

# Incremental Building

Setup these environment variables to do iterative development of a particular module, AWT for example (avoid having to build the whole JDK)

```
export JDK7_BASE=<path to your local JDK7 copy>
export JDK7_BUILD=$JDK7_BASE/build
export ALT_OUTPUTDIR=$JDK7_BUILD/macosex-universal
export ALT_BOOTDIR=$ALT_OUTPUTDIR/j2sdk-image/1.7.0.jdk/Contents/Home/
export ALT_JDK_IMPORT_PATH=$ALT_BOOTDIR
cd $JDK7_BASE/jdk/make/sun/awt/
make
```

To run your changes, prepend the bootclasspath, and set DYLD\_LIBRARY\_PATH:

```
export _JAVA_OPTIONS=-Xbootclasspath/p:$JDK7_BUILD/macosex-universal/classes/
export DYLD_LIBRARY_PATH=$JDK7_BUILD/macosex-universal/lib/
$JAVA_HOME/bin/java -jar /Developer/Extras/Java/JFC/SwingSet2/SwingSet2.jar
```

More helpful suggestions to decrease your build time:

- [http://blogs.oracle.com/kto/entry/faster\\_openjdk\\_build\\_tricks](http://blogs.oracle.com/kto/entry/faster_openjdk_build_tricks)