

Compiling Xindice on Unix

1.0

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1 Intended audience

This How-to is aimed at developers who want to compile Xindice on Unix.

2 Purpose

Following the steps of this how-to should allow you to compile Xindice on unix.

3 Prerequisites

See the [prerequisites](#) page.

4 Steps

4.1 Don't skip the prerequisites

Be sure to follow the [prerequisites](#).

4.2 Verify your environment

Make sure you have the JAVA_HOME environment variable set.

```
quintara:~> echo $JAVA_HOME  
/usr/java/jdk1.3.1_06  
quintara:~>
```

4.3 Compile

Navigate to the location where you untarred your Xindice sources and run the `build.sh`

script. Your output will resemble:

```
quintara:/xml-xindice> ./build.sh

Xindice Build System
-----

Building with classpath java/lib/ant-1.5.1.jar:java/lib/commons-logging-1.0.
1.jar:java/lib/infozone-tools.jar:java/lib/junit-3.8.1.jar:java/lib/junit-ad
dons-1.1.jar:java/lib/junitperf-1.8.jar:java/lib/servlet.jar:java/lib/xalan-
2.4.0.jar:java/lib/xercesImpl-2.1.0.jar:java/lib/xml-apis-1.0b3.jar:java/lib
/xmlldb-api-20021118.jar:java/lib/xmlldb-api-sdk-20021118.jar:java/lib/xmlldb-x
update.jar:java/lib/xmlrpc-1.1.jar::/usr/java/jdk1.3.1_06/lib/tools.jar

Starting Ant...
Buildfile: ./build.xml

init:

src-build:

test-build:

examples-build:

build:

jar-release:

war-release:

examples-release:

release:

BUILD SUCCESSFUL
Total time: 11 seconds
```

Warning:

NOTE: Certain flavors of Unix require a space after the #! in the first line of the shell script. In this case, edit the build.sh file and change the first line from "#!/bin/sh" to "#! /bin/sh".

4.4 Verify the compilation

If the compile was succeeded, you will find the output files in the dist/ subdirectory.

```
quintara:~>ls -l dist
total 2778
-rw-r--r--  1 dviner  users      9467 Nov 21 11:56 xindice-1.1b-examples.jar
-rw-r--r--  1 dviner  users  392842 Nov 21 11:56 xindice-1.1b.jar
```

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```
-rw-r--r-- 1 dviner users 2421719 Nov 21 11:56 xindice-1.1b.war  
quintara:~>
```

4.5 Feedback

If you run into problems, don't worry. Be sure to send [feedback](#) so that we can improve these documents for the next person.