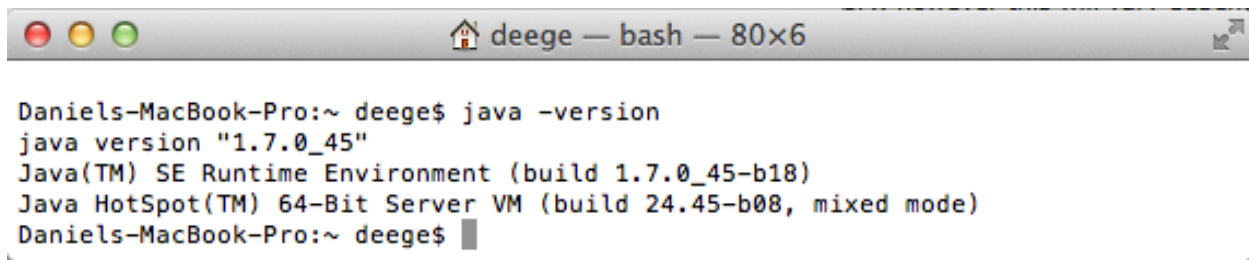


These instructions walk you through installing Maven on a Macintosh. These instructions should work for any Linux based operating system.

Maven is a Java based tool. This means you must have Java installed before installing Maven. You can verify Java is installed on your machine by running the following command in a Terminal window.

```
java -version
```

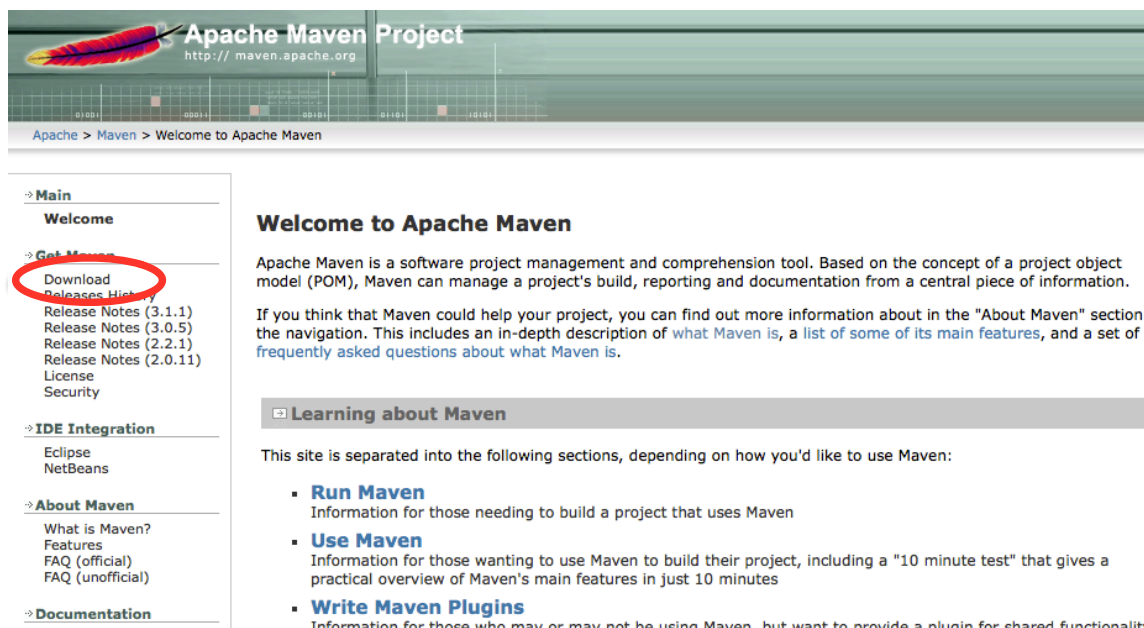
You should see results similar to the following window.

A screenshot of a macOS Terminal window. The title bar shows a home icon, the text 'deege — bash — 80x6', and window control buttons. The terminal text shows the command 'java -version' being executed, resulting in the output: 'java version "1.7.0_45"', 'Java(TM) SE Runtime Environment (build 1.7.0_45-b18)', and 'Java HotSpot(TM) 64-Bit Server VM (build 24.45-b08, mixed mode)'. The prompt 'Daniels-MacBook-Pro:~ deege\$' is visible at the end of each line.

```
Daniels-MacBook-Pro:~ deege$ java -version
java version "1.7.0_45"
Java(TM) SE Runtime Environment (build 1.7.0_45-b18)
Java HotSpot(TM) 64-Bit Server VM (build 24.45-b08, mixed mode)
Daniels-MacBook-Pro:~ deege$
```

To install Maven, follow these steps.

