Preface ............................................................................................................................................................................. ix

Audience ............................................................................................................................................................................. ix
Document Accessibility ......................................................................................................................................................... ix
Related Documents ........................................................................................................................................................... ix

1 Oracle Big Data Appliance Software Licensing

Big Data Appliance Software Installation ................................................................................................................................. 1-1
Factory-Installed Image ............................................................................................................................................................ 1-1
On-Site Software Installation .................................................................................................................................................... 1-1

Software Licensing ................................................................................................................................................................. 1-1
Integrated Software ................................................................................................................................................................. 1-2
Oracle Big Data Connectors ..................................................................................................................................................... 1-2
Separately Licensed Software ...................................................................................................................................................... 1-3
Software Modifications ............................................................................................................................................................. 1-3

2 Third-Party Licenses

Offer to Provide Source Code ..................................................................................................................................................... 2-1

Cloudera Products ................................................................................................................................................................. 2-3
Apache Licensed Code ............................................................................................................................................................. 2-3
GNU Lesser General Public License Version 2.1 ....................................................................................................................... 2-6
GNU Lesser General Public License Version 3 ....................................................................................................................... 2-14
Mozilla Public License Version 1.1 ........................................................................................................................................ 2-16
Alfredo 0.1.4 ............................................................................................................................................................................ 2-23
Ant1.6.5.................................................................................................................................................................................. 2-23
ANTLR 3.1.3............................................................................................................................................................................. 2-25
AOP Alliance 1.0 ...................................................................................................................................................................... 2-25
Apache Avro 1.5.4 avro-1.5.4.jar ........................................................................................................................................ 2-25
Apache BCEL ......................................................................................................................................................................... 2-25
Apache Camel 2.7.2 .............................................................................................................................................................. 2-25
Apache Commons beanutils .................................................................................................................................................... 2-26
Apache Commons Codec 1.3/1.4 ........................................................................................................................................... 2-26
Apache Commons Collections 3.1/3.2.1 .............................................................................................................................. 2-27
Apache Commons command line options parser (commons-cli.jar) ................................................................................ 2-27
Apache Commons IO Library commons-io-1.2.jar ............................................................................................................... 2-27
Apache Commons JSP 2.0 Expression Language Interpreter 1.0 ...................................................................................... 2-27
<table>
<thead>
<tr>
<th>Software</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache Commons language library</td>
