https://github.com/cloudera/cdh-package">https://github.com/cloudera/cdh-package</a>
ConcurrentLinkedHashMap	1.2	Apache 2.0	<a href="http://code.google.com/p/concurrentlinkedhashmap/">http://code.google.com/p/concurrentlinkedhashmap/</a>
D3.js		BSD	<a href="http://d3js.org/">http://d3js.org/</a>
DOM4J	1.6.1	DOM4J License	<a href="http://dom4j.sourceforge.net">http://dom4j.sourceforge.net</a>
ease.js		BSD	
EasyMock	3	Apache 2.0	<a href="http://www.easymock.org/">http://www.easymock.org/</a>
Google JCSV		Apache 2.0	<a href="https://code.google.com/p/jcsv/">https://code.google.com/p/jcsv/</a>
Google named-regexp		Apache 2.0	<a href="https://code.google.com/p/named-regexp/">https://code.google.com/p/named-regexp/</a>
Guava	14	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>
Guava Libraries	11.0.2	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>
HPPC	0.4.1	Apache 2.0	<a href="http://labs.carrotsearch.com/hppc.html">http://labs.carrotsearch.com/hppc.html</a>
HyperSQL	1.8.0.10	BSD-3	<a href="http://sourceforge.net/projects/hsqldb">http://sourceforge.net/projects/hsqldb</a>
Icons from Splitbrain		Public Domain	<a href="http://www.splitbrain.org/projects/file_icons">http://www.splitbrain.org/projects/file_icons</a>
ICU4J	49.1	ICU License	<a href="http://sourceforge.net/projects/icu">http://sourceforge.net/projects/icu</a>
ispell files		CC-BY-SA	
Jackson JSON Processor	1.7.4	Apache 2.0	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jackson JSON Processor	1.8.8	Apache 2.0	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jackson JSON Processor	2.2.1	Apache 2.0	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Java JSR-223 script engine		BSD 3-clause	<a href="https://java.net/projects/Scripting">https://java.net/projects/Scripting</a>
Java Servlet API	3.0.1	CDDL	<a href="https://java.net/projects/servlet-spec/">https://java.net/projects/servlet-spec/</a>
Java UUID Generator	3.1.3	Apache 2.0	<a href="http://wiki.fasterxml.com/JugHome">http://wiki.fasterxml.com/JugHome</a>
JavaBeans Activation Framework	1.1	CDDL 1.0	<a href="http://java.sun.com/javase/technologies/desktop/javabeans/jaf/">http://java.sun.com/javase/technologies/desktop/javabeans/jaf/</a>
JavaMail	1.4.1	CDDL 1.0	<a href="http://java.sun.com/products/javamail/">http://java.sun.com/products/javamail/</a>
JDOM	1	JDOM License	<a href="http://www.jdom.org/">http://www.jdom.org/</a>
Jersey	1.16.0	CDDL 1.1	<a href="https://jersey.dev.java.net/">https://jersey.dev.java.net/</a>
Jetty	6.1.26	Apache 2.0	<a href="http://www.mortbay.org/jetty/">http://www.mortbay.org/jetty/</a>
Jetty	8.1.8	Apache 2.0	<a href="http://www.mortbay.org/jetty/">http://www.mortbay.org/jetty/</a>
JLine	0.9.94	BSD-3	<a href="http://sourceforge.net/projects/jline">http://sourceforge.net/projects/jline</a>
jQuery	1.4.3	MIT	<a href="http://jquery.com/">http://jquery.com/</a>
jQuery Autocomplete		MIT	<a href="https://github.com/dyve/jquery-autocomplete">https://github.com/dyve/jquery-autocomplete</a>
jQuery blockUI plugin		MIT	<a href="http://malsup.com/jquery/block/">http://malsup.com/jquery/block/</a>

**Table 3-2 (Cont.) Cloudera Search 1.0 Third-Party Licenses**

Project	Version	License	Source URL
jQuery Cookie Plugin		MIT	<a href="https://github.com/carhartl/jquery-cookie">https://github.com/carhartl/jquery-cookie</a>
jQuery Form Plugin		MIT	<a href="http://malsup.com/jquery/form/">http://malsup.com/jquery/form/</a>
jQuery jsTree	1.0-rc1	MIT	<a href="http://jstree.com/">http://jstree.com/</a>
jQuery Sammy	0.6.2	Apache 2.0	<a href="http://sammyjs.org/">http://sammyjs.org/</a>
jQuery Selector licensed to Cloudera		Apache 2.0	
jQuery timeago plugin		MIT	<a href="http://timeago.yarp.com/">http://timeago.yarp.com/</a>
JSONIC	1.2.7	Apache 2.0	<a href="http://jsonic.sourceforge.jp/">http://jsonic.sourceforge.jp/</a>
JSR-305 Implementation		BSD-3	<a href="http://code.google.com/p/jsr-305/">http://code.google.com/p/jsr-305/</a>
JUniversalChardet	1.0.3	MPL 1.1	<a href="https://github.com/thkoch2001/juniversalchardet">https://github.com/thkoch2001/juniversalchardet</a>
knockout-sortable	v0.7.3	MIT	<a href="https://github.com/rniemeyer/knockout-sortable">https://github.com/rniemeyer/knockout-sortable</a>
Language Detection Library	1.1	Apache 2.0	<a href="http://code.google.com/p/language-detection/">http://code.google.com/p/language-detection/</a>
Language Detection Library for Java			<a href="http://code.google.com/p/language-detection/">http://code.google.com/p/language-detection/</a>
Linker	v1.0	MIT	<a href="http://www.jquery.gr/linker/">http://www.jquery.gr/linker/</a> , <a href="https://github.com/lolos/jquery-Linker">https://github.com/lolos/jquery-Linker</a>
Logstash		Apache 2.0	<a href="http://logstash.net/">http://logstash.net/</a>
lz4		New BSD	<a href="http://code.google.com/p/lz4/">http://code.google.com/p/lz4/</a>
metadata-extractor	2.6.2	Apache 2.0	<a href="http://code.google.com/p/metadata-extractor/">http://code.google.com/p/metadata-extractor/</a>
Metrics	3	Apache 2.0	<a href="http://github.com/codahale/metrics">http://github.com/codahale/metrics</a>
Metrics	3.0.0	Apache 2.0	<a href="http://github.com/codahale/metrics">http://github.com/codahale/metrics</a>
Morfologik	1.5.5	BSD-3 and BSD-2	<a href="http://sourceforge.net/projects/morfologik">http://sourceforge.net/projects/morfologik</a>
MP4 Parser	1.0 RC-1	Apache 2.0	<a href="http://code.google.com/p/mp4parser/">http://code.google.com/p/mp4parser/</a>
NekoHTML	1.9.17	Apache 2.0	<a href="http://sourceforge.net/projects/nekohtml">http://sourceforge.net/projects/nekohtml</a>
NetCDF	4.2	MIT	<a href="http://www.unidata.ucar.edu/">http://www.unidata.ucar.edu/</a>
Noggit	0.5	Apache 2.0	<a href="https://github.com/yonik/noggit">https://github.com/yonik/noggit</a>
Objenesis	1.2	Apache 2.0	<a href="http://objenesis.googlecode.com/svn/docs/index.html">http://objenesis.googlecode.com/svn/docs/index.html</a>
ParaNamer	2.3	BSD-3	<a href="https://xircles.codehaus.org/projects/paranamer">https://xircles.codehaus.org/projects/paranamer</a>
Prettify		Apache 2.0	<a href="http://code.google.com/p/google-code-prettify/">http://code.google.com/p/google-code-prettify/</a>
Protocol Buffers	2.4.0a	BSD-3	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>
Python	2.4.2	Python License	
RandomizedTesting	2.0.9	Apache 2.0	<a href="http://labs.carrotsearch.com/randomizedtesting.html">http://labs.carrotsearch.com/randomizedtesting.html</a>

