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## 1.6 apache-xerces 2.9.1

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Before building Xerces, you need the source package and tools package available from the Apache XML Project's distribution web page:

<http://xml.apache.org/dist/xerces-j/>

Download both the Xerces-J-src.X.Y.Z.zip and Xerces-J-tools.X.Y.Z.zip files for the appropriate Xerces release (where "X.Y.Z" is the version number) and extract them in the same directory. If you are using Unix, download the equivalent .tar.gz files instead of the .zip files.

You also need to have a Java Development Kit (JDK) version 1.2 (or higher) installed on your system. Before initiating any part of the build, set the JAVA\_HOME environment variable to the installation directory of your JDK.

The Ant program is used to build everything in Xerces, including the documentation. This tool, and the others needed (besides the pre-requisite JDK) are contained within the tools package. To make building the packages easier, a Windows batch file and a Unix shell script are included.

If you only want to compile the source code and make the JAR files, run the following command on Windows:

```
build.bat jars
```

or from Unix (make sure that build.sh is executable):

```
build.sh jars
```

This will compile all of the source code and generate the JAR files that are available as part of the binary package. After building, these files will be located in the build/ directory.

If you want to build everything, including the documentation, run the build batch file (or shell script) specifying the "all" target instead of "jars".

```
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```

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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## 1.26 hibernate-entitymanager 3.4.0.GA :DUPLICATE

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## 1.27 hibernate-validator 3.1.0.GA

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## 1.34 jaxb-xjc 2.1.13

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Hibernate & JBoss libraries

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JARs included in the distribution

1) REQUIRED JARs  
-----

The following JARs are REQUIRED for the proper operation of JBoss Cache, in addition to the jboss-cache-core.jar file:

- \* commons-logging.jar - Used for logging.
- \* jcip-annotations.jar - (<http://jcip.net>) - Annotations used to assert concurrency behaviour of internal classes.
- \* jgroups.jar (<http://jgroups.com>) - Group communications library that is the backbone of JBoss Cache's replication. Necessary even when the cache is run in LOCAL mode.
- \* jboss-common-core.jar - JBoss utilities used by JBoss Cache. Version 2.0.5.GA or above needed if run with JDK 6.
- \* jboss-logging-spi.jar - Required by jboss-common-core.
- \* jta.jar - JTA interfaces. Not needed if these are provided elsewhere, e.g., an application server.

## 2) OPTIONAL JARs

-----

The following JARs are OPTIONAL, based on the use of certain cache features:

- \* je.jar - (licenses/LICENSE-bdbje-lib.txt) - Used by the BDBJECacheLoader, and only necessary if you use this cache loader implementation. BerkeleyDB is a fast and efficient filesystem-based database from Oracle.
- \* c3p0.jar - (<http://sourceforge.net/projects/c3p0>) - Database connection pooling library. Optionally used if you wish to use the JDBCCacheLoader and are not running within an application server (and hence don't have external connection pooling via a DataSource). See the User Guide on enabling C3P0 connection pooling for the JDBCCacheLoader.
- \* jdbm.jar - (<http://jdbm.sourceforge.net/>) - A filesystem-based database similar to BerkeleyDB. Used by the JdbmCacheLoader.
- \* amazon-s3.jar - LGPL licensed utilities for communicating with the Amazon S3 service. Used by the S3CacheLoader.
- \* commons-httpclient.jar - Required by amazon-s3.
- \* commons-codec.jar - Required by amazon-s3.

# 1.39 jboss-ejb3-ext-api 1.0.0

## :3.5.1.1.jdk6.ep5.el5

## 1.39.1 Available under license :

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## 1.45 jetty-util 7.3.1

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 *
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## 1.56 opencsv 2.1

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## 1.59 protobuf-java-format 1.1.1



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## 1.67 trove 1.1-beta-5

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