<td>2.4/2.5</td>
</tr>
<tr>
<td>Apache Commons logging library</td>
<td>1.0.4/1.1/1.1.1</td>
</tr>
<tr>
<td>Apache FtpServer ftplet-api-1.0.0.jar, ftpserver-core-1.0.0.jar</td>
<td>2-28</td>
</tr>
<tr>
<td>Apache Hadoop CDH3</td>
<td>2-30</td>
</tr>
<tr>
<td>Apache HBase CDH3</td>
<td>2-30</td>
</tr>
<tr>
<td>Apache Http Components 4.1.1</td>
<td>2-30</td>
</tr>
<tr>
<td>Apache Ivy ivy-2.1.0.jar</td>
<td>2-31</td>
</tr>
<tr>
<td>Apache Log4J 1.2.15/1.2.16</td>
<td>2-31</td>
</tr>
<tr>
<td>Apache Lucene 3.1.0</td>
<td>2-31</td>
</tr>
<tr>
<td>Apache Maven</td>
<td>2-33</td>
</tr>
<tr>
<td>Apache POI 3.7</td>
<td>2-34</td>
</tr>
<tr>
<td>Apache Thrift 0.6.0</td>
<td>2-34</td>
</tr>
<tr>
<td>Apache Tomcat Jasper JSP engine jasper-compiler.jar</td>
<td>2-36</td>
</tr>
<tr>
<td>Apache Tomcat Jasper JSP engine jasper-runtime.jar</td>
<td>2-37</td>
</tr>
<tr>
<td>Apache Tomcat JSP API jsp-api.jar</td>
<td>2-37</td>
</tr>
<tr>
<td>Apache Tomcat Servlet API servlet-api.jar</td>
<td>2-37</td>
</tr>
<tr>
<td>Apache Velocity 1.5</td>
<td>2-37</td>
</tr>
<tr>
<td>Apache Velocity 1.6.4</td>
<td>2-37</td>
</tr>
<tr>
<td>Apache ZooKeeper zookeeper-3.3.3.jar</td>
<td>2-38</td>
</tr>
<tr>
<td>asm asm-3.1.jar</td>
<td>2-38</td>
</tr>
<tr>
<td>AspectJ aspectjtools-1.6.5.jar</td>
<td>2-38</td>
</tr>
<tr>
<td>Async-http-client1.6.5</td>
<td>2-39</td>
</tr>
<tr>
<td>automaton.jar</td>
<td>2-39</td>
</tr>
<tr>
<td>Beaker 1.4.2</td>
<td>2-39</td>
</tr>
<tr>
<td>BoneCP 0.7.0</td>
<td>2-40</td>
</tr>
<tr>
<td>Bouncycastle 1.46</td>
<td>2-40</td>
</tr>
<tr>
<td>cglib 2.2</td>
<td>2-41</td>
</tr>
<tr>
<td>CherryPy 3.1.2</td>
<td>2-41</td>
</tr>
<tr>
<td>Christoph Schwering's IRC library irclib.jar</td>
<td>2-41</td>
</tr>
<tr>
<td>classworlds 1.1</td>
<td>2-42</td>
</tr>
<tr>
<td>Clientcide</td>
<td>2-42</td>
</tr>
<tr>
<td>Cloudera's Distribution including Apache Hadoop hadoop-0.20.2+923.21</td>
<td>2-43</td>
</tr>
<tr>
<td>Collections for Generics 4.0.1</td>
<td>2-43</td>
</tr>
<tr>
<td>colt1.2.0</td>
<td>2-43</td>
</tr>
<tr>
<td>Commons-Management 1.0</td>
<td>2-43</td>
</tr>
<tr>
<td>concurrent libraries 1.3.4</td>
<td>2-44</td>
</tr>
<tr>
<td>ConfigObj 4.6.0</td>
<td>2-44</td>
</tr>
<tr>
<td>ctypes 1.0.2</td>
<td>2-44</td>
</tr>
<tr>
<td>datanucleus 2.0.3</td>
<td>2-45</td>
</tr>
<tr>
<td>Django 1.0.2</td>
<td>2-45</td>
</tr>
<tr>
<td>Django Extensions 0.5</td>
<td>2-46</td>
</tr>
<tr>
<td>Django_ftpserver 19739bea057d824d9cd6c10c4cae622e8e1c0b9</td>
<td>2-46</td>
</tr>
<tr>
<td>Django_debug_toolbar 0.7.0</td>
<td>2-47</td>
</tr>
<tr>
<td>Django_nose</td>
<td>2-47</td>
</tr>
<tr>
<td>dnsjava 2.0.8</td>
<td>2-48</td>
</tr>
<tr>
<td>DOM4J library (dom4j-1.6.1.jar)</td>
<td>2-48</td>
</tr>
<tr>
<td>EhCache 2.4.3</td>
<td>2-49</td>
</tr>
</tbody>
</table>
Eclipse JDT core core-3.1.1 ................................................................. 2-59
elementtree 1.2.6-20050316 ............................................................... 2-63
FancyUpload 3.0 ................................................................................ 2-63
Freemarker 2.3.8 ............................................................................... 2-64
Google collections library google-collect-1.0-rc2.jar ......................... 2-65
Google gson gson-1.4.jar .................................................................... 2-65
Google guice guice-2.1-r1201.jar ..................................................... 2-65
Google Protocol Buffers - protobuf 2.3.0 ........................................... 2-65
Guava R03/R06/R07 ........................................................................... 2-66
hep.aida.* ......................................................................................... 2-66
hsqldb 1.8.0.7/1.8.0.10 .................................................................... 2-66
Hue CDH3 ......................................................................................... 2-67
Hypersonic SQL Group Work ............................................................. 2-67
ipython 0.1 ........................................................................................ 2-68
jdbc-driver-exp 1.0.6 ...................................................................... 2-68
Jackson JSON library 1.5.2 .............................................................. 2-69
Jamon 2.3.0 ....................................................................................... 2-69
javassist ............................................................................................ 2-69
Java Simple Utils inject-1.0.jar ......................................................... 2-70
Java xmlbuilder java-xmlbuilder-0.3.jar .......................................... 2-70
jclouds 1.1.1 ..................................................................................... 2-70
JCraft JSch package .......................................................................... 2-70
JetS3t 0.6.1/0.7.1 ............................................................................... 2-71
Jettison 1.1 ....................................................................................... 2-71
JLine console input library jline-0.9.94 .............................................. 2-71
Joda-time 1.6.2 ................................................................................ 2-72
jopt-simple 3.2 ................................................................................ 2-72
jQuery .............................................................................................. 2-73
jQuery 1.4.2 ..................................................................................... 2-73