**Table 3–2 (Cont.) Cloudera Search 1.0 Third-Party Licenses**

Project	Version	License	Source URL
RequireJS		MIT or New BSD	<a href="http://github.com/jrburke/requirejs">http://github.com/jrburke/requirejs</a>
Restlet Framework	2.1.1	Apache 2.0	<a href="http://www.restlet.org">http://www.restlet.org</a>
Rome	0.9	Apache 2.0	<a href="https://rome.dev.java.net/">https://rome.dev.java.net/</a>
Servlet API [Bundled with Jetty]		CDDL 1.0	
Simple	2.6.4	Apache 2.0	<a href="http://sourceforge.net/projects/simple">http://sourceforge.net/projects/simple</a>
SLF4J	1.6.1	MIT	<a href="http://www.slf4j.org">http://www.slf4j.org</a>
SLF4J	1.6.6	MIT	<a href="http://www.slf4j.org">http://www.slf4j.org</a>
SLF4J Bridging legacy APIs		Apache 2.0	<a href="http://www.slf4j.org/legacy.html">http://www.slf4j.org/legacy.html</a>
snappy-java	1.0.4.1	Apache 2.0	<a href="http://xerial.org/snappy-java/">http://xerial.org/snappy-java/</a>
Spatial4j		Apache 2.0	<a href="https://github.com/spatial4j/spatial4j">https://github.com/spatial4j/spatial4j</a>
TagSoup	1.2.1	Apache 2.0	<a href="http://mercury.ccil.org/%7Ecowan/XML/tag soup/">http://mercury.ccil.org/%7Ecowan/XML/tag soup/</a>
Typesafe Config	1	Apache 2.0	<a href="http://typesafe.com">http://typesafe.com</a>
Unicode [Bundled with ICU4J 49.1]		Unicode License	<a href="http://www.unicode.org/">http://www.unicode.org/</a>
Vorbis Java	0.1	Apache 2.0	<a href="https://github.com/Gagravarr/VorbisJava">https://github.com/Gagravarr/VorbisJava</a>
Wikipedia tutorial		CC-BY-SA 3.0	
Woodstox	3.2.7	Apache 2.0	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
XZ for Java	1	Public Domain	<a href="http://tukaani.org/xz/java.html">http://tukaani.org/xz/java.html</a>

## Cloudera Manager 4.7

Table 3–3 lists the third-party licenses for Cloudera Manager 4.7.

**Table 3–3 Cloudera Manager 4.7 Third-Party Licenses**

Project	Version	License	Source URL
ANTLR	3.3	BSD	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
AOP Alliance	1	Public Domain	<a href="http://aopalliance.sourceforge.net/">http://aopalliance.sourceforge.net/</a>
Apache Alfredo	0.1.4	Apache 2.0	<a href="http://github.com/cloudera/alfredo">http://github.com/cloudera/alfredo</a>
Apache Ant	1.6.5	Apache	<a href="http://ant.apache.org/">http://ant.apache.org/</a>
Apache Avro	1.6.3	Apache 2.0	<a href="http://avro.apache.org/">http://avro.apache.org/</a>
Apache Camel	2.7.2	Apache 2.0	<a href="http://camel.apache.org/">http://camel.apache.org/</a>
Apache Commons (beanutils, cli, codec, collections, compress, configuration, digester, fileupload, httpclient, io, lang, logging, math, net)	various	Apache 2.0	<a href="http://commons.apache.org/">http://commons.apache.org/</a>
Apache CXF	2.5.5	Apache 2.0	<a href="http://cxf.apache.org">http://cxf.apache.org</a>

