Installing and Running Maven Walkthrough
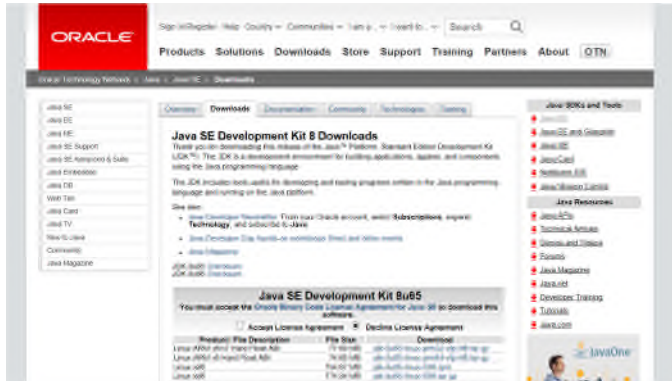
1. Java Installation JDK8 update 66

Download from this link:

http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
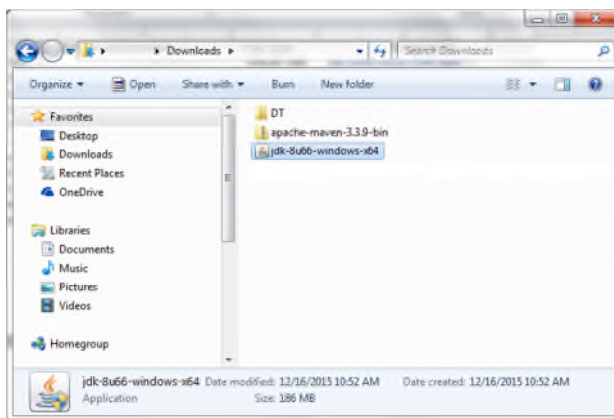

Scroll down to Java SE Development Kit 8u66.

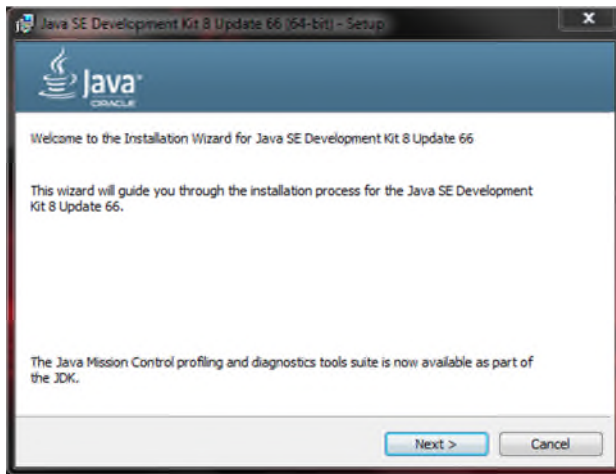Accept License Agreement and select the appropriate download for your operating system.

Open the Application in your download folder (Windows is shown but Mac is very similar).

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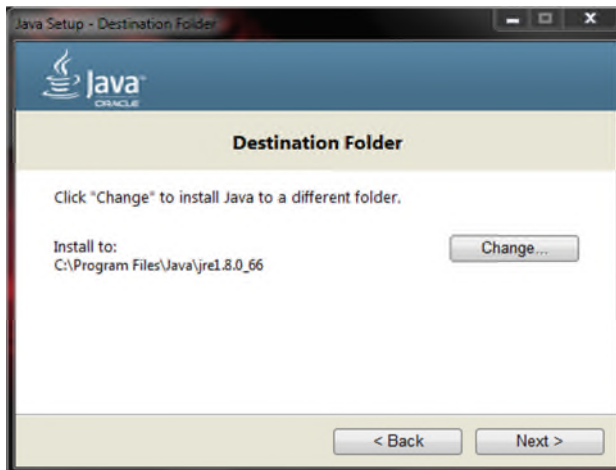Click Next.   Click Next again.
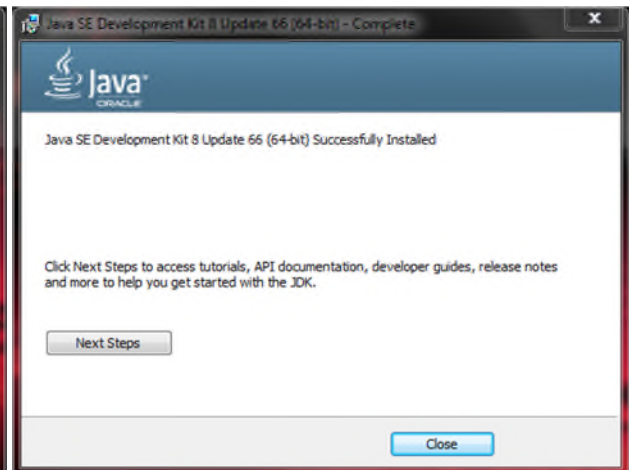

