

Download and Installation Instructions

for

Eclipse Software for Mac OS X

Updated October, 2018

The CompuScholar **Java Programming (Abridged)**, **Java Programming (AP)** and **Android Programming** courses use the **Eclipse** software. This program is a free IDE (Integrated Development Environment).

This document will guide you through the download and installation procedure for setting up the Eclipse software on your computer. This software is required for students in order to complete the course. Teachers who wish to view activity solutions or projects on their own computer are also encouraged to install this software.

Changes to 3rd Party Websites!

3rd parties such as the Eclipse Foundation may change their websites without notice. Your download experience may not match the exact screen shots shown below in minor cosmetic ways. If you encounter significant changes, please contact us for updated instructions.

Copyright Notices:

Eclipse, and related terms are all copyright by the Eclipse Foundation. Please see <http://www.eclipse.org/legal/epl/notice.php> for more details.

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Let's Get Started!

Note: All black circles below are added for emphasis and are not present on the actual pages.

Downloading Eclipse

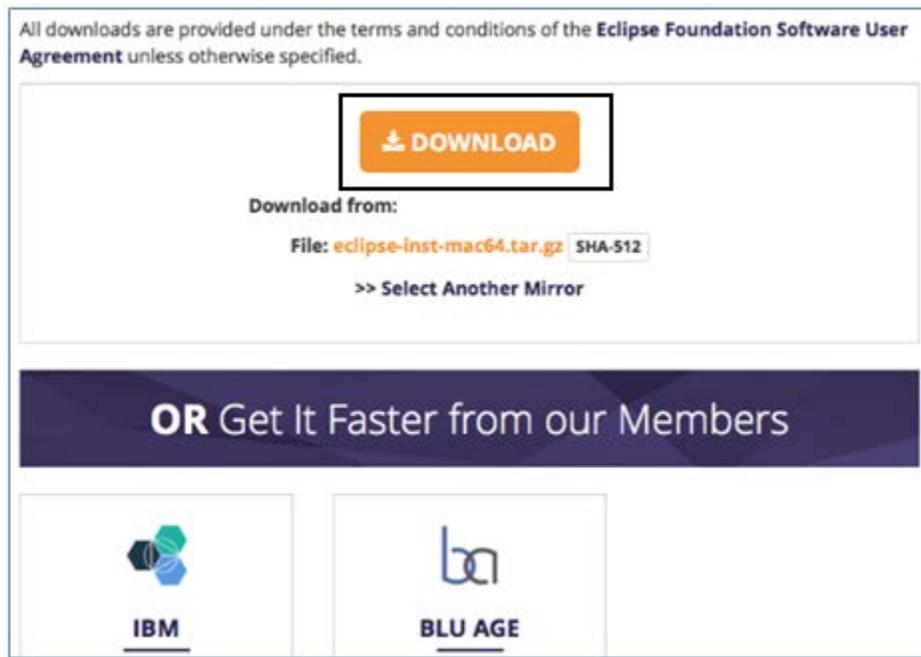
Please follow these instructions carefully to ensure you get the **latest version** of Eclipse. **New versions** of the IDE are released from time to time, and you can safely download and install the **latest version**.

To download, launch your web browser (e.g. Safari) and go to this address: <http://www.eclipse.org/downloads/>. You will now arrive at the Eclipse download page, which should look similar to the image below.

The image is a screenshot of the Eclipse download page. At the top, it says "Download Eclipse Technology that is right for you". Below this, there are two main sections. The left section features the Eclipse logo, the text "Get Eclipse SimRel 2018-09", and "Install your favorite Eclipse packages." Below this is a prominent orange button with the text "Download 64 bit". Underneath the button are the links "Download Packages" and "Need Help?". The right section is titled "Tool Platforms" and features the Eclipse Che logo, the text "Eclipse Che", and "Eclipse Che is a developer workspace server and cloud IDE."

You can click on the orange “Download” button to continue.

