

# 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-addons-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-xupdate.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

#### Note:

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
-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.

## **5. Revisions**

Find a problem with this document? Consider contacting the mailing lists or submitting your own revision. For instructions, read the [How To Submit a Revision](#).