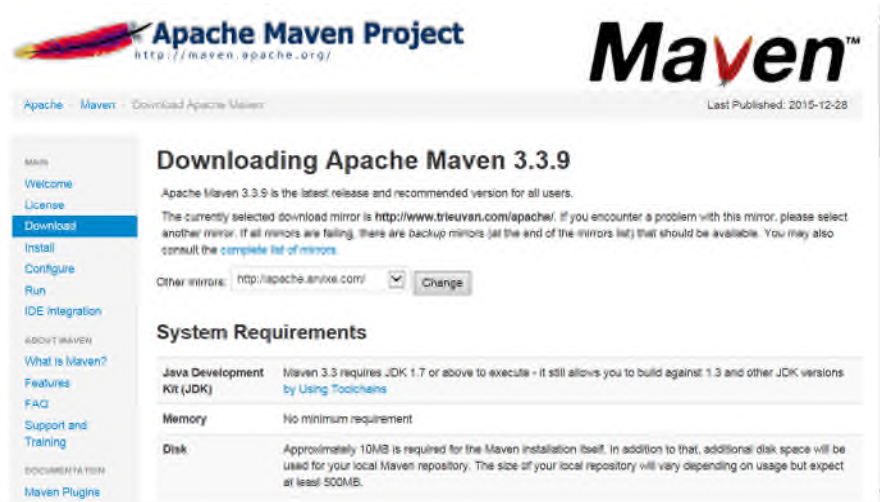And again.   And click Close.

Java SE Development Kit 8 is now successfully installed.

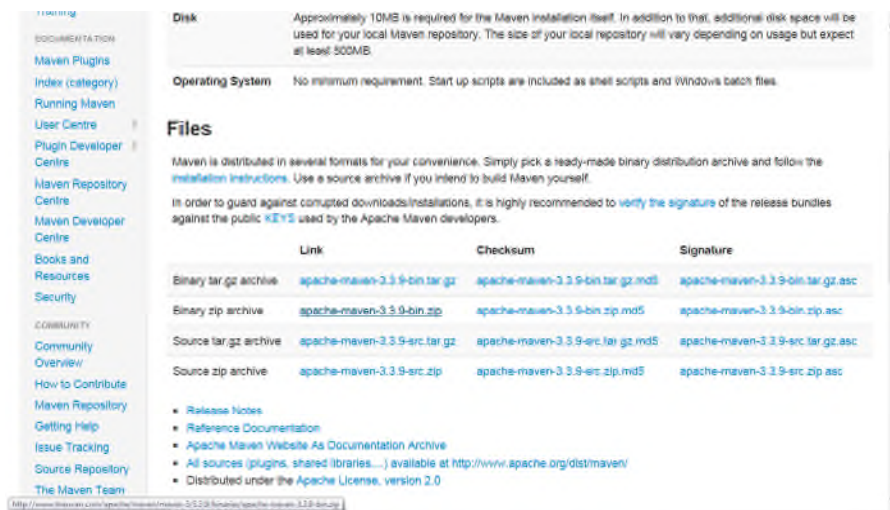# Installing and Running Maven Walkthrough