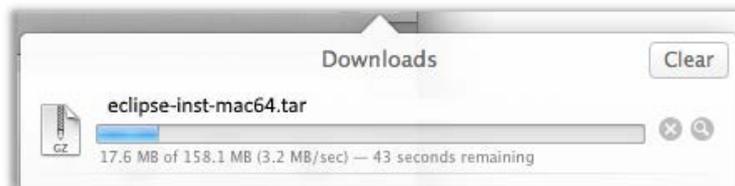
A new screen will appear with a button to download Eclipse:



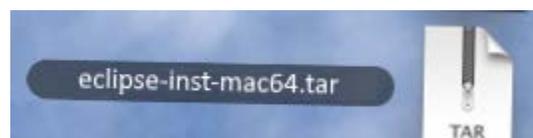
Once you choose to download the file, Safari will begin to download the Eclipse install file to your hard drive. You can see the status of your download by looking at the download icon in the upper right side of the screen:



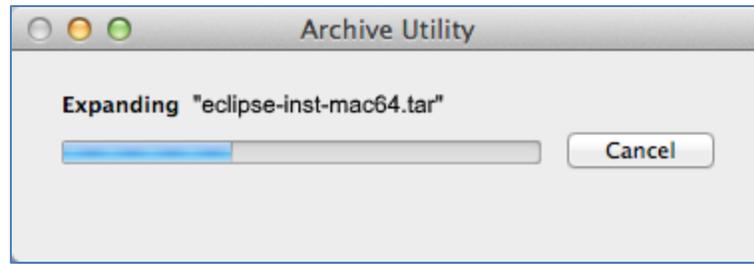
Clicking on the icon will display the full status of your download, like this:



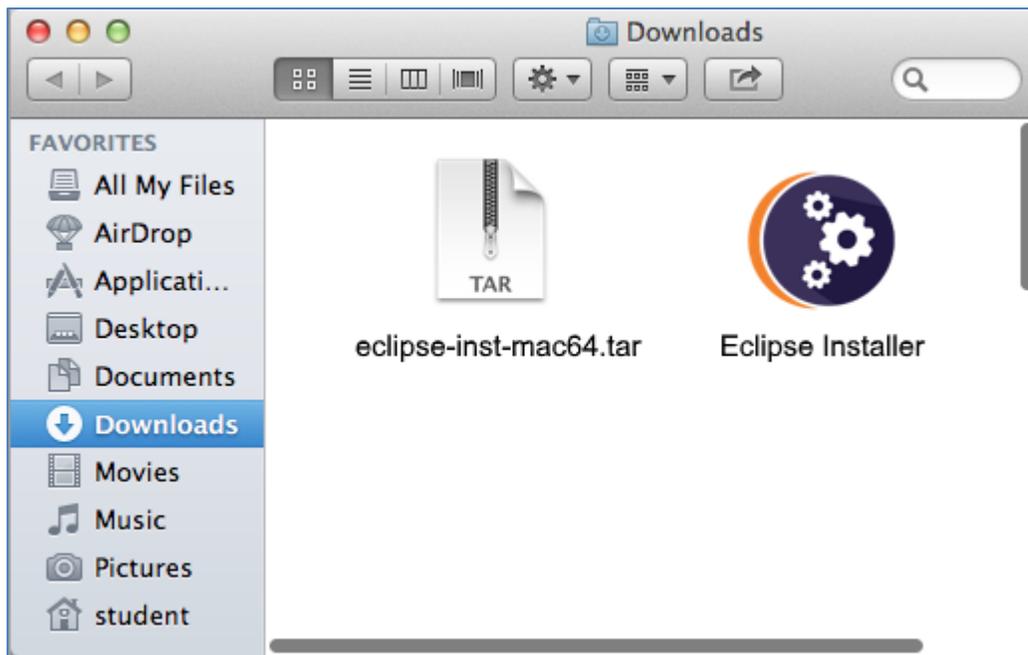
When the download is complete, the file will appear in the Downloads section at the bottom of your desktop screen.