jRuby 1.0.3/1.6.0 ............................................................................. 2-73
Jung 2.0.1 ....................................................................................... 2-80
JUnit test library (junit-3.8.1.jar) ...................................................... 2-80
Jython ............................................................................................. 2-84
lockfile 0.8 ...................................................................................... 2-84
lxml 2.2.2 ....................................................................................... 2-85
Mako 0.2.5 ...................................................................................... 2-85
Markdown 2.0.3 ............................................................................... 2-85
Markdown 2.0.3 ............................................................................... 2-86
MarkupSafe 0.9.3 ........................................................................... 2-86
Mokito mockito-all-1.8.2.jar/mockito-all-1.8.2.jar/mockito-all-1.8.5.jar 2-87
MooTools-Core, MooTools-More, MooTools-Art 1.2.4 ....................... 2-87
Mortbay jetty web server / servlet container 6.1.26 ......................... 2-88
MySql for Python 1.2.3c1, python-daemon 1.5.1, enum 0.4.4 ............... 2-88
MXj4 3.0.1 ..................................................................................... 2-89
Netty 3.2.1.Final .............................................................................. 2-90
OpenJPA 1.2.1 ............................................................................... 2-91
Oro 2.0.8 ....................................................................................... 2-91
paranamer-2.1.jar; 2.3.jar ................................................................. 2-91
processing 0.52 ................................................................. 2-92
Project JAXB 2.1.12 ............................................................. 2-92
Plexus ............................................................................ 2-99
Postgresql 9.0-801.jdbc4 ................................................. 2-99
pyxelerator 0.6.4.1 .......................................................... 2-99
pyselite 2.55 .................................................................. 2-100
Python-pam 0.1.3 ............................................................ 2-101
Python-paste 1.7.2 .......................................................... 2-101
PyYAML 3.09 ................................................................... 2-101
Raphael ........................................................................... 2-102
simplejson 2.0.9 ............................................................ 2-102
slf4j-simple-1.6.1.jar .................................................. 2-103
SLF4J 1.6.1 ........................................................................ 2-103
Snappy 1.0.3 ..................................................................... 2-103
South 0.7 ......................................................................... 2-104
Spring 3.0.4.RELEASE Apache 2.0 ............................... 2-104
sshj 0.5.0 .......................................................................... 2-105
Stax 1.0.1 ......................................................................... 2-106
StringTemplate 3.1b1 .................................................... 2-106
threadframe 0.2 ............................................................. 2-107
Tokenizer.java ............................................................... 2-107
Twisted 8.2.0 .................................................................. 2-108
Usertype for Hibernate Parent1.8 ................................. 2-109
Werkzeug 0.5.1 ............................................................... 2-109
windmill 1.3 .................................................................... 2-109
Xerces ............................................................................ 2-110
xmlenc 0.52 ...................................................................... 2-110
xpp3 1.1.4c ....................................................................... 2-111
XStream 1.3.1 ................................................................ 2-113
ZoneTransfer.java ........................................................ 2-114
zope.interface 3.5.2 ......................................................... 2-114
Java HotSpot Virtual Machine ........................................ 2-115
MySQL Database Standard Edition .............................. 2-115
Oracle Integrated Lights Out Manager (ILOM) ............... 2-115
Oracle Linux .................................................................. 2-116
GNU GENERAL PUBLIC LICENSE Version 2 .................. 2-117
Oracle NoSQL Database .................................................. 2-122
GNU AFFERO GENERAL PUBLIC LICENSE ...................... 2-123
Copyright © 2000-2005 INRIA, France Telecom .......... 2-132
Google Web Toolkit License Terms ............................... 2-133
Jetty Project License Terms ............................................ 2-133
Jetty Web Container ....................................................... 2-133
Puppet ........................................................................... 2-137
GNU GENERAL PUBLIC LICENSE Version 2 .................. 2-137
Open-Source R Distribution ............................................. 2-142
GNU GENERAL PUBLIC LICENSE Version 2 .................. 2-143
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.
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 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.