2. Download the Maven package from:

https://maven.apache.org/download.cgi

Scroll down and download:

apache-maven-3.3.9-bin.zip for Windows

apache-maven-3.3.9-bin.tar.gz for Mac

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Open the file in your download folder.
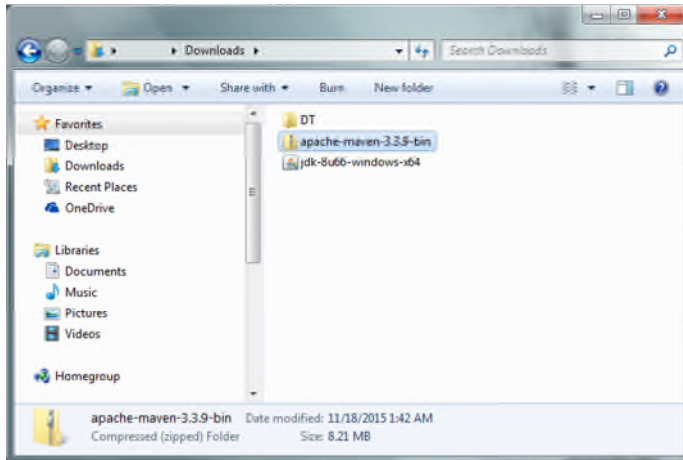
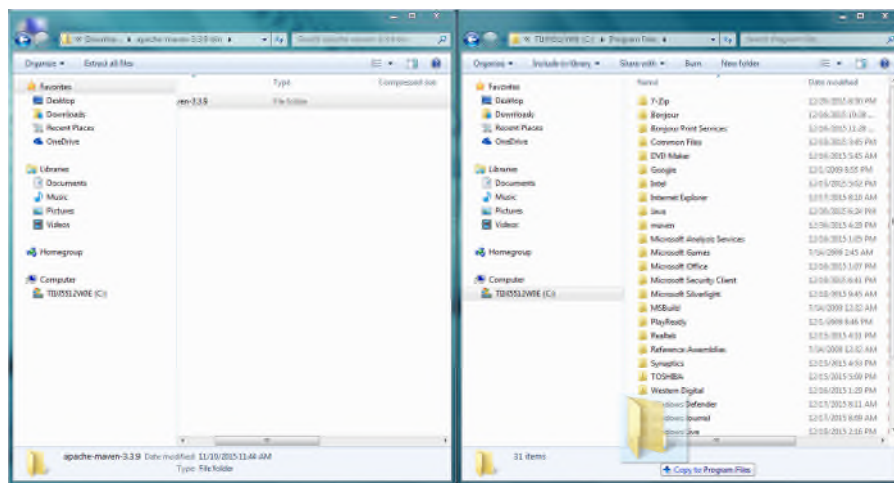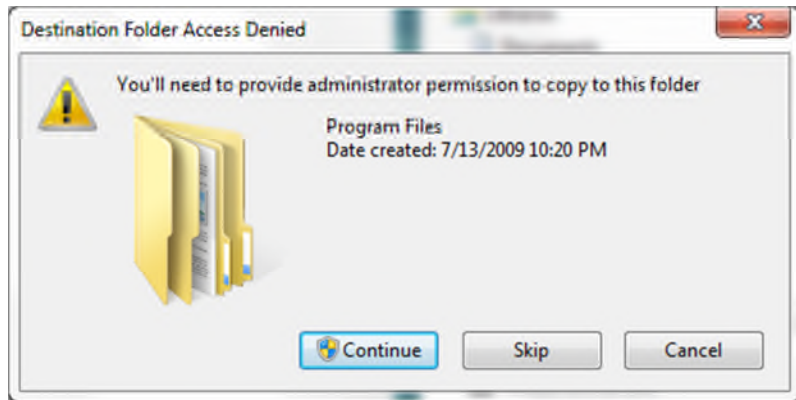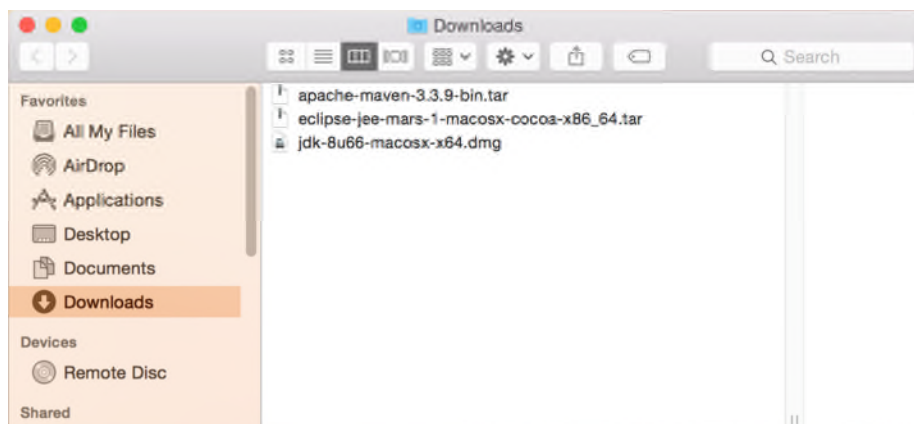Move the apache-maven-3.3.9 folder to the C:\program files\ folder.

