

# Geronimo Eclipse Plugin Build Instructions

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### Building From Source

#### Prerequisites:

- [Apache Maven \(2.0.6+\)](#)
- [Subversion \(1.2+\)](#)
- [JDK 5.0+ \(J2SE 1.5.0+\)](#)

#### Obtaining the Source Code:

Once the prerequisites are installed, invoke the following command from the command line to **check out** the source of trunk. The root of the source tree for the Elipse plugin is located in an svn repository at <http://svn.apache.org/repos/asf/geronimo/devtools/eclipse-plugin/trunk>

```
svn co http://svn.apache.org/repos/asf/geronimo/devtools/eclipse-plugin/trunk trunk
```

#### Building:

Then, from within the `geronimo-eclipse` directory, simply invoke one of the following commands. This will run through the entire build process from compilation to generating the distributions.

```
mvn install  
mvn clean install
```



The following environment variable needs be set to properly configure the JVM to meet memory requirements.

*MAVEN\_OPTS="-Xms512m -Xmx512m -XX:MaxPermSize=256m"*

On Windows use the following command to set the environment variable (note that double quotes should not be used):  
set MAVEN\_OPTS=-Xms512m -XX:MaxPermSize=128m



You do not need to manually download Eclipse or the web tools project to build. This is taken care of for you automatically during the build process.

#### Disabling Tests:

To disable unit tests while building:

```
mvn install -Dtest=false
```



This is not recommended!!