<table>
<thead>
<tr>
<th>Software</th>
<th>License</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle Linux</td>
<td>Perpetual for life of hardware</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
<tr>
<td>Java HotSpot Virtual Machine</td>
<td>Perpetual for life of hardware</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
<tr>
<td>Cloudera’s Distribution including Apache Hadoop</td>
<td>Perpetual for life of hardware</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
<tr>
<td>Cloudera Manager</td>
<td>Perpetual for life of hardware</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
<tr>
<td>MySQL Database Standard Edition</td>
<td>Restricted use(^1)</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
<tr>
<td>Oracle NoSQL Database Community Edition</td>
<td>GNU Affero General Public License Version 3 (AGPLv3)</td>
<td>None(^1)</td>
</tr>
<tr>
<td>Open Source R</td>
<td>Perpetual for life of hardware</td>
<td>Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems</td>
</tr>
</tbody>
</table>

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

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 Connector for Hadoop
- Oracle Direct Connector for Hadoop Distributed File System

Oracle Big Data Connectors must be licensed for all processors of Oracle Big Data Appliance or for all processors of the Hadoop cluster when not licensed on Oracle Big Data Appliance. The individual components are available only as part of the Oracle Big Data Connectors license. They 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 and must be installed and configured manually. 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.
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
- Open-Source R Distribution
- ROracle
- Sun Datacenter InfiniBand Switch 36
- Sun Network QDR InfiniBand Gateway Switch

**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>
<thead>
<tr>
<th>Software</th>
<th>Source Code Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cloudera’s Distribution including Apache Hadoop</td>
<td>All Oracle Big Data Appliance servers in directory</td>
</tr>
<tr>
<td></td>
<td>/opt/oss/src/CDH3u2/</td>
</tr>
<tr>
<td>Java HotSpot Virtual Machine(^1)</td>
<td>All Oracle Big Data Appliance servers in zip file</td>
</tr>
<tr>
<td></td>
<td>/usr/java/jdk1.6.0_29/src.zip</td>
</tr>
</tbody>
</table>

\(^1\) Java HotSpot Virtual Machine includes OpenJDK.
Offer to Provide Source Code

Table 2–1 (Cont.) Location of Source Code

<table>
<thead>
<tr>
<th>Software</th>
<th>Source Code Location</th>
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</thead>
<tbody>
<tr>
<td>MySQL Community Edition</td>
<td><a href="http://downloads.mysql.com/archives.php?p=mysql-5.5&amp;v=5.5.18">http://downloads.mysql.com/archives.php?p=mysql-5.5&amp;v=5.5.18</a></td>
</tr>
<tr>
<td>Open Source R</td>
<td>All Oracle Big Data Appliance servers in directory /opt/oss/src/R/</td>
</tr>
<tr>
<td>Oracle Hardware Installation Assistant</td>
<td><a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Sun x86 Servers, then Sun Fire X4270 M2 Server.</td>
</tr>
<tr>
<td>Oracle Integrated Lights Out Manager</td>
<td><a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Sun x86 Servers, then Sun Fire X4270 M2 Server.</td>
</tr>
<tr>
<td>Oracle Linux</td>
<td><a href="http://oss.oracle.com/o15/">http://oss.oracle.com/o15/</a></td>
</tr>
<tr>
<td>Puppet</td>
<td>All Oracle Big Data Appliance servers in directory /opt/oss/src/Puppet/</td>
</tr>
<tr>
<td>Sun Datacenter InfiniBand Switch 36</td>
<td><a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Networking, then Sun Datacenter InfiniBand Switch 36.</td>
</tr>
<tr>
<td>Sun Network QDR InfiniBand Gateway Switch</td>
<td><a href="http://oss.oracle.com/systems-opensourcecode/">http://oss.oracle.com/systems-opensourcecode/</a> Expand Networking, then Sun Datacenter InfiniBand GW Switch.</td>
</tr>
</tbody>
</table>

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:

Oracle America, Inc.
Attn: Associate General Counsel
Development and Engineering Legal
500 Oracle Parkway, 10th Floor
Redwood Shores, CA 94065

or by sending an email to Oracle using the following link:

BDA-info@oracle.com

Your request should include:

- The name of the component or binary file(s) for which you are requesting the source code
- The name and version number of the Oracle product
- The date you received the Oracle product
- Your name
- Your company name (if applicable)
- Your return mailing address and email
- A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing. Your request must be sent.
(i) within three (3) years of the date you received the Oracle product that included the component or binary file(s) that are the subject of your request, or
(ii) in the case of code licensed under the GPL v3, for as long as Oracle offers spare parts or customer support for that product model.