Provide administrator permission.
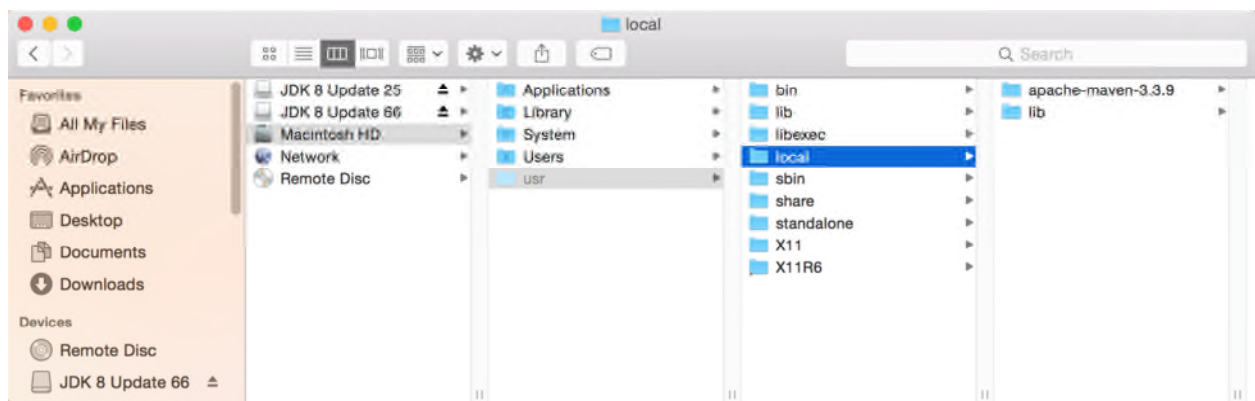
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3b. Installing Maven for Mac

Double-click on the **apache-maven-3.3.9-bin.tar** file it wil be extracted in the same folder.

Move the extracted Folder to **/usr/local.**

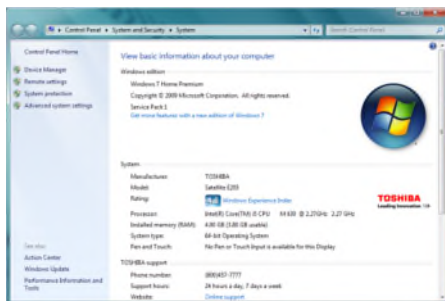Provide the required administrator username and password.

4. Review the setting.xml file.

    For Windows: C:\Program Files\apache-maven-3.3.9\conf
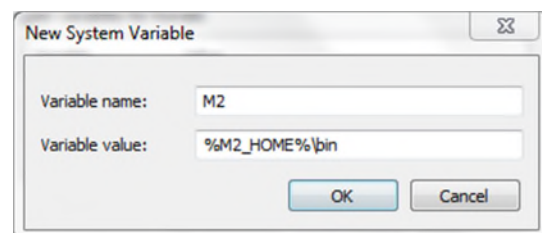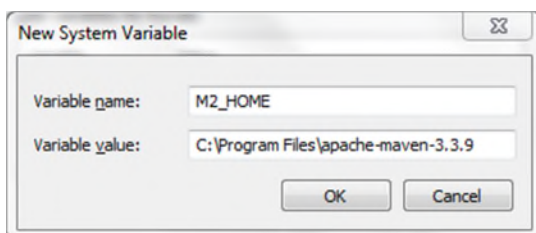   For Mac: /usr/local/apache-maven-3.3.9/conf

5a. Set Environment Variable in Windows

Click → Control Panel → System and Security → System.