**Table 3-3 (Cont.) Cloudera Manager 4.7 Third-Party Licenses**

Project	Version	License	Source URL
Apache Geronimo Implementations of Sun Java Specifications		Apache 2.0	<a href="http://geronimo.apache.org/">http://geronimo.apache.org/</a>
Apache Hadoop	CDH3, CDH4	Apache 2.0	<a href="http://hadoop.apache.org/">http://hadoop.apache.org/</a>
Apache HBase	CDH3, CDH4	Apache 2.0	<a href="http://hbase.apache.org/">http://hbase.apache.org/</a>
Apache Http Components	4.1, 4.1.1, 4.1.2	Apache 2.0	<a href="http://hc.apache.org/">http://hc.apache.org/</a>
Apache log4j	1.2.16	Apache	<a href="http://logging.apache.org/log4j/1.2/">http://logging.apache.org/log4j/1.2/</a>
Apache Lucene	3.1.0	Apache 2.0	<a href="http://lucene.apache.org/">http://lucene.apache.org/</a>
Apache Neethi	3.0.2	Apache 2.0	<a href="http://ws.apache.org/neethi/">http://ws.apache.org/neethi/</a>
Apache ORO	2.0.8	Apache 1.1	<a href="http://jakarta.apache.org/oro/">http://jakarta.apache.org/oro/</a>
Apache POI	3.7	Apache 2.0	<a href="http://poi.apache.org/">http://poi.apache.org/</a>
Apache Thrift	0.5.0	Apache 2.0	<a href="http://incubator.apache.org/thrift/">http://incubator.apache.org/thrift/</a>
Apache Velocity	1.6.4	Apache 2.0	<a href="http://velocity.apache.org/">http://velocity.apache.org/</a>
Apache XMLSchema	2.0.3	Apache 2.0	<a href="http://ws.apache.org/commons/XmlSchema/">http://ws.apache.org/commons/XmlSchema/</a>
Apache Zookeeper	CDH3, CDH4	Apache 2.0	<a href="http://zookeeper.apache.org/">http://zookeeper.apache.org/</a>
ASM	2.1.3, 3.1, 3.2	BSD-like	<a href="http://asm.ow2.org/">http://asm.ow2.org/</a>
Async-http-client	1.7.5	Apache 2.0	<a href="https://github.com/sonatype/async-http-client">https://github.com/sonatype/async-http-client</a>
BouncyCastle	1.46	MIT	<a href="http://www.bouncycastle.org/java.html">http://www.bouncycastle.org/java.html</a>
c3p0	0.9.1	LGPL	<a href="http://www.mchange.com/projects/c3p0/index.html">http://www.mchange.com/projects/c3p0/index.html</a>
cglib	2.1.3, 2.2	Apache 1.1	<a href="http://cglib.sourceforge.net/">http://cglib.sourceforge.net/</a>
concurrent libraries	1.3.4	Public Domain	<a href="http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html">http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html</a>
DD_belatedPNG	??	MIT	<a href="http://www.dillerdesign.com/experiment/DD_belatedPNG/">http://www.dillerdesign.com/experiment/DD_belatedPNG/</a>
Dom4j	1.6.1	BSD style	<a href="http://dom4j.sourceforge.net/">http://dom4j.sourceforge.net/</a>
Drools	5.5.0	Apache 2.0	<a href="http://docs.jboss.org/jbpm/v5.2/javadocs/">http://docs.jboss.org/jbpm/v5.2/javadocs/</a>
Eclipse JDT Core	various	EPL	<a href="http://www.eclipse.org/jdt/core/index.php">http://www.eclipse.org/jdt/core/index.php</a>
EhCache	2.4.3	Apache	<a href="http://ehcache.org/">http://ehcache.org/</a>
Files from Standard Enunciate FreeMarker template	??	Apache 2.0	<a href="http://enunciate.codehaus.org/api/org/codehaus/enunciate/template/freemarker/package-summary.html">http://enunciate.codehaus.org/api/org/codehaus/enunciate/template/freemarker/package-summary.html</a>
Flume NG	1.2.0	Apache	<a href="https://github.com/cloudera/flume-ng">https://github.com/cloudera/flume-ng</a>
FreeMarker	2.3.8	BSD	<a href="http://sourceforge.net/projects/freemarker/">http://sourceforge.net/projects/freemarker/</a>
FuseSource Commons Management	1	Apache 2.0	
GlassFish JSP	2.1	Apache 2.0	<a href="http://jsp.java.net/">http://jsp.java.net/</a>
Google Gson	2.2	Apache 2.0	<a href="http://code.google.com/p/google-gson/">http://code.google.com/p/google-gson/</a>
Google Guava Libraries	9, 14	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>

**Table 3-3 (Cont.) Cloudera Manager 4.7 Third-Party Licenses**

Project	Version	License	Source URL
Google Guice	3	Apache 2.0	<a href="http://code.google.com/p/google-guice/">http://code.google.com/p/google-guice/</a>
Google Protocol Buffers for Java	2.3.0, 2.4.0	New BSD	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>
Google snakeyaml	1.1	Apache 2.0	<a href="http://code.google.com/p/snakeyaml/">http://code.google.com/p/snakeyaml/</a>
Guid.py	??	MIT	<a href="http://code.activestate.com/recipes/163604-guid/">http://code.activestate.com/recipes/163604-guid/</a>
HyperSQL (HSQL)	2.2.8	BSD	<a href="http://hsqldb.org/">http://hsqldb.org/</a>
Hue	CDH4	Apache	<a href="https://github.com/cloudera/hue">https://github.com/cloudera/hue</a>
ini4j	0.5.1	Apache 2.0	<a href="http://ini4j.sourceforge.net/">http://ini4j.sourceforge.net/</a>
Jackson	1.8.11, 2.0.4	Apache	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jamon	2.4.0, 2.4.1	Mozilla Public License	<a href="http://www.jamon.org/About.html">http://www.jamon.org/About.html</a>
JAMon API	2.7.3	BSD	<a href="http://jamonapi.sourceforge.net/">http://jamonapi.sourceforge.net/</a>
Javassist	3.15.0 GA	Apache	<a href="http://www.csg.is.titech.ac.jp/~chiba/javassist/">http://www.csg.is.titech.ac.jp/~chiba/javassist/</a>
avax.inject	1	Apache 2.0	<a href="http://docs.oracle.com/javaee/6/api/javax/inject/package-summary.html">http://docs.oracle.com/javaee/6/api/javax/inject/package-summary.html</a>
java-xmlbuilder	0.4	Apache 2.0	<a href="http://code.google.com/p/java-xmlbuilder/">http://code.google.com/p/java-xmlbuilder/</a>
Java Standard API Specifications (Activation, JSP, JSR311, Transaction, Mail, Servlet)	various	CDDL	<a href="http://docs.oracle.com/javaee/5/api/overview-summary.html">http://docs.oracle.com/javaee/5/api/overview-summary.html</a>
JAXB	2.2	CDDL 1.1	<a href="http://jaxb.java.net/2.2.4/">http://jaxb.java.net/2.2.4/</a>
JBoss-logging	3.1.0	Apache 2.0	
JBoss Hibernate	4.0.1 Final, 4.1.4 Final	LGPL	<a href="http://www.hibernate.org/">http://www.hibernate.org/</a>
JBoss Netty	3.4.4	Apache 2.0	<a href="https://netty.io/">https://netty.io/</a>
JBoss-transaction-api	1.1_spec-1.0.0.Final	CDDL	
jClouds	1.5.8	Apache 2.0	<a href="http://www.jclouds.org/">http://www.jclouds.org/</a>
jdbcdslog-exp	1.0.6	Apache 2.0	
Jersey	1.4, 1.8	CDDL 1.1	<a href="http://jersey.java.net/">http://jersey.java.net/</a>
Jettison	1.3.2	Apache	<a href="http://jettison.codehaus.org/">http://jettison.codehaus.org/</a>
Jetty	6.1.26.cloudera.2, 7.5.4	Apache 2.0	<a href="http://www.eclipse.org/jetty/">http://www.eclipse.org/jetty/</a>
Joda-money	0.6	Apache 2.0	<a href="http://joda-money.sourceforge.net/">http://joda-money.sourceforge.net/</a>
Joda-time	2.1	Apache 2.0	<a href="http://joda-time.sourceforge.net">http://joda-time.sourceforge.net</a>
JOpt-Simple	3.2	MIT	<a href="http://pholser.github.com/jopt-simple/licenses.html">http://pholser.github.com/jopt-simple/licenses.html</a>
jsr250-api	1	CDDL 1.0	<a href="http://jcp.org/aboutJava/communityprocess/final/jsr250/index.html">http://jcp.org/aboutJava/communityprocess/final/jsr250/index.html</a>