Cloudera Products

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The following are expressly licensed to you under the terms of the LGPL, either version 2.1 or 3 as indicated, and not under the terms of your Oracle license agreement:

- Beanshell 2.0b4 LGPL v3
- c3p0 0.9.1 LGPL v2.1
- Hibernate 3.6.2.Final LGPL v2.1
- JavaMelody 1.30.0 LGPLv3
- JRobin 1.5.9 LGPLv3

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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Apache Http Components 4.1.1

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**Apache Ivy ivy-2.1.0.jar**

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The snowball stemmers in contrib/analyzers/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in contrib/analyzers/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton.

The full snowball package is available from http://snowball.tartarus.org/

The Arabic, Persian, Romanian, Bulgarian, and Hindi analyzers (contrib/analyzers) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
contrib/analyzers/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
contrib/analyzers/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
contrib/analyzers/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt


The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
contrib/analyzers/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (contrib/analyzers) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (contrib/analyzers) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in


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Includes lib/servlet-api-2.4.jar from Apache Tomcat
Includes lib/ant-1.7.1.jar and lib/ant-junit-1.7.1.jar from Apache Ant
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- Xerces (contrib/benchmark/lib/xercesImpl-2.9.1-patched-XERCESJ-1257.jar)

The SmartChineseAnalyzer source code (under contrib/analyzers) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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Apache Maven

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Apache POI 3.7

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Office Open XML schemas (ooxml-schemas-1.0.jar)

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compiler/cpp/src/generate/t_erl_generator.cc
compiler/cpp/src/generate/t_hsv_generator.cc
compiler/cpp/src/generate/t_java_generator.cc
compiler/cpp/src/generate/t_ocaml_generator.cc
compiler/cpp/src/generate/t_perl_generator.cc
compiler/cpp/src/generate/t_php_generator.cc
compiler/cpp/src/generate/t_py_generator.cc
compiler/cpp/src/generate/t_rb_generator.cc
compiler/cpp/src/generate/imc_generator.cc
compiler/cpp/src/generate/imc_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parser/t_field.h
compiler/cpp/src/parser/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/TProtocolUtil.cs
lib/csharp/src/Protocol/TServer.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/Thread.java
lib/csharp/src/Server/ThreadPoolServer.cs
lib/csharp/src/TAException.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
lib/csharp/src/Transport/TTTransport.cs
lib/csharp/src/Transport/TTTransportException.cs
lib/csharp/src/Transport/TTTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
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Async-http-client1.6.5

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**cglib 2.2**

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**Christoph Schwering's IRC library irclib.jar**

Check the project's home page: http://moepii.sourceforge.net

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classworlds 1.1

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**concurrent libraries 1.3.4**

Oracle gratefully acknowledges the contributions of Doug Lea in his development of concurrent libraries.

**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 1.0.2

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**Django Extensions 0.5**

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**Django_cpserver 19739bea057d824d9cd6c10c4caec622e8e1c0b9**

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Django_debug_toolbar 0.7.0

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dnsjava 2.0.8

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DOM4J library (dom4j-1.6.1.jar)

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EhCache 2.4.3

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ASM: a very small and fast Java bytecode manipulation framework

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Eclipse JDT core core-3.1.1

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**hsqldb 1.8.0.7/1.8.0.10**

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jdbcdslog-exp 1.0.6

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Jamon 2.3.0

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**Java Simple Utils inject-1.0.jar**

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**JCraft JSch package**


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JLine console input library jline-0.9.94

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Joda-time 1.6.2

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jopt-simple 3.2

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jQuery 1.4.2

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jRuby 1.0.3/1.6.0

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lockfile 0.8

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MooTools-Core, MooTools-More, MooTools-Art 1.2.4

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

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Postgresql 9.0-801.jdbc4

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pyexelerator 0.6.4.1

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Python-pam 0.1.3

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Python-paste 1.7.2

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PyYAML 3.09

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simplejson 2.0.9

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South 0.7

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**Usertype for Hibernate Parent1.8**

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**windmill 1.3**

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xmlenc 0.52

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xpp3 1.1.4c

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zope.interface 3.5.2

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Martyn Plummer
Brian Ripley
Deepayan Sarkar
Duncan Temple Lang
Luke Tierney
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unzip.h -- IO for uncompress .zip files using zlib

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