

Oracle® Big Data Appliance

Licensing Information

Release 2 (2.4)

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Describes licensing and support for Oracle Big Data Appliance.

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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>.

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Related Documents

For more information, see the Big Data documentation library at http://docs.oracle.com/cd/E41604_01/index.htm

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 ¹	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 ¹
Oracle R Distribution	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems
Perfect Balance ²	Perpetual for life of hardware	Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems

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

² 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.

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

¹ MySQL Standard Edition is installed on Oracle Big Data Appliance. It is proprietary software protected by intellectual property laws. This link is to the source code for MySQL Community Edition, which is open source.

If the source code for the technology was not provided with the binary or otherwise made available to you, you can also receive a copy of the source code on physical media by submitting a written request to:

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- Hibernate 3.6.2.Final LGPL v2.1
- JavaMelody 1.30.0 LGPLv3
- JRobin 1.5.9 LGPL

You should have received the source code for the above programs. If not, you may obtain a copy as set forth in the ["Offer to Provide Source Code"](#) on page 2-1.

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Version 2.0, January 2004

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February 1999

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29 June 2007

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,
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```

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lib/csharp/src/Protocol/TBinaryProtocol.cs
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argparse 1.1

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ASM 2.1.3, 2.2.1, 3.1, 3.2

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AspectJ 1.6.5

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Async-http-client 1.7.5

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Beaker 1.4.2, 1.5.4

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Bouncy Castle Crypto 1.35, 1.46

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cglib-nodeps 2.2

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Cobertura 1.9.4.1

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concurrent libraries 1.3.4

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ConfigObj 4.6.0

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ctypes 1.0.2

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datanucleus 2.0.3

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Django Extensions 0.5

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dk.briks.automaton 1.11-1

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elementree 1.2.6-20050316, 1.2.7

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Google Protocol Buffers - protobuf 2.3.0, 2.4.0, 2.4.1

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Guid.py Version 2.6

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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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HyperSQL 1.8.0.7, 1.8.0.10, 2.0.0, 2.2.8

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Jackson JSON library 1.8.3, 1.8.8, 1.9.3

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jamm 0.2.2

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JAMon Java Application Monitor API 2.73

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Jamon-runtime 2.3.1, 2.4.0, 2.4.1

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Jasmine 1.0.2

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Java XMLbuilder 0.3, 0.4

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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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2000-04-19

Jaxen 1.1.1

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JBoss Hibernate 3.2.0, 3.6.2.Final

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JBoss Transaction API 1.1_spec-1.0.0.Final

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jclouds 1.2.1, 1.5.0-beta.4

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JCraft JSch 0.1.38, 0.1.42, 0.1.43, 0.1.44-1

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Jersey JSON library 1.4, 1.8

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Jetty Servlet API 2.5

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JLine Console Input Library jline-0.9.94

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jopt-simple 3.2

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jQuery, jQuery UI, jQuery JavaScript Library 1.7.1, 1.8.1.6

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JUnit 3.8.1, 4.8.1, 4.8.2, 4.10

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lockfile 0.8

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Mokito 1.8.1, 1.8.2, 1.8.5, 1.9.0

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moment.js

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MooTools-Core 1.2.4, MooTools Runner

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Mortbay Jetty web server / servlet container 6.1.26, 7.54

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MySQL for Python 1.2.3c1, python-daemon 1.5, enum 0.4.4

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PostgreSQL JDBC Driver 9.0-801

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processing 0.52

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Prototype JavaScript Framework 1.4.0_pre4

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psutil 0.3.0

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pyexelerator 0.6.4.1

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Pygments 1.3.1

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Pyinotify 0.9.3

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PyKerberos Package 1.1.1

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pysqlite 2.55

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Python PAM 0.1.3

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Python SSL 1.15

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Python-meld3 0.6.7

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Python-multiprocessing 2.6.2.1

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Python-paste 1.7.2

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pytidylib 0.2.6

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PyYAML 3.09

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QDox 1.10.1

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r.js 1.0.3

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RequireJS 1.0.3

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Rocoto 6.1

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SammyJS 0.7.1

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serp 1.13.1

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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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speed4j 0.9

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Spring Framework 1.3.1, 3.0.6