**Table 3-3 (Cont.) Cloudera Manager 4.7 Third-Party Licenses**

Project	Version	License	Source URL
Jython	2.5.2	Python Software Foundation 2	
Leaner CSS (LESS)	1.0.41	Apache 2.0	<a href="http://code.google.com/p/lesscss/">http://code.google.com/p/lesscss/</a>
metrics.core	2.1.3	Apache 2.0	<a href="http://metrics.codahale.com/manual/core/">http://metrics.codahale.com/manual/core/</a>
moment.js	??	MIT	<a href="http://momentjs.com/">http://momentjs.com/</a>
MVEL	2.1	Apache 2.0	<a href="http://mvel.codehaus.org/">http://mvel.codehaus.org/</a>
MX4j	3.0.1	Apache-style	<a href="http://mx4j.sourceforge.net/">http://mx4j.sourceforge.net/</a>
OAuth	20100527	Apache 2.0	<a href="http://oauth.net/2/">http://oauth.net/2/</a>
Oro	2.0.8	Apache 2.0	<a href="http://jakarta.apache.org/oro/">http://jakarta.apache.org/oro/</a>
Paranamer	2.3	BSD	<a href="http://paranamer.codehaus.org/">http://paranamer.codehaus.org/</a>
Postgresql	9.0-801.jdbc4	BSD	<a href="http://www.postgresql.org/">http://www.postgresql.org/</a>
Quartz	2.0.2	Apache 2.0	<a href="http://quartz-scheduler.org/">http://quartz-scheduler.org/</a>
r.js	1.0.3	MIT	<a href="https://github.com/jrburke/r.js/">https://github.com/jrburke/r.js/</a>
Rocoto	6.1	Apache 2.0	<a href="http://code.google.com/p/rocoto/">http://code.google.com/p/rocoto/</a>
Simple JavaScript inheritance	??	MIT	<a href="http://ejohn.org/blog/simple-javascript-inheritance/">http://ejohn.org/blog/simple-javascript-inheritance/</a>
SNMP API for Java (snmp4j-1.11.3.jar)	1.11.3	Apache 2.0	<a href="http://www.snmp4j.org/">http://www.snmp4j.org/</a>
SNMP API for Java Agent (snmp4j-agent-1.3.1.jar)	1.3.1	Apache 2.0	<a href="http://www.snmp4j.org/">http://www.snmp4j.org/</a>
SLF4J	1.6.1	MIT	<a href="http://www.slf4j.org/">http://www.slf4j.org/</a>
Snappy for Java	1.0.4.1	Apache 2.0	<a href="http://code.google.com/p/snappy-java/">http://code.google.com/p/snappy-java/</a>
Spring Framework	1.3.1, 3.0.6	Apache 2.0	<a href="http://www.springframework.org">http://www.springframework.org</a>
Spring Security	3.1.0	Apache 2.0	<a href="http://www.springframework.org/security">http://www.springframework.org/security</a>
sqlite-jdbc	3.7.2	Apache 2.0	<a href="https://bitbucket.org/xerial/sqlite-jdbc">https://bitbucket.org/xerial/sqlite-jdbc</a>
sshj	0.5.0	Apache	<a href="https://github.com/shikhar/sshj">https://github.com/shikhar/sshj</a>
StAX 2 API Woodstox Implementation	3.1.1	BSD-3 Clause	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
Streaming API for XML	1.0.1	Apache 2.0	<a href="http://stax.codehaus.org/">http://stax.codehaus.org/</a>
Stringtemplate	3..1	BSD	<a href="http://www.stringtemplate.org/">http://www.stringtemplate.org/</a>
Usertype for Hibernate Parent	3.0.0	Apache 2.0	<a href="http://usertype.sourceforge.net/">http://usertype.sourceforge.net/</a>
Woodstox	4.1.4	Apache 2.0	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
WSDL4J	1.6.2	CPL 1.0	<a href="http://sourceforge.net/projects/wsdl4j/">http://sourceforge.net/projects/wsdl4j/</a>
XML Pull Parser	1.1.4	Apache 1.1	<a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>
XML Schema Definition Files	??	Apache	
XStream	1.3.1	BSD	<a href="http://xstream.codehaus.org/">http://xstream.codehaus.org/</a>
xz	1.2	Public Domain	

# Cloudera Navigator

Table 3–4 lists the third-party licenses for Cloudera Navigator.