If you click on this file, your Mac will automatically un-zip the contents to the Downloads folder:

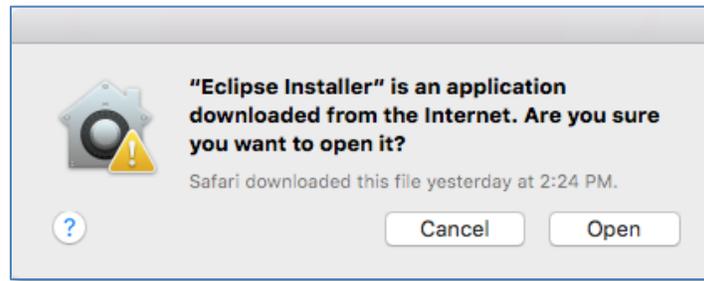


This will show you the Eclipse installer program:

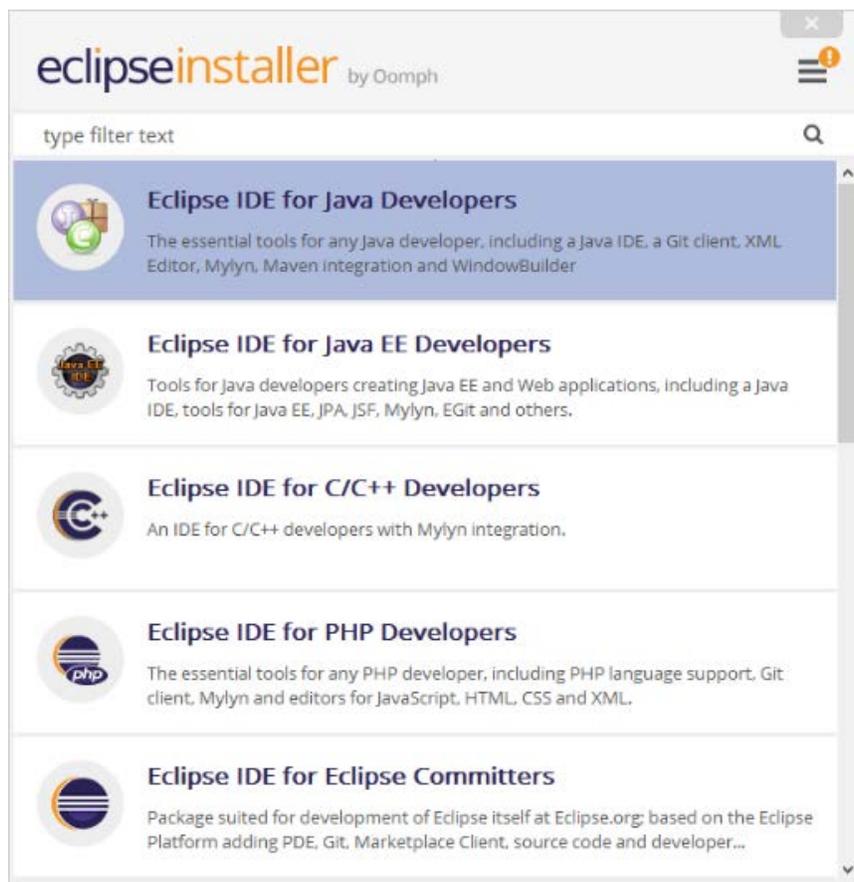


You can click on the Eclipse Installer icon to launch the installation program.

The installation program may ask you if you are sure you want to install this application. Just go ahead and click on "Open" to continue the Installation.



