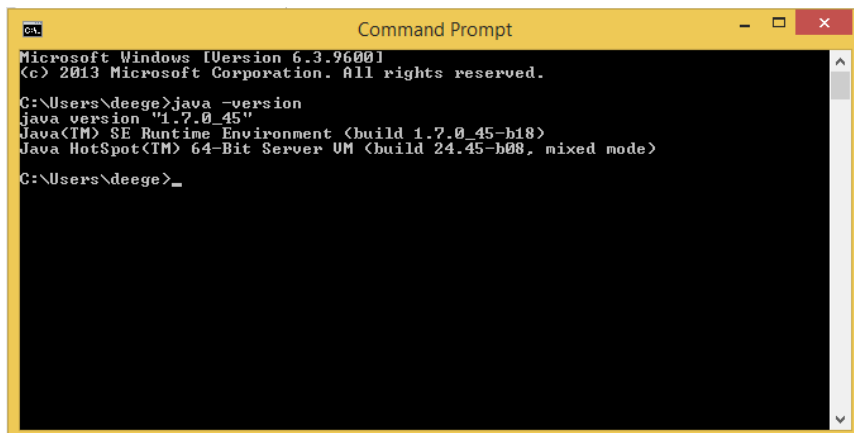These instructions walk you through installing Maven on a Windows PC. These instructions should work for any Windows based operating system, but were created using Windows 8.

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 at a Command Prompt window.

```
java -version
```

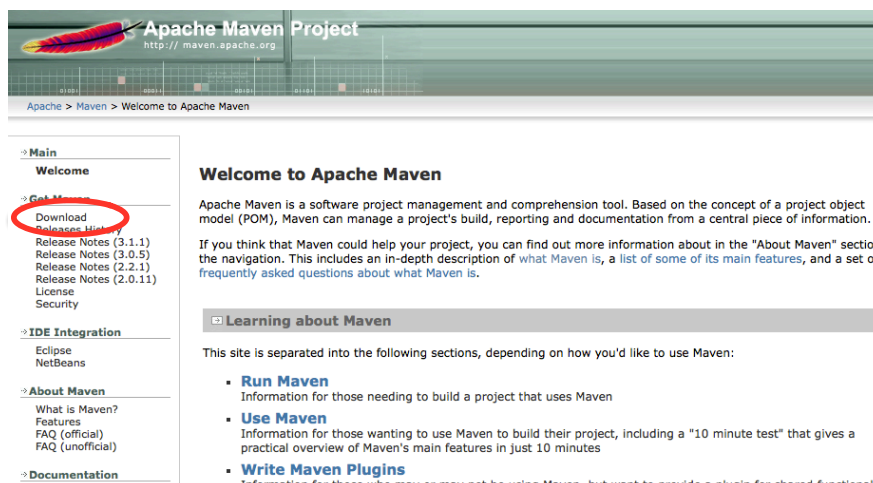You should see results similar to the following window.

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.

4) Unzip the archive to any directory of your choice. (i.e. – C:\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 the following Environment variables: M2, M2_HOME and JAVA_HOME.

M2_HOME   = <<the directory you installed Maven>>
M2   = <<the directory you installed Maven>>\bin
JAVA_HOME = <<the directory you installed Java>>
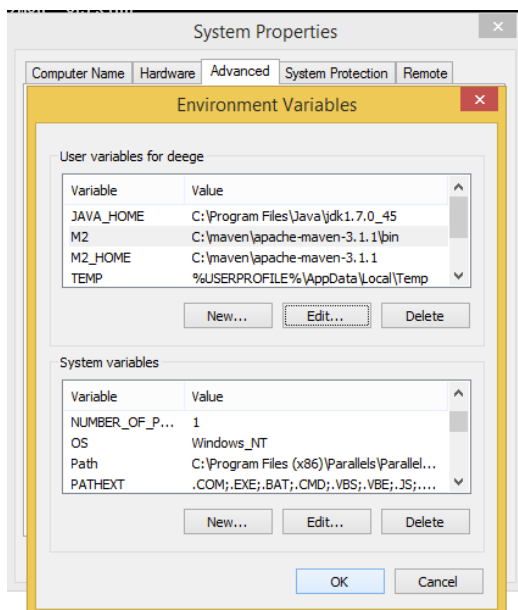
The install instructions on the Maven website tell you to use variables in your variables (i.e. – M2 = %M2_HOME%/bin) but this rarely works, and can be an unnecessary source of frustration. Use the full path values, as in the window above.

6) Append the Maven directory to your Path in your System variables. This is the section below the user variables in the window. The path you append should be the

same as your M2 variable.
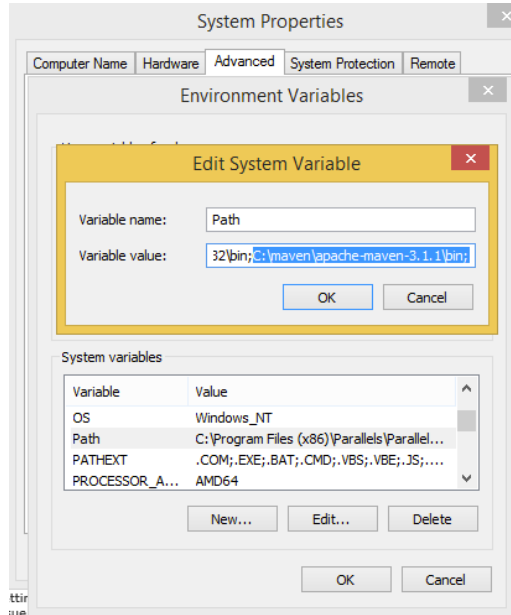
7) Open a terminal window and run the following command

```
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.