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sshj 0.5.0, 0.6.1

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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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Supervisor 3.0a12

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urlib2-kerberos 0.1.6

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Usertype for Hibernate Parent 3.0.0

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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

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February 1999

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

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	http://commons.apache.org/cli/
Apache Jakarta / Commons Codec	1.2, 1.6	Apache 2.0	http://commons.apache.org/codec/
Apache Commons Collections	3.2.1	Apache 2.0	http://commons.apache.org/collections/
Apache Commons Compress	1.4, 1.4.1	Apache 2.0	http://commons.apache.org/proper/commons-compress/
Apache Commons CSV	3.5.0	Apache 2.0	http://commons.apache.org/proper/commons-csv/
Apache Commons EL	v1.0	Apache 2.0	http://commons.apache.org/el/
Apache Commons Exec	1.1	Apache 2.0	http://commons.apache.org/proper/commons-exec/
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Apache Commons logging library	1.1.1	Apache 2.0	http://commons.apache.org/logging/
Apache Derby	10.3.2.2, 10.4.2.0, 10.6.1.0, 10.8.2.2	Apache 2.0	http://db.apache.org/derby/
Apache Flume	(Cloudera Distribution)	Apache 2.0	http://flume.apache.org
Apache FtpServer	1	Apache 2.0	http://mina.apache.org/ftpserver/index.html
Apache Geronimo	1.0, 1.0.1, 1.1.1	Apache 2.0	http://geronimo.apache.org
Apache Hadoop	(Cloudera Distribution)	Apache 2.0	http://hadoop.apache.org/
Apache Hama	0.4.0-incubating	Apache 2.0	http://incubator.apache.org/hama/
Apache HBase	(Cloudera Distribution)	Apache 2.0	http://hbase.apache.org/
Apache Hcatalog (Incubating)	(Cloudera Distribution)	Apache 2.0	http://incubator.apache.org/hcatalog/
Apache Hive (Cloudera Distribution)		Apache 2.0	http://hive.apache.org/
Apache HttpComponents	4.1.3, 4.2.1	Apache 2.0	http://hc.apache.org/
Apache Ivy	2.2	Apache 2.0	http://ant.apache.org/ivy/
Jakarta Oro	2.0.8	Apache 1.1	http://jakarta.apache.org/oro/
Apache Java Data Objects		Apache 2.0	http://db.apache.org/jdo/
Apache Log4j	1.1, 1.2.17, 1.2.9	Apache 1.1 / 2.0	http://logging.apache.org/log4j/1.2/index.html

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

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

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

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

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

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

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	http://hsqldb.org/
html2texi.pl		Python Software License	http://code.google.com/p/html2texi/
HyperSQL	1.8.0.7, 1.8.0.10, 2.0.0	BSD 3	http://hsqldb.org/
icu4j	4.8.1.1	icu4j license	http://site.icu-project.org/
InputErrorTracker from Elephant-Bird		Apache 2.0	https://github.com/kevinweil/elephant-bird
ipython	0.1	BSD	http://ipython.scipy.org/dist
IRC library	1.0.0, 1.10	Apache 2.0	http://moepii.sourceforge.net/
Jackson JSON library	1.8.8, 1.9.3	Apache 2.0	http://jackson.codehaus.org/
Jamm	0.2.5	Apache 2.0	https://github.com/jbellis/jamm
Jamon-runtime	2.3.1	MPL 1.1	http://sourceforge.net/projects/jamon/
jarjar	1.1	Apache 2.0	https://code.google.com/p/jarjar/
Jasmine-jquery	1.3.1	MIT	https://github.com/velesin/jasmine-jquery
Jasypt	1.9.0	Apache 2.0	http://www.jasypt.org/
javaewah	0.3.2	Apache 2.0	http://code.google.com/p/javaewah/
JavaMail	1.4, 1.4.1	CDDL	http://www.oracle.com/technetwork/java/index-138643.html
JavaServer Pages API	2	CDDL 1.0	http://jsp.java.net/
Java Messaging Service API	1.1	Oracle/Sun Commercial	http://www.oracle.com/technetwork/java/overview-137943.html
Java Persistence API	1	CDDL	http://docs.oracle.com/javaee/5/api/javax/persistence/package-summary.html
Java Persistence API XML Schemas		CDDL	http://java.sun.com/xml/ns/persistence/
Java Servlet API	2.5	CDDL	http://jcp.org/en/jsr/detail?id=315
Java Transaction API	1.1	CDDL	http://jcp.org/en/jsr/detail?id=907
Java UUID Generator (JUG)	2.0.0	Apache 2.0	http://wiki.fasterxml.com/JugHome
Java XMLbuilder	0.4	Apache 2.0	http://code.google.com/p/java-xmlbuilder/
JavaBeans Activation Framework	1.1	CDDL 1.0	http://www.oracle.com/technetwork/java/jaf11-139815.html
JavaCC	4.2	BSD 3-Clause	http://java.net/projects/javacc/
JavaServer Pages v2.1 GlassFish Implementation used by Jetty	2.1	CDDL	http://jsp.java.net/
Javax-servlet	3	CDDL	Comes from Tomcat source
jax	2.11	CDDL 1.0	http://jax-ws.java.net/nonav/2.1.1/docs/index.html
JAXB API Reference Implementation	2.1.12, 2.2.2, 2.2.3	CDDL	http://jaxb.java.net/