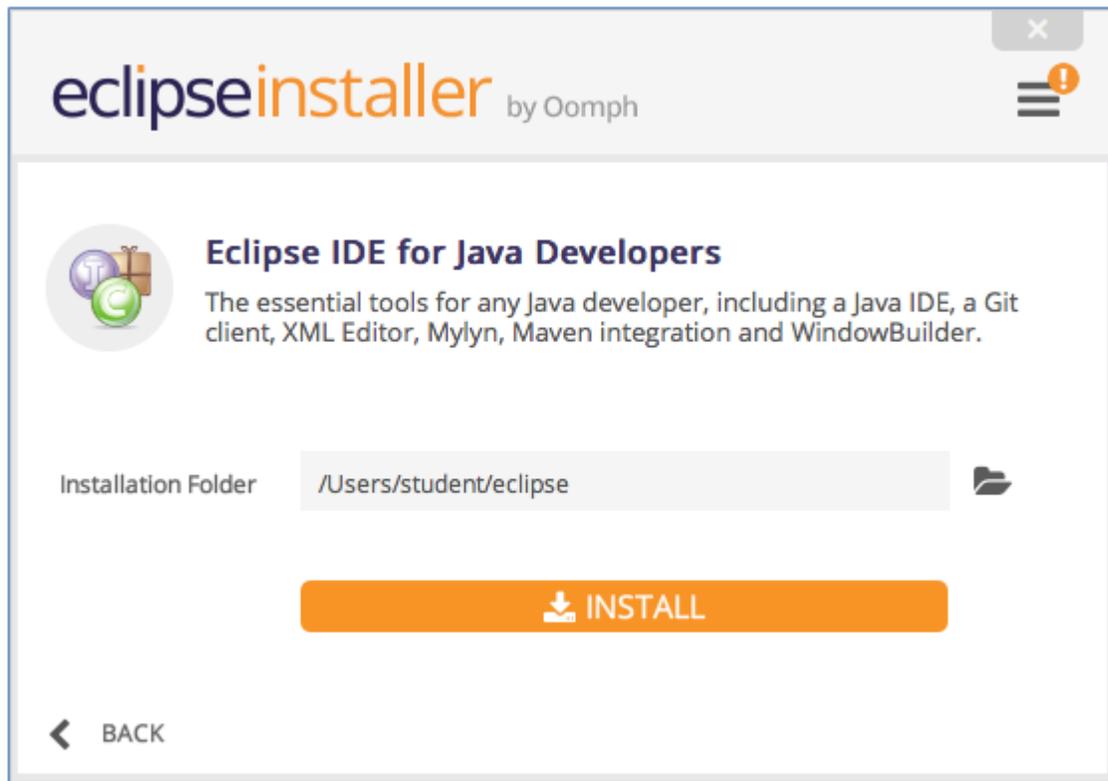
Once the installation program is loaded, you should see a screen that looks like the following:



On this screen, you will be able to choose the version of Eclipse that you want to install on your computer. For this course, we