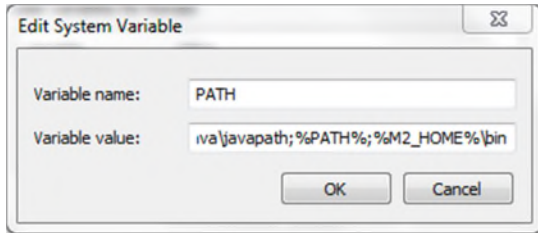Click **Advanced system settings →**
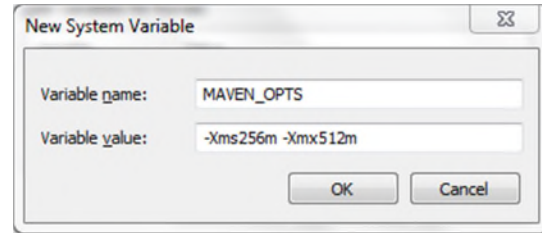**Environment Variables → New…**

Click **OK → New…** (again)

Installing and Running Maven Walkthrough

Click OK → find the PATH and click Edit…

Add to the Variable; do not change what is already there. Values are separated by a ; (semicolon)

Click OK → New…

Edit System Variable

Variable name: PATH

Variable value: ⌐va\javapath;%PATH%;%M2_HOME%\bin

[OK] [Cancel]

New System Variable

Variable name: MAVEN_OPTS

Variable value: -Xms256m -Xmx512m

[OK] [Cancel]

Click OK → OK to close the screens.

5b. Set Environment Variable on MAC

Open Terminal and type:

Go to your home folder **cd ~/**
Open it: **open -a TextEdit.app .bash_profile**
If you don't have the file type **touch .bash_profile** to create a new file named **.bash_profile.**
And add the following lines to it:

```
export JAVA_HOME=$(/usr/libexec/java_home -v 1.8)
export M2_HOME=/usr/local/apache-maven-3.3.9
export M2=/usr/local/apache-maven-3.3.9/bin
export PATH=:/usr/local/apache-maven-
3.3.9/bin:/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin
export MAVEN_OPTS="-Xms256m -Xmx512m"
```

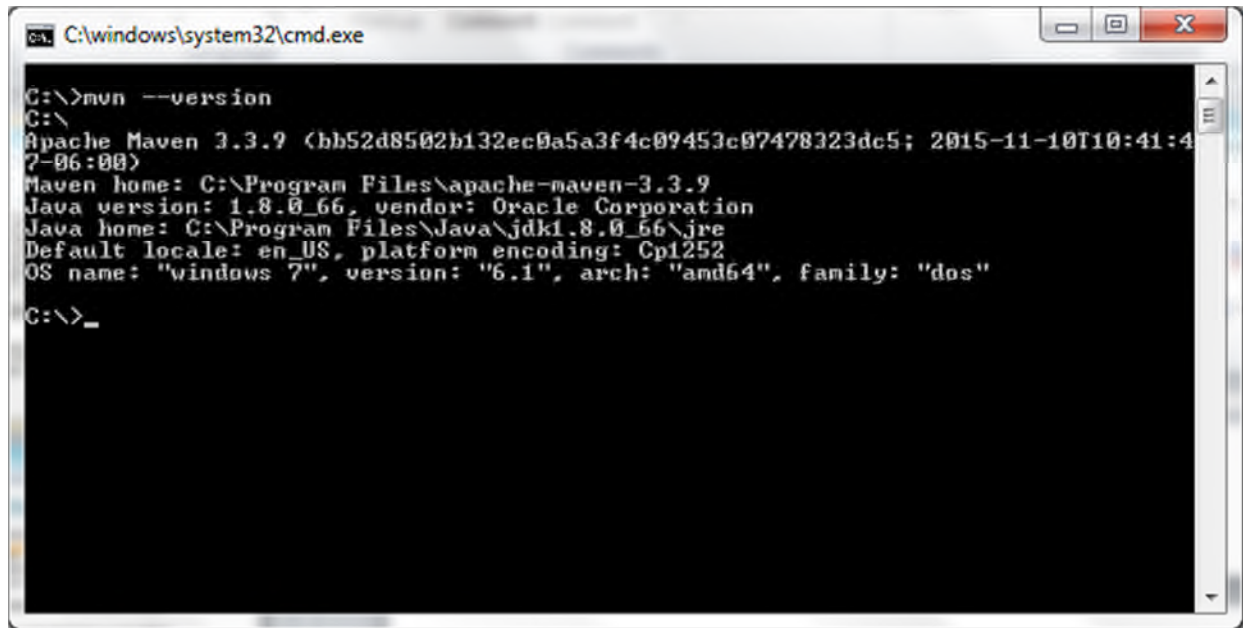Save and exit. (The changes will take effect next time you start Terminal)