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

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

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

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

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

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

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

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

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

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

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

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	http://db.apache.org/derby
Apache FOP		Apache 2.0	http://xmlgraphics.apache.org/fop/
Apache HttpComponents HttpClient	4.2.3	Apache 2.0	http://hc.apache.org/httpcomponents-client/
Apache HttpComponents HttpCore	4.2.2	Apache 2.0	http://hc.apache.org/httpcomponents-core/
Apache Implementaiton of StAX API	1	Apache 2.0	http://jcp.org/aboutJava/communityprocess/final/jsr173/index.html
Apache Implementation of Servlet API	2.4	Apache 2.0	
Apache Jakarta Regexp	1.4	Apache 2.0	http://jakarta.apache.org/regexp/
Apache James Mime4j	0.7.2	Apache 2.0	http://sourceforge.net/projects/mime4j
Apache Log4j	1.2.16	Apache 2.0	http://www.logging.apache.org/log4j/
Apache Log4j	1.2.17	Apache 2.0	http://www.logging.apache.org/log4j/
Apache Lucene			
Apache Mahout	0.6	Apache 2.0	http://mahout.apache.org
Apache Mahout	1	Apache 2.0	http://mahout.apache.org
Apache PDFBox	1.7.1	Apache 2.0	http://sourceforge.net/projects/pdfbox
Apache POI	3.8	Apache 2.0	http://poi.apache.org
Apache Solr	4.4		
Apache Tika	1.3	Apache 2.0	http://tika.apache.org
Apache UIMA	2.3.1	Apache 2.0	http://uima.apache.org/
Apache Velocity	1.7	Apache 2.0	http://jakarta.apache.org/velocity/
Apache Velocity Tools	2	Apache 2.0	http://velocity.apache.org/velocity/tools/
Apache Xerces-J	2.8.1	Apache 2.0	http://xerces.apache.org/xerces2-j/
Apache Xerces-J	2.9.1	Apache 2.0	http://xerces.apache.org/xerces2-j/
Apache XML-Commons	1.3.03	Apache 2.0	http://xerces.apache.org/xml-commons/components/resolver/
Apache XMLBeans	2.3.0	Apache 2.0	http://xmlbeans.apache.org/
ArgParse4j	0.4.0	MIT	http://sourceforge.net/projects/argparse4j
ASM	[bundled with cglib 2.2]	BSD-3	http://asm.ow2.org/
ASM	3.2	BSD-3	http://asm.objectweb.org/
AspectJ	1.6.5	EPL 1.0	http://www.eclipse.org/aspectj/
Boilerpipe	1.1.0	Apache 2.0	http://code.google.com/p/boilerpipe/
Bouncy Castle Crypto	1.4.5	MIT	http://www.bouncycastle.org/
Carrot2		BSD style	http://sourceforge.net/projects/carrot2
Carrot2	3.6.2	BSD-3	http://sourceforge.net/projects/carrot2
cglib	2.2	Apache 2.0	http://cglib.sourceforge.net/