will be using the “Eclipse IDE for Java Developers”. You can click on that option to continue.

Be sure you do NOT accidentally select the “Java EE” version!

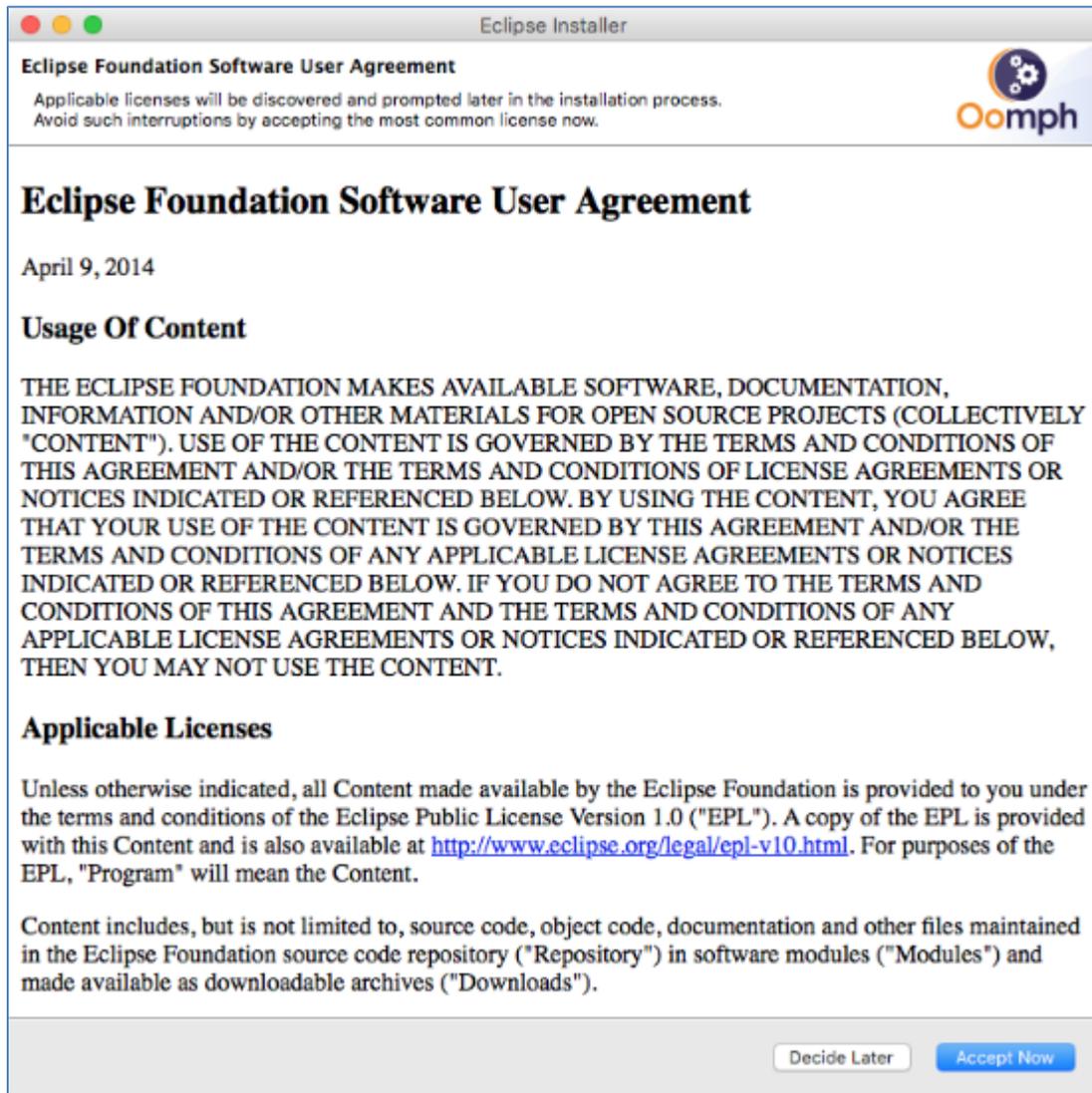
At this point you will see a screen that looks like the one below:



