

# Compiling Xindice on Unix

1.0

by Dave Viner, Vadim Gritsenko

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## 1. Intended audience

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

## 2. Purpose

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

## 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. If you are running Mac OS X, build script will attempt to guess it so you get away with skipping this step.

```
quintara:~> echo $JAVA_HOME
/usr/java/jdk1.3.1_10
quintara:~>
```

### 4.3. Compile

Navigate to the location where you untarred your Xindice sources (or to your svn checkout of Xindice source code) and run the `build.sh` script. Your output will resemble:

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

Apache Xindice Build System
-----
Buildfile: ./build.xml

init:
  [echo] Building with Java 1.3.1_10

compile-src:
  [javac] Compiling 4 source files to
```

```
/home/vgritsenko/xml-xindice/build/classes

jar:
  [jar] Building jar:
/home/vgritsenko/xml-xindice/xindice-1.1b5-dev.jar

bin:
  [copy] Copying 2 files to /home/vgritsenko/xml-xindice/build/bin

war:
  [war] Building war:
/home/vgritsenko/xml-xindice/xindice-1.1b5-dev.war

BUILD SUCCESSFUL
Total time: 2 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 current directory.

```
quintara:~>ls -l dist
total 2778
-rw-r--r--    1 vgritsen  vgritsen   475742 Mar 28 23:35
xindice-1.1b5-dev.jar
-rw-r--r--    1 vgritsen  vgritsen  4279855 Mar 28 23:35
xindice-1.1b5-dev.war
-rw-r--r--    1 vgritsen  vgritsen    1748 Mar 27 22:31
xindice-1.1b5-dev.xml
-rw-r--r--    1 vgritsen  vgritsen    6503 Mar 27 22:31
xindice-dom-1.1b5-dev.jar
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](#).