

Netbeans Setup Notes

Setup Maven On Linux

Download the [tarball for Maven 2.2](#).

On Linux, setup Maven as follows.

Untar the download in the directory where you wish to install Maven.

```
tar -zxvf apache-maven-2.2.1-bin.tar.gz
```

Setup the Maven environment. You may want to add these lines to your shell profile, which is `~/.bash_profile` for the bash shell.

```
export MAVEN_HOME=/path/to/apache-maven-2.2.1
export PATH=$MAVEN_HOME/bin:$PATH
```

Now if you type the command `mvn` Maven should bootstrap itself.

Setup Maven On Windows

Download the [Maven 2.2.1 zip file](#).

Unzip this file in the directory where you want to install Maven by moving the zip file there, right clicking on it, and selecting **Extract Here**.

The **MAVEN_HOME** variable needs to be set. Under the **Start** menu, open **Control Panel** under **Settings**. Now double click on the **System** icon. Go to the **Advanced** tab. Click **Environment Variables**. Under the **System variables** box click **New**. Now enter the path to maven by going to the directory in Explorer and copying it into the **Variable value** box. In the **Variable name** box type **MAVEN_HOME**. Click **OK**.

Add Maven's bin directory to the **Path** by find the variable called **Path** in the **System variables** box. Select this line and then click **Edit**. Hit the **End** key to go to the end of this variable. Type the `;` character, which is the path separator, and then paste the value `%MAVEN_HOME%\bin`. Make sure not to overwrite the paths that are already there, or you could really mess up your system. Click **OK**.



Adding an environment variable on Windows

Read this [support page](#) if you are unsure how to add environment variables on Windows.

Click on **Run** in the **Start** menu. Open a command window by typing `cmd` in the box and hitting **Enter**. In the command window that pops up, type `mvn` and enter. Maven should bootstrap itself if you have setup everything correctly. If the command is not found, check that the **Path** variable contains `%MAVEN_HOME%\bin`.

Setup Netbeans

Go to [Netbeans Downloads](#) and get the [Java version](#).

Run the installer.

Uncheck register and usage boxes.

In Netbeans, go to **Tools > Options > Miscellaneous > Maven**.

In the box that says **External Maven Home**, enter the path from the **MAVEN_HOME** variable.

Check the **Skip Tests** button.

Under **Global Execution Options**, put in `-q` to turn off verbose Maven output.

The option `-o` can be added when you are running without an internet connection.

Netbeans Settings

To fix running Maven TestCases in Netbeans, right-click on the project and go to **Properties > Build**. Click on **Compile**. Set **Compile on Save** to **For application execution only**.

Increase the VM heap size for the project by going to the project's **Properties** and under **VM Options** in **Run**, put in `-Xmx1024m` or however much memory is appropriate for your system. The default is usually `-Xmx512`, which may not be enough for running some tests.