You will need to choose the folder where you want to install the Eclipse software. You can choose anywhere on your hard drive for this software. We have chosen to use a directory under our home folder named “/eclipse” in the image above.

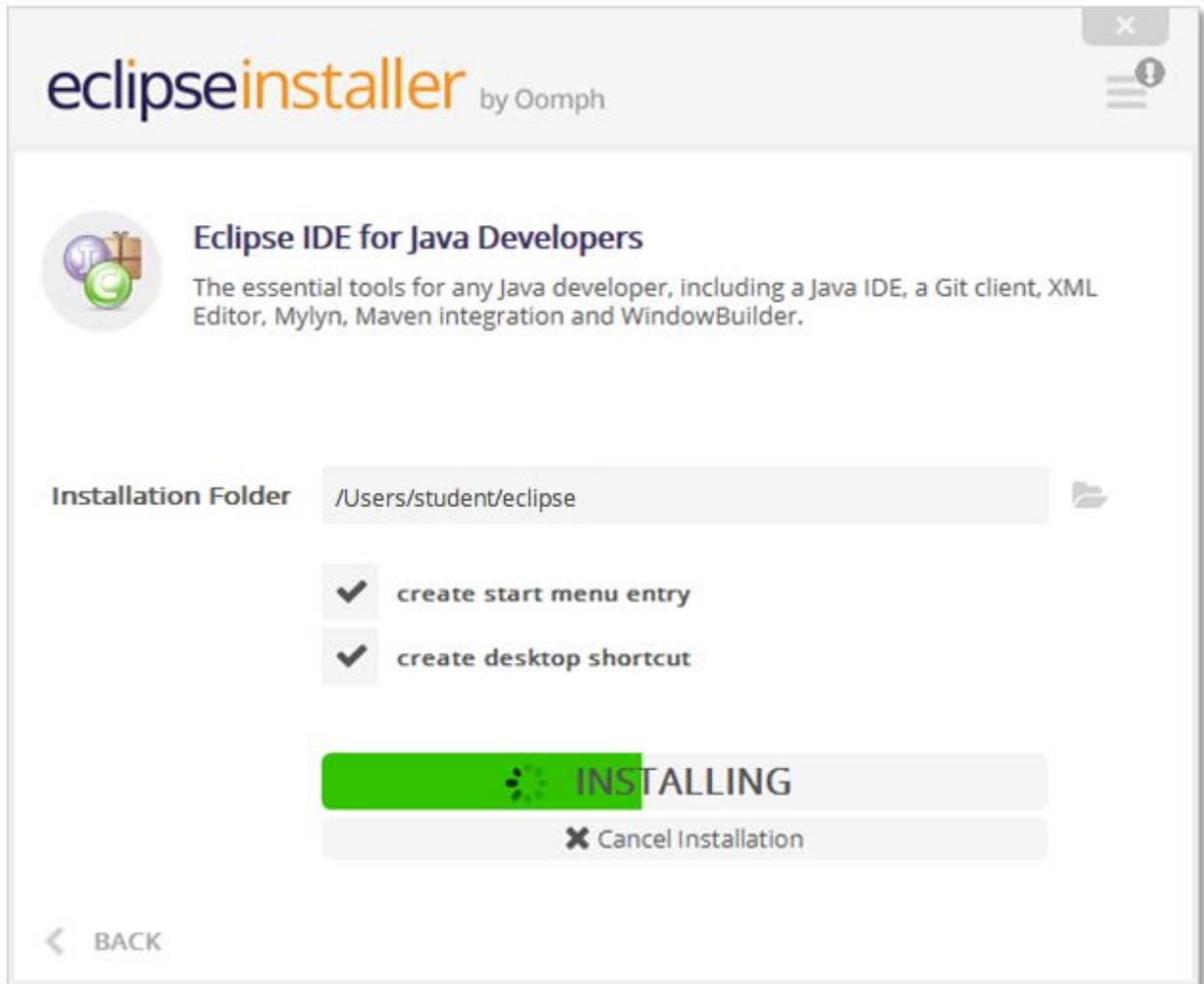
When ready, you can click on the orange “Install” button to continue.