**Table 3–4 Cloudera Navigator Third-Party Licenses**

Project	Version	License	Source URL
ANTLR	3.3	BSD	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
AOP Alliance	1	Public Domain	<a href="http://aopalliance.sourceforge.net/">http://aopalliance.sourceforge.net/</a>
Apache Alfredo	0.1.4	Apache 2.0	<a href="http://github.com/cloudera/alfredo">http://github.com/cloudera/alfredo</a>
Apache Ant	1.6.5	Apache	<a href="http://ant.apache.org/">http://ant.apache.org/</a>
Apache Avro	1.6.3	Apache 2.0	<a href="http://avro.apache.org/">http://avro.apache.org/</a>
Apache Camel	2.7.2	Apache 2.0	<a href="http://camel.apache.org/">http://camel.apache.org/</a>
Apache Commons (beanutils, cli, codec, collections, compress, configuration, digester, fileupload, httpclient, io, lang, logging, math, net)	various	Apache 2.0	<a href="http://commons.apache.org/">http://commons.apache.org/</a>
Apache CXF	2.5.5	Apache 2.0	<a href="http://cxf.apache.org">http://cxf.apache.org</a>
Apache Geronimo Implementations of Sun Java Specifications		Apache 2.0	<a href="http://geronimo.apache.org/">http://geronimo.apache.org/</a>
Apache Hadoop	CDH3, CDH4	Apache 2.0	<a href="http://hadoop.apache.org/">http://hadoop.apache.org/</a>
Apache HBase	CDH3, CDH4	Apache 2.0	<a href="http://hbase.apache.org/">http://hbase.apache.org/</a>
Apache Http Components	4.1, 4.1.1, 4.1.2	Apache 2.0	<a href="http://hc.apache.org/">http://hc.apache.org/</a>
Apache log4j	1.2.16	Apache	<a href="http://logging.apache.org/log4j/1.2/">http://logging.apache.org/log4j/1.2/</a>
Apache Lucene	3.1.0	Apache 2.0	<a href="http://lucene.apache.org/">http://lucene.apache.org/</a>
Apache Neethi	3.0.2	Apache 2.0	<a href="http://ws.apache.org/neethi/">http://ws.apache.org/neethi/</a>
Apache ORO	2.0.8	Apache 1.1	<a href="http://jakarta.apache.org/oro/">http://jakarta.apache.org/oro/</a>
Apache POI	3.7	Apache 2.0	<a href="http://poi.apache.org/">http://poi.apache.org/</a>
Apache Thrift	0.5.0	Apache 2.0	<a href="http://incubator.apache.org/thrift/">http://incubator.apache.org/thrift/</a>
Apache Velocity	1.6.4	Apache 2.0	<a href="http://velocity.apache.org/">http://velocity.apache.org/</a>
Apache XMLSchema	2.0.3	Apache 2.0	<a href="http://ws.apache.org/commons/XmlSchema/">http://ws.apache.org/commons/XmlSchema/</a>
Apache Zookeeper	CDH3, CDH4	Apache 2.0	<a href="http://zookeeper.apache.org/">http://zookeeper.apache.org/</a>
ASM	2.1.3, 3.1, 3.2	BSD-like	<a href="http://asm.ow2.org/">http://asm.ow2.org/</a>
Async-http-client	1.7.5	Apache 2.0	<a href="https://github.com/sonatype/async-http-client">https://github.com/sonatype/async-http-client</a>
BouncyCastle	1.46	MIT	<a href="http://www.bouncycastle.org/java.html">http://www.bouncycastle.org/java.html</a>
c3p0	0.9.1	LGPL	<a href="http://www.mchange.com/projects/c3p0/index.html">http://www.mchange.com/projects/c3p0/index.html</a>
cglib	2.1.3, 2.2	Apache 1.1	<a href="http://cglib.sourceforge.net/">http://cglib.sourceforge.net/</a>
concurrent libraries	1.3.4	Public Domain	<a href="http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html">http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html</a>

**Table 3-4 (Cont.) Cloudera Navigator Third-Party Licenses**

Project	Version	License	Source URL
DD_belatedPNG	??	MIT	<a href="http://www.dillerdesign.com/experiment/DD_belatedPNG/">http://www.dillerdesign.com/experiment/DD_belatedPNG/</a>
Dom4j	1.6.1	BSD style	<a href="http://dom4j.sourceforge.net/">http://dom4j.sourceforge.net/</a>
Drools	5.5.0	Apache 2.0	<a href="http://docs.jboss.org/jbpm/v5.2/javadocs/">http://docs.jboss.org/jbpm/v5.2/javadocs/</a>
Eclipse JDT Core	various	EPL	<a href="http://www.eclipse.org/jdt/core/index.php">http://www.eclipse.org/jdt/core/index.php</a>
EhCache	2.4.3	Apache	<a href="http://ehcache.org/">http://ehcache.org/</a>
Files from Standard Enunciate FreeMarker template	??	Apache 2.0	<a href="http://enunciate.codehaus.org/api/org/codehaus/enunciate/template/freemarker/package-summary.html">http://enunciate.codehaus.org/api/org/codehaus/enunciate/template/freemarker/package-summary.html</a>
Flume NG	1.2.0	Apache	<a href="https://github.com/cloudera/flume-ng">https://github.com/cloudera/flume-ng</a>
FreeMarker	2.3.8	BSD	<a href="http://sourceforge.net/projects/freemarker/">http://sourceforge.net/projects/freemarker/</a>
FuseSource Commons Management	1	Apache 2.0	
GlassFish JSP	2.1	Apache 2.0	<a href="http://jsp.java.net/">http://jsp.java.net/</a>
Google Gson	2.2	Apache 2.0	<a href="http://code.google.com/p/google-gson/">http://code.google.com/p/google-gson/</a>
Google Guava Libraries	9, 14	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>
Google Guice	3	Apache 2.0	<a href="http://code.google.com/p/google-guice/">http://code.google.com/p/google-guice/</a>
Google Protocol Buffers for Java	2.3.0, 2.4.0	New BSD	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>
Google snakeyaml	1.1	Apache 2.0	<a href="http://code.google.com/p/snakeyaml/">http://code.google.com/p/snakeyaml/</a>
Guid.py	??	MIT	<a href="http://code.activestate.com/recipes/163604-guid/">http://code.activestate.com/recipes/163604-guid/</a>
HyperSQL (HSQL)	2.2.8	BSD	<a href="http://hsqldb.org/">http://hsqldb.org/</a>
Hue	CDH4	Apache	<a href="https://github.com/cloudera/hue">https://github.com/cloudera/hue</a>
ini4j	0.5.1	Apache 2.0	<a href="http://ini4j.sourceforge.net/">http://ini4j.sourceforge.net/</a>
Jackson	1.8.11, 2.0.4	Apache	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jamon	2.4.0, 2.4.1	Mozilla Public License	<a href="http://www.jamon.org/About.html">http://www.jamon.org/About.html</a>
JAMon API	2.7.3	BSD	<a href="http://jamonapi.sourceforge.net/">http://jamonapi.sourceforge.net/</a>
Javassist	3.15.0 GA	Apache	<a href="http://www.csg.is.titech.ac.jp/~chiba/javassist/">http://www.csg.is.titech.ac.jp/~chiba/javassist/</a>
Javax.inject	1	Apache 2.0	<a href="http://docs.oracle.com/javaee/6/api/javax/inject/package-summary.html">http://docs.oracle.com/javaee/6/api/javax/inject/package-summary.html</a>
java-xmlbuilder	0.4	Apache 2.0	<a href="http://code.google.com/p/java-xmlbuilder/">http://code.google.com/p/java-xmlbuilder/</a>
Java Standard API Specifications (Activation, JSP, JSR311, Transaction, Mail, Servlet)	various	CDDL	<a href="http://docs.oracle.com/javaee/5/api/overview-w-summary.html">http://docs.oracle.com/javaee/5/api/overview-w-summary.html</a>
JAXB	2.2	CDDL 1.1	<a href="http://jaxb.java.net/2.2.4/">http://jaxb.java.net/2.2.4/</a>
JBoss-logging	3.1.0	Apache 2.0	
JBoss Hibernate	4.0.1 Final, 4.1.4 Final	LGPL	<a href="http://www.hibernate.org/">http://www.hibernate.org/</a>