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

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

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

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

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

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

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	http://www.antlr.org/
AOP Alliance	1	Public Domain	http://aopalliance.sourceforge.net/
Apache Alfredo	0.1.4	Apache 2.0	http://github.com/cloudera/alfredo
Apache Ant	1.6.5	Apache	http://ant.apache.org/
Apache Avro	1.6.3	Apache 2.0	http://avro.apache.org/
Apache Camel	2.7.2	Apache 2.0	http://camel.apache.org/
Apache Commons (beanutils, cli, codec, collections, compress, configuration, digester, fileupload, httpclient, io, lang, logging, math, net)	various	Apache 2.0	http://commons.apache.org/
Apache CXF	2.5.5	Apache 2.0	http://cxf.apache.org

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

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

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

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	http://code.google.com/p/lesscss/
metrics.core	2.1.3	Apache 2.0	http://metrics.codahale.com/manual/core/
moment.js	??	MIT	http://momentjs.com/
MVEL	2.1	Apache 2.0	http://mvel.codehaus.org/
MX4j	3.0.1	Apache-style	http://mx4j.sourceforge.net/
OAuth	20100527	Apache 2.0	http://oauth.net/2/
Oro	2.0.8	Apache 2.0	http://jakarta.apache.org/oro/
Paranamer	2.3	BSD	http://paranamer.codehaus.org/
Postgresql	9.0-801.jdbc4	BSD	http://www.postgresql.org/
Quartz	2.0.2	Apache 2.0	http://quartz-scheduler.org/
r.js	1.0.3	MIT	https://github.com/jrburke/r.js/
Rocoto	6.1	Apache 2.0	http://code.google.com/p/rocoto/
Simple JavaScript inheritance	??	MIT	http://ejohn.org/blog/simple-javascript-inheritance/
SNMP API for Java (snmp4j-1.11.3.jar)	1.11.3	Apache 2.0	http://www.snmp4j.org/
SNMP API for Java Agent (snmp4j-agent-1.3.1.jar)	1.3.1	Apache 2.0	http://www.snmp4j.org/
SLF4J	1.6.1	MIT	http://www.slf4j.org/
Snappy for Java	1.0.4.1	Apache 2.0	http://code.google.com/p/snappy-java/
Spring Framework	1.3.1, 3.0.6	Apache 2.0	http://www.springframework.org
Spring Security	3.1.0	Apache 2.0	http://www.springframework.org/security
sqlite-jdbc	3.7.2	Apache 2.0	https://bitbucket.org/xerial/sqlite-jdbc
sshj	0.5.0	Apache	https://github.com/shikhar/sshj
StAX 2 API Woodstox Implementation	3.1.1	BSD-3 Clause	http://woodstox.codehaus.org/
Streaming API for XML	1.0.1	Apache 2.0	http://stax.codehaus.org/
Stringtemplate	3..1	BSD	http://www.stringtemplate.org/
Usertype for Hibernate Parent	3.0.0	Apache 2.0	http://usertype.sourceforge.net/
Woodstox	4.1.4	Apache 2.0	http://woodstox.codehaus.org/
WSDL4J	1.6.2	CPL 1.0	http://sourceforge.net/projects/wsdl4j/
XML Pull Parser	1.1.4	Apache 1.1	http://www.extreme.indiana.edu/
XML Schema Definition Files	??	Apache	
XStream	1.3.1	BSD	http://xstream.codehaus.org/
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	http://www.antlr.org/
AOP Alliance	1	Public Domain	http://aopalliance.sourceforge.net/
Apache Alfredo	0.1.4	Apache 2.0	http://github.com/cloudera/alfredo
Apache Ant	1.6.5	Apache	http://ant.apache.org/
Apache Avro	1.6.3	Apache 2.0	http://avro.apache.org/
Apache Camel	2.7.2	Apache 2.0	http://camel.apache.org/
Apache Commons (beanutils, cli, codec, collections, compress, configuration, digester, fileupload, httpclient, io, lang, logging, math, net)	various	Apache 2.0	http://commons.apache.org/
Apache CXF	2.5.5	Apache 2.0	http://cxf.apache.org
Apache Geronimo Implementations of Sun Java Specifications		Apache 2.0	http://geronimo.apache.org/
Apache Hadoop	CDH3, CDH4	Apache 2.0	http://hadoop.apache.org/
Apache HBase	CDH3, CDH4	Apache 2.0	http://hbase.apache.org/
Apache Http Components	4.1, 4.1.1, 4.1.2	Apache 2.0	http://hc.apache.org/
Apache log4j	1.2.16	Apache	http://logging.apache.org/log4j/1.2/
Apache Lucene	3.1.0	Apache 2.0	http://lucene.apache.org/
Apache Neethi	3.0.2	Apache 2.0	http://ws.apache.org/neethi/
Apache ORO	2.0.8	Apache 1.1	http://jakarta.apache.org/oro/
Apache POI	3.7	Apache 2.0	http://poi.apache.org/
Apache Thrift	0.5.0	Apache 2.0	http://incubator.apache.org/thrift/
Apache Velocity	1.6.4	Apache 2.0	http://velocity.apache.org/
Apache XMLSchema	2.0.3	Apache 2.0	http://ws.apache.org/commons/XmlSchema/
Apache Zookeeper	CDH3, CDH4	Apache 2.0	http://zookeeper.apache.org/
ASM	2.1.3, 3.1, 3.2	BSD-like	http://asm.ow2.org/
Async-http-client	1.7.5	Apache 2.0	https://github.com/sonatype/async-http-client
BouncyCastle	1.46	MIT	http://www.bouncycastle.org/java.html
c3p0	0.9.1	LGPL	http://www.mchange.com/projects/c3p0/index.html
cglib	2.1.3, 2.2	Apache 1.1	http://cglib.sourceforge.net/
concurrent libraries	1.3.4	Public Domain	http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html