The next step is to accept the Eclipse End-User License Agreement that is shown below:



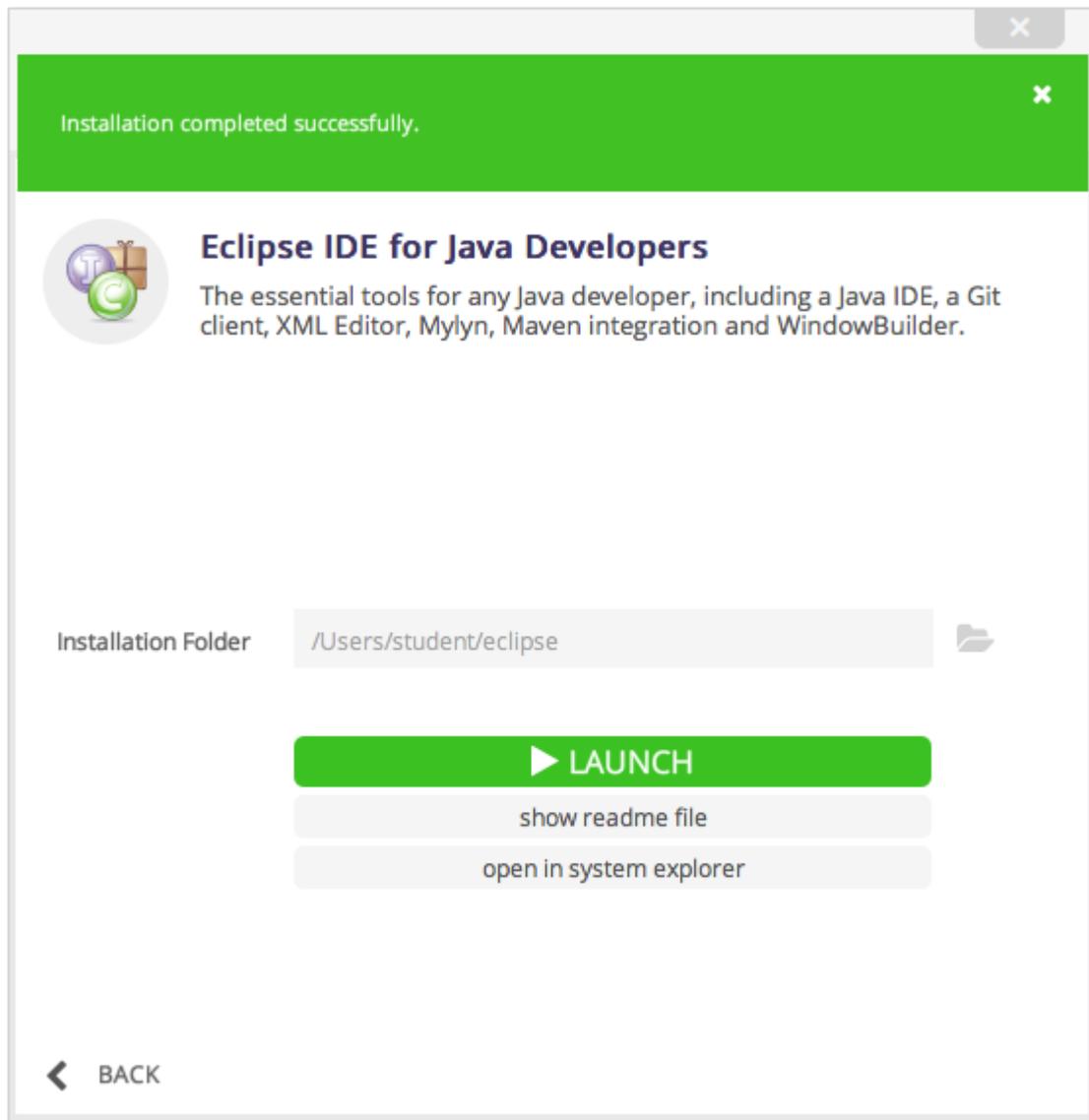
Just click on the “Accept Now” button to continue the installation process.