**Table 3-4 (Cont.) Cloudera Navigator Third-Party Licenses**

Project	Version	License	Source URL
JBoss Netty	3.4.4	Apache 2.0	<a href="https://netty.io/">https://netty.io/</a>
JBoss-transaction-api	1.1_spec-1.0.0.Final	CDDL	
jClouds	1.5.8	Apache 2.0	<a href="http://www.jclouds.org/">http://www.jclouds.org/</a>
jdbcdslog-exp	1.0.6	Apache 2.0	
Jersey	1.4, 1.8	CDDL 1.1	<a href="http://jersey.java.net/">http://jersey.java.net/</a>
Jettison	1.3.2	Apache	<a href="http://jettison.codehaus.org/">http://jettison.codehaus.org/</a>
Jetty	6.1.26.cloudera.2, 7.5.4	Apache 2.0	<a href="http://www.eclipse.org/jetty/">http://www.eclipse.org/jetty/</a>
Joda-money	0.6	Apache 2.0	<a href="http://joda-money.sourceforge.net/">http://joda-money.sourceforge.net/</a>
Joda-time	2.1	Apache 2.0	<a href="http://joda-time.sourceforge.net">http://joda-time.sourceforge.net</a>
JOpt-Simple	3.2	MIT	<a href="http://pholser.github.com/jopt-simple/licenses.html">http://pholser.github.com/jopt-simple/licenses.html</a>
jsr250-api	1	CDDL 1.0	<a href="http://jcp.org/aboutJava/communityprocess/final/jsr250/index.html">http://jcp.org/aboutJava/communityprocess/final/jsr250/index.html</a>
Jython	2.5.2	Python Software Foundation 2	
Leaner CSS (LESS)	1.0.41	Apache 2.0	<a href="http://code.google.com/p/lesscss/">http://code.google.com/p/lesscss/</a>
metrics.core	2.1.3	Apache 2.0	<a href="http://metrics.codahale.com/manual/core/">http://metrics.codahale.com/manual/core/</a>
moment.js	??	MIT	<a href="http://momentjs.com/">http://momentjs.com/</a>
MVEL	2.1	Apache 2.0	<a href="http://mvel.codehaus.org/">http://mvel.codehaus.org/</a>
MX4j	3.0.1	Apache-style	<a href="http://mx4j.sourceforge.net/">http://mx4j.sourceforge.net/</a>
OAuth	20100527	Apache 2.0	<a href="http://oauth.net/2/">http://oauth.net/2/</a>
Oro	2.0.8	Apache 2.0	<a href="http://jakarta.apache.org/oro/">http://jakarta.apache.org/oro/</a>
Paranamer	2.3	BSD	<a href="http://paranamer.codehaus.org/">http://paranamer.codehaus.org/</a>
Postgresql	9.0-801.jdbc4	BSD	<a href="http://www.postgresql.org/">http://www.postgresql.org/</a>
Quartz	2.0.2	Apache 2.0	<a href="http://quartz-scheduler.org/">http://quartz-scheduler.org/</a>
r.js	1.0.3	MIT	<a href="https://github.com/jrburke/r.js/">https://github.com/jrburke/r.js/</a>
Rocoto	6.1	Apache 2.0	<a href="http://code.google.com/p/rocoto/">http://code.google.com/p/rocoto/</a>
Simple JavaScript inheritance	??	MIT	<a href="http://ejohn.org/blog/simple-javascript-inheritance/">http://ejohn.org/blog/simple-javascript-inheritance/</a>
SNMP API for Java (snmp4j-1.11.3.jar)	1.11.3	Apache 2.0	<a href="http://www.snmp4j.org/">http://www.snmp4j.org/</a>
SNMP API for Java Agent (snmp4j-agent-1.3.1.jar)	1.3.1	Apache 2.0	<a href="http://www.snmp4j.org/">http://www.snmp4j.org/</a>
SLF4J	1.6.1	MIT	<a href="http://www.slf4j.org/">http://www.slf4j.org/</a>
Snappy for Java	1.0.4.1	Apache 2.0	<a href="http://code.google.com/p/snappy-java/">http://code.google.com/p/snappy-java/</a>
Spring Framework	1.3.1, 3.0.6	Apache 2.0	<a href="http://www.springframework.org">http://www.springframework.org</a>
Spring Security	3.1.0	Apache 2.0	<a href="http://www.springframework.org/security">http://www.springframework.org/security</a>
sqlite-jdbc	3.7.2	Apache 2.0	<a href="https://bitbucket.org/xerial/sqlite-jdbc">https://bitbucket.org/xerial/sqlite-jdbc</a>

**Table 3–4 (Cont.) Cloudera Navigator Third-Party Licenses**

Project	Version	License	Source URL
sshj	0.5.0	Apache	<a href="https://github.com/shikhar/sshj">https://github.com/shikhar/sshj</a>
StAX 2 API Woodstox Implementation	3.1.1	BSD-3 Clause	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
Streaming API for XML	1.0.1	Apache 2.0	<a href="http://stax.codehaus.org/">http://stax.codehaus.org/</a>
Stringtemplate	3..1	BSD	<a href="http://www.stringtemplate.org/">http://www.stringtemplate.org/</a>
Usertype for Hibernate Parent	3.0.0	Apache 2.0	<a href="http://usertype.sourceforge.net/">http://usertype.sourceforge.net/</a>
Woodstox	4.1.4	Apache 2.0	<a href="http://woodstox.codehaus.org/">http://woodstox.codehaus.org/</a>
WSDL4J	1.6.2	CPL 1.0	<a href="http://sourceforge.net/projects/wsdl4j/">http://sourceforge.net/projects/wsdl4j/</a>
XML Pull Parser	1.1.4	Apache 1.1	<a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>
XML Schema Definition Files	??	Apache	
XStream	1.3.1	BSD	<a href="http://xstream.codehaus.org/">http://xstream.codehaus.org/</a>
xz	1.2	Public Domain	

## Cloudera Impala

Table 3–5 lists the third-party licenses for Cloudera Impala.

