

## Installing Eclipse

1. Download the Java JDK (not the JRE) that is appropriate for your platform.
  - a. <http://www.oracle.com/technetwork/java/javase/downloads/index.html>



- b. Click the Download button under JDK:
  - c. Check the acceptance box. Then click the appropriate link to download for your operating system (most likely this is either Mac OSX x64 or Windows x64)
2. Install the Java JDK. Open the file that is downloaded and follow the instructions. This should install the files in a default location:

Mac: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home

Windows: C:\Program Files\Java\jdk1.8.0\_73\bin

\* Windows users should follow these additional steps to add a PATH variable:

- a. Click Start, then Control Panel, then System.
- b. Click Advanced, then Environment Variables.
- c. Add the location of the bin folder of the JDK installation for the PATH variable in System Variables. The following is a typical value for the PATH variable:

C:\WINDOWS\system32;C:\WINDOWS;C:\Program Files\Java\jdk1.8.0\_73\bin

3. Download and install the Eclipse package from <http://www.eclipse.org/home/index.php>
  - a. Click on the download button
    - i. Note in the orange bar at the top, there's a drop-down menu in which you select "Release for". If your computer type isn't automatically selected, make sure you select your computer type.
  - b. Scroll down to the Eclipse Package and select – make sure you select Eclipse IDE for Java Developers (Not the Eclipse IDE for Java EE Developers, which is the first one – that won't hurt anything, but it's huge!)
  - c. Click the download, and save the file.
  - d. Create a folder near your root... example... C:\Eclipse\ and unzip it there. Don't work with it from 'Downloads' or 'My Documents'.

For instructions, follow the video: <https://www.youtube.com/watch?v=dZETVdihbuo>

Start Eclipse Mars J2SE

- e. Open Eclipse by choose the Eclipse.exe icon (round blue ball with horizontal lines) in the folder you just unzipped
- f. Go to Help -> Install New Software
- g. Paste: <http://www.objectaid.net/update> in 'Work with' text box, press 'enter'

- h. Expand the selection (click on the down arrow next to ObjectAid UML Explorer
- i. Choose ONLY ObjectAID Class Diagram... don't choose the other tools (unless you want to pay for them).
- j. Click 'next' until the install is complete. (At some point you'll have to hit the "I accept" button.
- k. When done, you'll have to restart Eclipse. Go ahead.

Watch this video for help: <https://www.youtube.com/watch?v=6yXm84t1Ehw>

### Install JBOSS Tools

- l. Start Eclipse Mars J2SE
- m. Go to Help.. Eclipse Marketplace
- n. Search for JBoss
- o. Looking for... JBoss Tools 4.3 (or newer). Says its for Eclipse Luna, but it works for Mars, too.

This will install a ton of classes, confirm everything, complete install, and restart.

For more information, watch: <https://www.youtube.com/watch?v=YozyJqhOwrw>

*If you've made it this far, you're in good shape. Most things will work at this point.*

### Install JavaFX

- p. With Eclipse running, Select Help.. Install New Software
- q. In "Work With: " copy and paste the following link:  
<http://download.eclipse.org/efxclipse/updates-released/2.0.0/site>
- r. Install e(fx)clipse –install (There's an IDE in there). Don't bother with the single components.
- s. Just keep hitting next and I accept, and restart.

<https://www.eclipse.org/efxclipse/install.html> (for detailed instructions)

<https://www.youtube.com/watch?v=TOYEkYixJ2Y>

### Download SceneBuilder 8

- t. In your browser, go to:  
<http://gluonhq.com/open-source/scene-builder/>
- u. Download the appropriate version (example: Windows Installer (x64)), follow the prompts
- v. Then run it to install it.

Here's a walkthrough:

<https://www.youtube.com/watch?v=sBQpA42CJNM>

### Installing EclEmma

- w. In Eclipse, Go to Help --> Install New Software
- x. Enter this URL in 'Work with':
- y. <http://update.eclEmma.org/>
- z. Install all (there's only 1) components. You may have to restart Eclipse

#### 4. Start Eclipse

- a. In the first view of your Eclipse workspace it will show you some tutorial related things. You can follow its tutorial, but I recommend watching the following video:

<http://www.cs.armstrong.edu/liang/intro9e/VideoNote/Eclipse/EclipseTutorial.htm>

You should skip to the 1:00 mark and follow from where the Eclipse intro screen starts.