

Eclipse Home Setup

There will most likely come a time during the semester where you are unable to finish your homework in class or need more than the allotted assignment time during class. In either case you will need to work from home. This document will show you how to setup the needed work environment in your home.

Step 1: Get the Needed Software

Software 1: Java Development Kit (JDK)

- This software gets your computer ready to run Java programs. Below this document on the course website you will find **two versions**, a 64-bit version (for computers 3 years old or newer) and a 32-bit version for older computers.
 - Download the appropriate one for your computer at home.

Software 2: Eclipse IDE

- As mentioned before we will use Eclipse to write our Java programs. The version of Eclipse setup on the school computers is **Eclipse Kepler**, therefore this is what you will want to install at home.
- You can download the install file from the course website below where this document was found.
 - There are newer versions of Eclipse out there, but we will use Kepler to avoid any compatibility problems when working on the school computers.
- There are two versions of the install file there, **32-bit and 64-bit**. If your computer is less than 3 years old, you most likely need the 64-bit version, otherwise the 32-bit version may be what you need
 - If you are running a Mac, you can download the **Eclipse Standard Version** for Mac [here](#)

Software 3: Eclipse Formatting File

- On the course website below this document, download the **SLSSFormatting** file to your computer

Step 2: Install and Setup the Software

Software 1: Java Development Kit (JDK)

- We need to install the JDK first, follow the steps 2, 3 and 4 on this [link](#) to fully install and setup the JDK
 - **NOTE: STEP 3 IS TO BE DONE WITH EXTREME CAUTION!!!!**

Software 2: Eclipse IDE

- Next we need to install **Eclipse**, actually you don't need to. You just need to unzip the folder
- Right-click on the Eclipse **zip file** you downloaded and select **Extract All**, then the **Extract** button.
- This will create a folder of the same file name, **double click** this folder to go inside
- In here you will find an **eclipse** folder, drag this folder to a location you will always be able find. I recommend: C:\Users\
 - **For example, my username is trevor: C:\Users\trevor**
- Now, make your life easy by going into the newly copied eclipse folder and selecting the eclipse.exe file
 - Right-click and drag this file to your desktop and choose **"Create Shortcuts here"**

Step 3: Setup your Java Workspace

- Your Java **Workspace** is the directory Eclipse will look into to find the projects you have been working on
- On your **flash drive**, in your **ICS2** folder create a folder named **Workspace**
- Run your new shortcut to Eclipse and let it load.
- When it loads you will be greeted by a popup asking for the Workspace to open, browse to your newly created Workspace folder on your flash drive and click **OK**
- Follow the next **three steps** to setup the style layout we will use in class (**These may need to be repeated later**)
 1. Click Windows → Preferences → Java → Code Style → Formatter
 2. Click the Import... button
 3. Browse to the SLSSFormatting.xml file you previously downloaded and click Open, click Apply and OK