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

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

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

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

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

Project	Version	License	Source URL
sshj	0.5.0	Apache	https://github.com/shikhar/sshj
StAX 2 API Woodstox Implementation	3.1.1	BSD-3 Clause	http://woodstox.codehaus.org/
Streaming API for XML	1.0.1	Apache 2.0	http://stax.codehaus.org/
Stringtemplate	3.1	BSD	http://www.stringtemplate.org/
Usertype for Hibernate Parent	3.0.0	Apache 2.0	http://usertype.sourceforge.net/
Woodstox	4.1.4	Apache 2.0	http://woodstox.codehaus.org/
WSDL4J	1.6.2	CPL 1.0	http://sourceforge.net/projects/wsdl4j/
XML Pull Parser	1.1.4	Apache 1.1	http://www.extreme.indiana.edu/
XML Schema Definition Files	??	Apache	
XStream	1.3.1	BSD	http://xstream.codehaus.org/
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	http://hg.python.org/cpython/file/6b6c79eba944/Objects/stringlib/fastsearch.h
ANTLR	2.7.7, 3.0.1, 3.1, 3.3, 3.4	Public Domain . BSD 3-clause	http://www.antlr.org/
AOP Alliance Java J2EE Standards	1	Public Domain	http://aopalliance.sourceforge.net/
Apache Ant	1.8.1	Apache 2.0	http://ant.apache.org/
Apache Ant Contrib	1.0b3	Apache 2.0	http://ant-contrib.sourceforge.net/
Apache Avro	1.7.1, 1.7.4	Apache 2.0	http://avro.apache.org
Apache Commons BeanUtils	1.7, 1.8.0, 1.8.3	Apache 2.0	http://commons.apache.org/beanutils/
Apache Commons CLI	1.2	Apache 2.0	http://commons.apache.org/cli
Apache Commons Codec	1.4	Apache 2.0	http://commons.apache.org/codec
Apache Commons Collections	3.2.1	Apache 2.0	http://commons.apache.org/collections
Apache Commons Compress	1.4.1	Apache 2.0	http://commons.apache.org/compress
Apache Commons Configuration	1.6	Apache 2.0	http://commons.apache.org/configuration
Apache Commons DBCP	1.4	Apache 2.0	http://commons.apache.org/dbcp
Apache Commons Digester	1.8	Apache 2.0	http://commons.apache.org/digester
Apache Commons EL	1	Apache 1.1	http://commons.apache.org/el
Apache Commons IO	2.1	Apache 2.0	http://commons.apache.org/io

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

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

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

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

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

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

