

Compiling Xindice on Windows

1.1

by Dave Viner

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1. Intended audience

This How-to is aimed at developers who want to compile Xindice from the source distribution or from a Subversion checkout on Windows.

2. Purpose

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

3. Prerequisites

Obtain a working version of the JDK 1.3 or higher. You can get the jdk from lots of places, one of which is [Sun](#).

Obtain the Xindice [sources](#) from the download page or via [Subversion checkout](#).

4. Steps

4.1. Place holders used in the Steps

- {XINDICE_HOME} - Directory where you have unzipped your Xindice source files.
- {JAVA_VERSION} - Installed JDK Version.

4.2. Verify your environment

Open a new command window. Click Start, choose Run. Enter cmd and hit return. A new command window should appear.

Make sure you have the JAVA_HOME environment variable set.

```
> echo %JAVA_HOME%  
C:\j2sdk{JAVA_VERSION}
```

4.3. Compile

Navigate to the location where you unzipped your Xindice sources (or to your svn checkout of Xindice source code) and run the build batch file. Your output will resemble:

```
> cd {XINDICE_HOME}  
> build  
Using Java from C:\j2sdk{JAVA_VERSION}
```

```
Buildfile: build.xml

init:
  [echo] Building with Java {JAVA_VERSION}

compile-src:
  [mkdir] Created dir: {XINDICE_HOME}\build\classes-dom
  [javac] Compiling 4 source files to {XINDICE_HOME}\build\classes-dom
  [mkdir] Created dir: {XINDICE_HOME}\build\classes
  [javac] Compiling 287 source files to {XINDICE_HOME}\build\classes

compile-test:
  [mkdir] Created dir: {XINDICE_HOME}\build\classes-tests
  [mkdir] Created dir: {XINDICE_HOME}\build\test-results
  [javac] Compiling 62 source files to {XINDICE_HOME}\build\classes-tests
  [copy] Copying 65 files to {XINDICE_HOME}\build\classes-tests

jar:
  [jar] Building jar: {XINDICE_HOME}\xindice-1.1.jar
  [jar] Building jar: {XINDICE_HOME}\xindice-dom-1.1.jar

bin:
  [mkdir] Created dir: {XINDICE_HOME}\build\bin
  [copy] Copying 5 files to {XINDICE_HOME}\build\bin

war:
  [copy] Copying 1 file to {XINDICE_HOME}
  [war] Building war: {XINDICE_HOME}\xindice-1.1.war

BUILD SUCCESSFUL
Total time: 13 seconds
```

4.4. Verify the compilation

If the compile was succeeded, you will find the output files in the current directory.

```
> dir xindice-*

Directory of {XINDICE_HOME}

09/27/2007  09:24 PM                628,694 xindice-1.1.jar
09/27/2007  09:24 PM            5,184,315 xindice-1.1.war
09/27/2007  09:24 PM                1,791 xindice-1.1.xml
09/27/2007  09:24 PM                6,535 xindice-dom-1.1.jar
               4 File(s)            5,821,335 bytes
               0 Dir(s)      3,745,992,704 bytes free
```

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.