**Table 3–5 Cloudera Impala Third-Party Licenses**

Project	Version	License	Source URL
Algorithm from Python's fastsearch.h	6b6c79eba944 from source repo	Python License v2	<a href="http://hg.python.org/cpython/file/6b6c79eba944/Objects/stringlib/fastsearch.h">http://hg.python.org/cpython/file/6b6c79eba944/Objects/stringlib/fastsearch.h</a>
ANTLR	2.7.7, 3.0.1, 3.1, 3.3, 3.4	Public Domain . BSD 3-clause	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
AOP Alliance Java J2EE Standards	1	Public Domain	<a href="http://aopalliance.sourceforge.net/">http://aopalliance.sourceforge.net/</a>
Apache Ant	1.8.1	Apache 2.0	<a href="http://ant.apache.org/">http://ant.apache.org/</a>
Apache Ant Contrib	1.0b3	Apache 2.0	<a href="http://ant-contrib.sourceforge.net/">http://ant-contrib.sourceforge.net/</a>
Apache Avro	1.7.1, 1.7.4	Apache 2.0	<a href="http://avro.apache.org">http://avro.apache.org</a>
Apache Commons BeanUtils	1.7, 1.8.0, 1.8.3	Apache 2.0	<a href="http://commons.apache.org/beanutils/">http://commons.apache.org/beanutils/</a>
Apache Commons CLI	1.2	Apache 2.0	<a href="http://commons.apache.org/cli">http://commons.apache.org/cli</a>
Apache Commons Codec	1.4	Apache 2.0	<a href="http://commons.apache.org/codec">http://commons.apache.org/codec</a>
Apache Commons Collections	3.2.1	Apache 2.0	<a href="http://commons.apache.org/collections">http://commons.apache.org/collections</a>
Apache Commons Compress	1.4.1	Apache 2.0	<a href="http://commons.apache.org/compress">http://commons.apache.org/compress</a>
Apache Commons Configuration	1.6	Apache 2.0	<a href="http://commons.apache.org/configuration">http://commons.apache.org/configuration</a>
Apache Commons DBCP	1.4	Apache 2.0	<a href="http://commons.apache.org/dbcp">http://commons.apache.org/dbcp</a>
Apache Commons Digester	1.8	Apache 2.0	<a href="http://commons.apache.org/digester">http://commons.apache.org/digester</a>
Apache Commons EL	1	Apache 1.1	<a href="http://commons.apache.org/el">http://commons.apache.org/el</a>
Apache Commons IO	2.1	Apache 2.0	<a href="http://commons.apache.org/io">http://commons.apache.org/io</a>

**Table 3-5 (Cont.) Cloudera Impala Third-Party Licenses**

Project	Version	License	Source URL
Apache Commons Lang	2.5	Apache 2.0	<a href="http://commons.apache.org/lang">http://commons.apache.org/lang</a>
Apache Commons Logging	1.1	Apache 2.0	<a href="http://commons.apache.org/logging">http://commons.apache.org/logging</a>
Apache Commons Pool	1.5.4	Apache 2.0	<a href="http://commons.apache.org/pool">http://commons.apache.org/pool</a>
Apache Derby	10.4.2	Apache 2.0	<a href="http://db.apache.org/derby/">http://db.apache.org/derby/</a>
Apache Hadoop	CDH	Apache 2.0	From CDH
Apache HBase	CDH	Apache 2.0	From CDH
Apache Hive	CDH	Apache 2.0	From CDH
Apache HttpComponents	4.0.1, 4.1.3	Apache 2.0	<a href="http://hc.apache.org/">http://hc.apache.org/</a>
Apache JDO	2.3	Apache 2.0	<a href="http://db.apache.org/jdo/">http://db.apache.org/jdo/</a>
Apache log4j	1.2.16	Apache 2.0	<a href="http://logging.apache.org/log4j">http://logging.apache.org/log4j</a>
Apache Sentry (incubating)	1.1.0-SNAPSHOT	Apache 2.0	<a href="http://sentry.incubator.apache.org/">http://sentry.incubator.apache.org/</a>
Apache Shiro	1.2.1	Apache 2.0	<a href="http://shiro.apache.org/">http://shiro.apache.org/</a>
Apache Thrift	0.9.0	Apache 2.0	<a href="http://thrift.apache.org">http://thrift.apache.org</a>
Apache Tomcat Jasper JSP engine	5.5.23	Apache 2.0	<a href="http://tomcat.apache.org/">http://tomcat.apache.org/</a>
Apache Velocity	1.7	Apache 2.0	<a href="http://velocity.apache.org/">http://velocity.apache.org/</a>
Apache ZooKeeper	CDH	Apache 2.0	From CDH
atinject JSR-330	1	Apache 2.0	<a href="http://code.google.com/p/atinject/">http://code.google.com/p/atinject/</a>
Boost	1.46.1	Boost License	<a href="http://www.boost.org">http://www.boost.org</a>
Bootstrap	2.2.1	Apache 2.0	<a href="http://twitter.github.com/bootstrap">http://twitter.github.com/bootstrap</a>
bzip	1.0.6	BSD 4-clause	<a href="http://www.bzip.org/">http://www.bzip.org/</a>
CMake by KitWare	BSD 3-clause	BSD 3-clause	<a href="http://www.cmake.org/">http://www.cmake.org/</a>
CMake Find Google Test Framework by Konstantin Lepa		MIT	Konstantin Lepa, Volvox (no longer available online)
CUP LALR Parser Generator	0.11a	MIT-like	<a href="http://www2.cs.tum.edu/projects/cup/">http://www2.cs.tum.edu/projects/cup/</a>
cyrus-sasl	2.1.23 / 2.1.25	BSD 4-clause	<a href="http://www.cyrusimap.org">http://www.cyrusimap.org</a>
DataNucleus	2.0.3	Apache 2.0	<a href="http://www.datanucleus.org/">http://www.datanucleus.org/</a>
Eclipse Java Development Tools	3.1.1	EPL 1.0	<a href="http://www.eclipse.org/jdt/index.php">http://www.eclipse.org/jdt/index.php</a>
FB303	0.7.0, 0.9.0	Apache 2.0	<a href="http://pypi.python.org/pypi/fb303">http://pypi.python.org/pypi/fb303</a>
gflags	2	BSD 3-clause	<a href="http://code.google.com/p/google-gflags/">http://code.google.com/p/google-gflags/</a>
Glassfish Management API	2.5, 3.0	CDDL 1.0	<a href="http://glassfish.java.net/">http://glassfish.java.net/</a>
glog	0.3.2	BSD 3-clause	<a href="http://code.google.com/p/google-glog/">http://code.google.com/p/google-glog/</a>
gperftools	2	BSD 3-clause	<a href="http://code.google.com/p/gperftools/">http://code.google.com/p/gperftools/</a>
Grizzly	2.1.1	CDDL 1.1	<a href="http://grizzly.java.net/">http://grizzly.java.net/</a>
gtest	1.6.0	BSD 3-clause	<a href="http://code.google.com/p/googletest/">http://code.google.com/p/googletest/</a>
Guava	11.0.2	Apache 2.0	<a href="http://code.google.com/p/guava-libraries/">http://code.google.com/p/guava-libraries/</a>

