

Oracle® Big Data Appliance

Licensing Information

Release 1 (1.1)

E36160-01

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Describes licensing and support for Oracle Big Data Appliance.

Oracle Big Data Appliance Licensing Information, Release 1 (1.1)

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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/E36174_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 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.

| 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 |
| Open Source R | 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*

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.

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](#)
- [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 2-1 Location of Source Code

| Software | Source Code Location |
|---|---|
| Cloudera's Distribution including Apache Hadoop | All Oracle Big Data Appliance servers in directory <code>/opt/oss/src/CDH3u2/</code> |
| Java HotSpot Virtual Machine ¹ | All Oracle Big Data Appliance servers in zip file <code>/usr/java/jdk1.6.0_29/src.zip</code> |

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

| Software | Source Code Location |
|---|---|
| MySQL Community Edition | http://downloads.mysql.com/archives.php?p=mysql-5.5&v=5.5.18 |
| Open Source R | All Oracle Big Data Appliance servers in directory <code>/opt/oss/src/R/</code> |
| Oracle Hardware Installation Assistant | http://oss.oracle.com/systems-opensourcecode/ Expand Sun x86 Servers, then Sun Fire X4270 M2 Server. |
| Oracle Integrated Lights Out Manager | http://oss.oracle.com/systems-opensourcecode/ Expand Sun x86 Servers, then Sun Fire X4270 M2 Server. |
| Oracle Linux | http://oss.oracle.com/ol5/ |
| 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, then Sun Datacenter InfiniBand Switch 36. |
| Sun Network QDR InfiniBand Gateway Switch | http://oss.oracle.com/systems-opensourcecode/ Expand Networking, then 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:

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
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- The date you received the Oracle product
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- c3p0 0.9.1 LGPL v2.1
- 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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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from <http://aspell.sourceforge.net/test/batch0.tab>.

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Apache Http Components 4.1.1

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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
```

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

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

```
contrib/analyzers/stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
```

See <http://project.carrot2.org/license.html>.

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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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3. <http://www.microsoft.com/interop/osp/>
4. <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ECMA-376%20Edition%201%20Microsoft%20Patent%20Declaration.pdf>
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 compiler/cpp/src/generate/t_cpp_generator.cc
 compiler/cpp/src/generate/t_csharp_generator.cc
 compiler/cpp/src/generate/t_erl_generator.cc
 compiler/cpp/src/generate/t_hs_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/t_st_generator.cc
 compiler/cpp/src/generate/t_xsd_generator.cc
 compiler/cpp/src/main.cc
 compiler/cpp/src/parse/t_field.h
 compiler/cpp/src/parse/t_program.h
 compiler/cpp/src/platform.h
 compiler/cpp/src/thrift.ll
 compiler/cpp/src/thrift.yy
 lib/csharp/src/Protocol/TBinaryProtocol.cs
 lib/csharp/src/Protocol/TField.cs
 lib/csharp/src/Protocol/TList.cs
 lib/csharp/src/Protocol/TMap.cs
 lib/csharp/src/Protocol/TMessage.cs
 lib/csharp/src/Protocol/TMessageType.cs
 lib/csharp/src/Protocol/TProtocol.cs
 lib/csharp/src/Protocol/TProtocolException.cs
 lib/csharp/src/Protocol/TProtocolFactory.cs
 lib/csharp/src/Protocol/TProtocolUtil.cs
 lib/csharp/src/Protocol/TSet.cs
 lib/csharp/src/Protocol/TStruct.cs
 lib/csharp/src/Protocol/TType.cs
 lib/csharp/src/Server/TServer.cs
 lib/csharp/src/Server/TSimpleServer.cs
 lib/csharp/src/Server/TThreadPoolServer.cs
 lib/csharp/src/TApplicationException.cs
 lib/csharp/src/Thrift.csproj

```
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift
```

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asm asm-3.1.jar

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AspectJ aspectjtools-1.6.5.jar

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Async-http-client1.6.5

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amoeller@cs.au.dk

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cglib 2.2

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CherryPy 3.1.2

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Christoph Schwering's IRC library irclib.jar

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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 Extensions 0.5

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Django_cpserver 19739bea057d824d9cd6c10c4caec622e8e1c0b9

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Django_debug_toolbar 0.7.0

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Django_nose

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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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Java Simple Utils inject-1.0.jar

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Java xmlbuilder java-xmlbuilder-0.3.jar

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JLine console input library jline-0.9.94

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jopt-simple 3.2

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JUnit test library (junit-3.8.1.jar)

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lockfile 0.8

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lxml 2.2.2

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processing 0.52

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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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pyxelerator 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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SLF4J 1.6.1

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Snappy 1.0.3

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South 0.7

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sshj 0.5.0

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Tokenizer.java

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Usertype for Hibernate Parent1.8

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windmill 1.3

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xpp3 1.1.4c

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zope.interface 3.5.2

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Duncan Temple Lang
Luke Tierney
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unzip.h -- IO for uncompress .zip files using zlib

Version 1.01e, February 12th, 2005

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