At this point, the Eclipse software will begin to install on your computer. You should see a processing screen like the one shown below:



This process could take several minutes, so be patient!

Once your installation is complete, you should see a confirmation screen like the one shown below:



Congratulations, you have completed the initial installation for the Eclipse software. Continue with the configuration steps listed below.

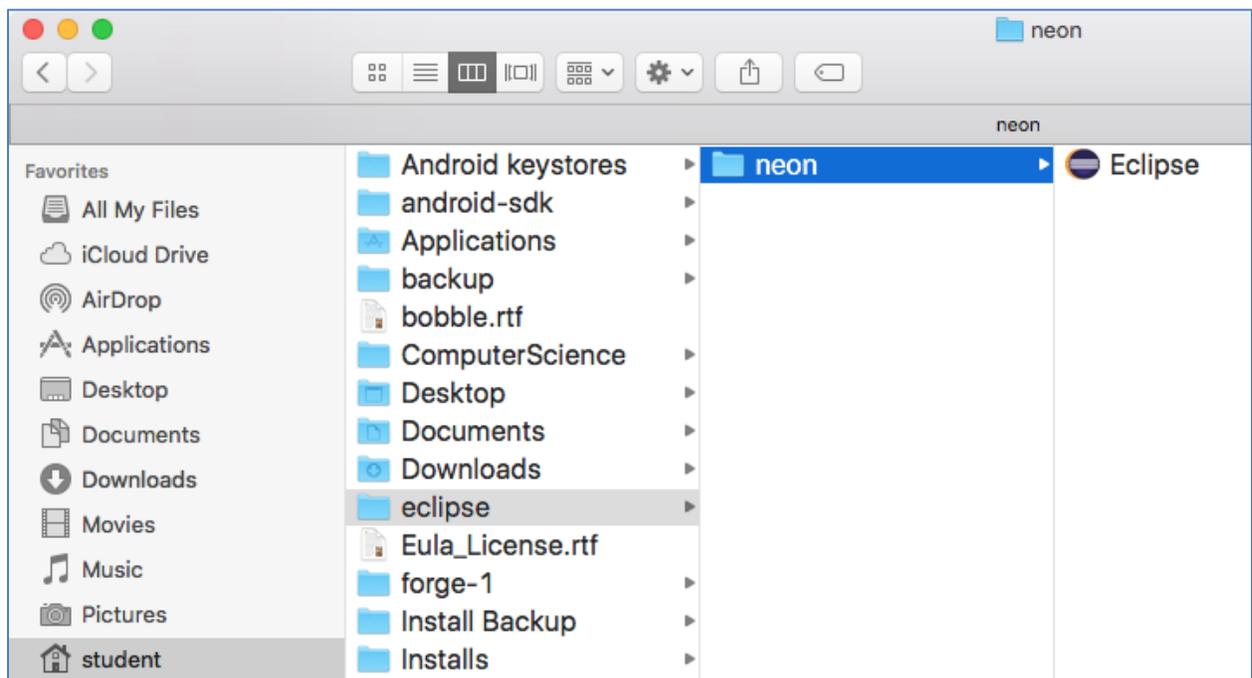
Configuring Eclipse

There are three final steps to making Eclipse work best for this course. The first step is to drag the “eclipse” folder into your Applications folder. To do this, open a new Finder window and then click on “Applications” in the list on the left-side of the screen. Then drag the "eclipse" from your “Downloads” into this folder. Make sure that you do not drag it into a folder that's already within Applications.

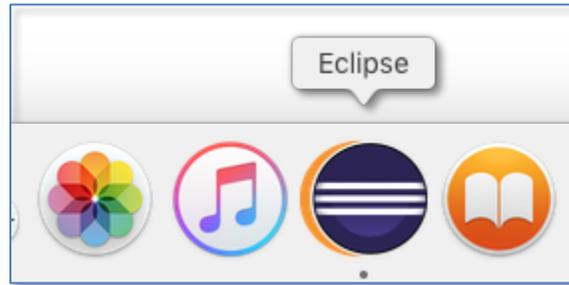
When you're done, the Applications folder should look like this:



The second step is optional, but is highly suggested. In this step, we will add the Eclipse program to your Mac's Dock. To do this, open the "Eclipse" folder and locate the application file named "Eclipse" (it is a purple circle with white horizontal stripes).

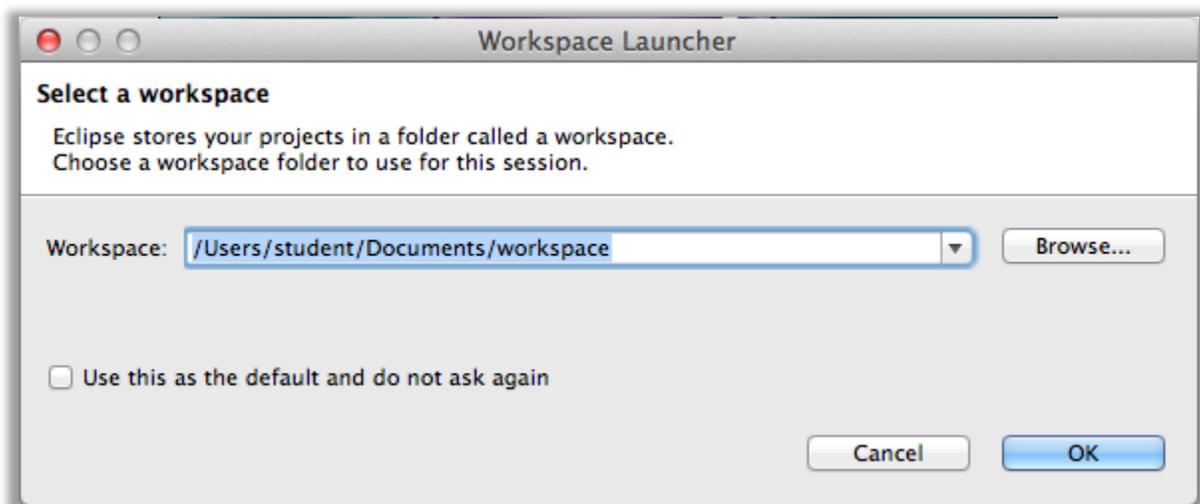


Now you can just click and drag this icon down to the Dock at the bottom of your screen. This will allow you to start the Eclipse program just by clicking on this icon.



The final step in the configuration process is to run the software and set up the default “Workspace” for your projects. The Workspace is a directory on your hard drive where your programs will be stored. We recommend creating and using a “My Projects” folder underneath your main user directory, but you can use another directory location if you prefer.

The first time you start the Eclipse software, you will see the following screen:



Here, you can type in or browse to your preferred workspace directory. Once you have a directory chosen, click on the box labeled “Use this as the default and do not ask again”. Then click on OK. This will set your workspace for Eclipse!