- 1) Go to the website <http://maven.apache.org>
- 2) Click on the link “Download”



- 3) Download the current version of Maven. The current version was 3.1.1 at the time this document was created. Any 3.x version should work for this class.

Maven 3.1.1

This is the current stable version of Maven.

	Link	Checksum	Signature
Maven 3.1.1 (Binary tar.gz)	apache-maven-3.1.1-bin.tar.gz	apache-maven-3.1.1-bin.tar.gz.md5	apache-maven-3.1.1-bin.tar.gz.asc
Maven 3.1.1 (Binary zip)	apache-maven-3.1.1-bin.zip	apache-maven-3.1.1-bin.zip.md5	apache-maven-3.1.1-bin.zip.asc
Maven 3.1.1 (Source tar.gz)	apache-maven-3.1.1-src.tar.gz	apache-maven-3.1.1-src.tar.gz.md5	apache-maven-3.1.1-src.tar.gz.asc
Maven 3.1.1 (Source zip)	apache-maven-3.1.1-src.zip	apache-maven-3.1.1-src.zip.md5	apache-maven-3.1.1-src.zip.asc
Release Notes	3.1.1		
Release Reference Documentation	3.1.1		

You can also [download the current documentation](#), i.e. this website.

- 4) Unzip the archive to any directory of your choice. (i.e. – \Tools\Maven\apache-maven-3.1.1) You should create a top level directory for Maven, and then keep each installed version in its own directory. This makes it easier to switch between versions when necessary.
- 5) Create or update your .bash_profile file. Add the following lines

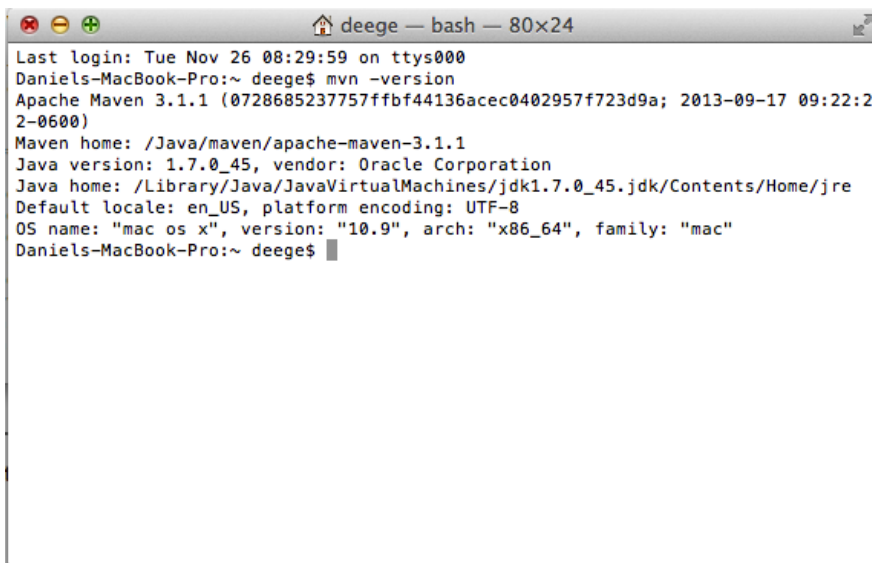
```
export M2_HOME=/Java/maven/apache-maven-3.1.1
export PATH=${PATH}:${M2_HOME}/bin
export JAVA_HOME=/Library/Java/JavaVirtualMachines/jdk1.7.0_45.jdk/Contents/Home
```

The variable JAVA_HOME should point to the JDK installed on your machine. Your directory might be different.

- 6) Open a terminal window and run the following command

```
mvn -version
```

You should see results similar to the image below. If you get different results, review these steps along with the current install instructions on the Maven website.



```
degee — bash — 80x24
Last login: Tue Nov 26 08:29:59 on ttys000
Daniels-MacBook-Pro:~ degee$ mvn -version
Apache Maven 3.1.1 (0728685237757ffbf44136acec0402957f723d9a; 2013-09-17 09:22:22-0600)
Maven home: /Java/maven/apache-maven-3.1.1
Java version: 1.7.0_45, vendor: Oracle Corporation
Java home: /Library/Java/JavaVirtualMachines/jdk1.7.0_45.jdk/Contents/Home/jre
Default locale: en_US, platform encoding: UTF-8
OS name: "mac os x", version: "10.9", arch: "x86_64", family: "mac"
Daniels-MacBook-Pro:~ degee$
```