**Table 3-5 (Cont.) Cloudera Impala Third-Party Licenses**

Project	Version	License	Source URL
Guice	3	Apache 2.0	<a href="http://code.google.com/p/google-guice/">http://code.google.com/p/google-guice/</a>
Haivvreo	1.0.7	Apache 2.0	<a href="http://github.com/jghoman/haivvreo">http://github.com/jghoman/haivvreo</a>
High Scale Lib	1.1.1	Public Domain	<a href="http://sourceforge.net/projects/high-scale-lib/">http://sourceforge.net/projects/high-scale-lib/</a>
HyperSQL	2.2.8	BSD-style	<a href="http://hsqldb.org/">http://hsqldb.org/</a>
Jackson JSON Processor	1.8.8	Apache 2.0	<a href="http://jackson.codehaus.org/">http://jackson.codehaus.org/</a>
Jamon	2.3.1	MPL 1.1	<a href="http://jamonapi.sourceforge.net/">http://jamonapi.sourceforge.net/</a>
Java JDK 1.6 Tools (Oracle)	1.6	Oracle BCLA	<a href="http://docs.oracle.com/javase/6/docs/technotes/tools/index.html">http://docs.oracle.com/javase/6/docs/technotes/tools/index.html</a>
Java Transaction API	1.1	CDDL 1.0	<a href="http://www.oracle.com/technetwork/java/javaeetutorial/index.html">http://www.oracle.com/technetwork/java/javaeetutorial/index.html</a>
JavaBeans Activation Framework	1.1	CDDL 1.0	<a href="http://www.oracle.com/technetwork/java/javase/jaf-135115.html">http://www.oracle.com/technetwork/java/javase/jaf-135115.html</a>
JavaEWAH	0.3.2	Apache 2.0	<a href="http://code.google.com/p/javaewah/">http://code.google.com/p/javaewah/</a>
JAXB	2.1, 2.2.3-1	CDDL 1.1	<a href="http://jaxb.java.net/">http://jaxb.java.net/</a>
Jersey	1.8	CDDL 1.0	<a href="http://jersey.java.net/">http://jersey.java.net/</a>
Jettison JSON StAX Implementation	1.1	Apache 2.0	<a href="http://jettison.codehaus.org/">http://jettison.codehaus.org/</a>
Jetty	6.1.14, 6.1.24, 6.1.26	EPL 1.0 / Apache 2.0	<a href="http://www.eclipse.org/jetty/">http://www.eclipse.org/jetty/</a>
JLine Console Input Library	0.9.94	BSD 3-clause	<a href="http://jline.sourceforge.net/">http://jline.sourceforge.net/</a>
JRuby	1.6.5	CPL 1.0	<a href="http://www.jruby.org/">http://www.jruby.org/</a>
JSON Java Implementation by Douglas Rockford	20090211	MIT-like	<a href="http://www.json.org/java/">http://www.json.org/java/</a>
JSP2.1 Jasper Implementation Glassfish	2.1-6.1.14	CDDL 1.01	<a href="http://mortbay.com">http://mortbay.com</a>
JSR305 Software Defect Detection	1.3.9	BSD 3-clause	<a href="http://code.google.com/p/jsr-305/">http://code.google.com/p/jsr-305/</a>
JSR315 Java Servlet	3	CDDL	Comes from Tomcat Source
JUnit	4.8.2	CPL / EPL 1.0	<a href="http://junit.org/">http://junit.org/</a>
libevent	1.4.14b-stable	BSD 3-clause	<a href="http://libevent.org/">http://libevent.org/</a>
LLVM	3.3	BSD 3-clause	<a href="http://llvm.org/">http://llvm.org/</a>
Metrics Core	2.1.2	Apache 2.0	<a href="http://metrics.codahale.com/">http://metrics.codahale.com/</a>
Mockito	1.8.5	MIT	<a href="http://code.google.com/p/mockito/">http://code.google.com/p/mockito/</a>
Mongoose	04fc209644 from source repo or earlier	MIT	<a href="http://code.google.com/p/mongoose/">http://code.google.com/p/mongoose/</a>
Netty	3.2.4, 3.4.0	Apache 2.0	<a href="http://netty.io/">http://netty.io/</a>
ObjectWeb ASM	3.2	BSD 3-clause	<a href="http://asm.ow2.org/">http://asm.ow2.org/</a>
ParaNamer	2.3	BSD 3-clause	<a href="http://paranamer.codehaus.org/">http://paranamer.codehaus.org/</a>
Parquet	1	Apache 2.0	<a href="http://parquet.io">http://parquet.io</a>
PostgreSQL JDBC Driver	9.0-801	BSD 3-clause	<a href="http://jdbc.postgresql.org/">http://jdbc.postgresql.org/</a>

**Table 3–5 (Cont.) Cloudera Impala Third-Party Licenses**

Project	Version	License	Source URL
PrettyTable	0.7.1	BSD 3-clause	<a href="http://code.google.com/p/prettytable/">http://code.google.com/p/prettytable/</a>
Protobuf Java API	2.4.0a	BSD 3-clause	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>
python-sasl	0.1.1	Apache 2.0	<a href="http://github.com/toddlipcon/python-sasl/tree/master">http://github.com/toddlipcon/python-sasl/tree/master</a>
python-sqlparse	0.1.7	BSD 3-clause	<a href="http://github.com/andialbrecht/sqlparse">http://github.com/andialbrecht/sqlparse</a>
rapidjson	0.11	MIT	<a href="http://code.google.com/p/rapidjson/">http://code.google.com/p/rapidjson/</a>
re2	7f91923f3ad4 from source repo	BSD 3-clause	<a href="http://code.google.com/p/re2/">http://code.google.com/p/re2/</a>
SLF4J	1.6.1	MIT	<a href="http://www.slf4j.org/">http://www.slf4j.org/</a>
snappy	1.0.5	BSD 3-clause	<a href="http://code.google.com/p/snappy/">http://code.google.com/p/snappy/</a>
Snappy-Java	1.0.4.1	Apache 2.0	<a href="http://code.google.com/p/snappy-java/">http://code.google.com/p/snappy-java/</a>
SQLLine	1.0.2	BSD	<a href="http://sqlline.sourceforge.net/">http://sqlline.sourceforge.net/</a>
StAX API	1.0.1	Apache 2.0	<a href="http://stax.codehaus.org/">http://stax.codehaus.org/</a>
StringTemplate	4.0.4	BSD 3-clause	<a href="http://www.stringtemplate.org/">http://www.stringtemplate.org/</a>
XZ for Java	1	Public Domain	<a href="http://tukaani.org/xz/java.html">http://tukaani.org/xz/java.html</a>
zlib	1.2.7	BSD 3-clause	<a href="http://zlib.net/">http://zlib.net/</a>