6. Run Maven

For windows: Winkey+R type cmd and click OK.
For Mac: Open Terminal

Type mvn --version and hit enter.
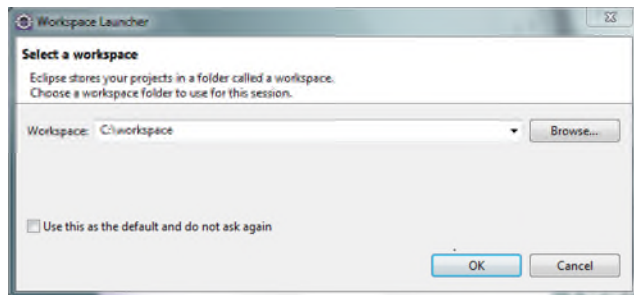
Installing and Running Maven Walkthrough
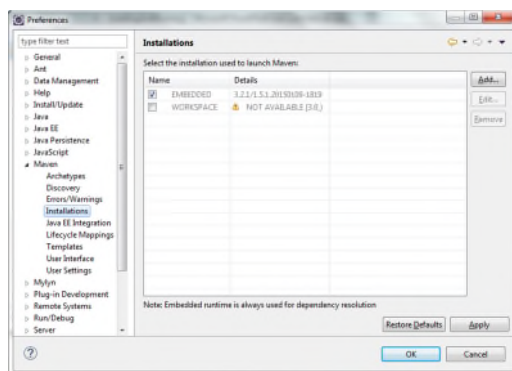

Open Eclipse.

Select a directory to create the folder in or use default.

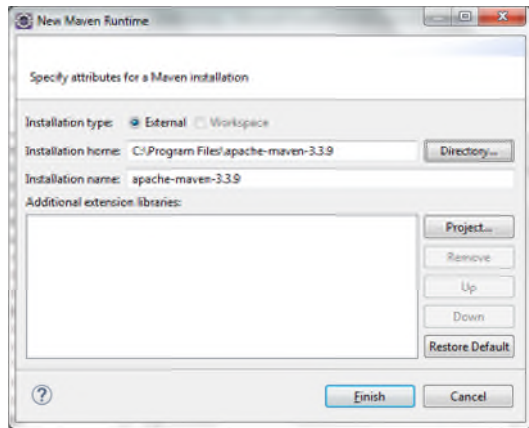Windows: Click Window → Preferences
Mac: Click Eclipse →Preferences

Click Maven →Installations

Click Add…

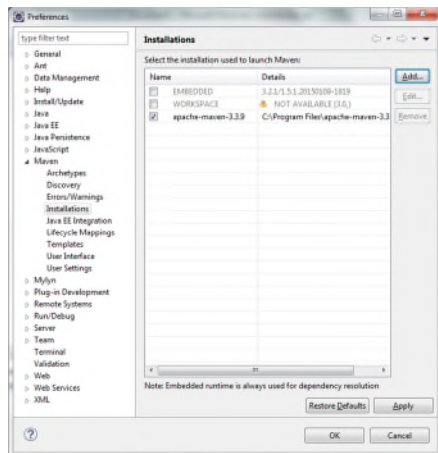# Installing and Running Maven Walkthrough

Type in the location of you apache maven runtime or click Directory to browse to it.

        For Windows: C:\Program Files\apache-maven-3.3.9

        For Mac: \Usr\Local\apache-maven-3.3.9

Click Finish.

Select the new Runtime.

Click OK to Apply and close the window.