

Instructions for importing OSP 2 projects into Eclipse:

Create a new project in Eclipse and navigate to the project folder in the filesystem (Finder, Windows Explorer, etc) (In Eclipse, right click on the project, then click Show In > System Explorer).

Move the Misc folder and OSP.jar into the project folder, and move the .java files into the src folder inside the project folder.

In the Eclipse Package Explorer (probably the section on the left, where all project files are displayed), select on the project, then click File > Refresh. At this point Eclipse should update to show OSP.jar and Misc inside the project, and the source files inside src > (default package).

Right click on the OSP.jar in the Package Explorer and choose Build Path > Add To Build Path.

Open each source file. Eclipse should underline the first line ("package osp.Threads", etc) of each source file in red, indicating an error. Mouse over the line and Eclipse will recommend solutions. Choose the first solution, "Move <class> to osp.<something>". Repeat for each source file.

To run the simulator for the first time, in the Package Explorer open (using the little triangles on the left) Referenced Libraries > OSP.jar > osp. Right click on OSP.class and click Run As > Java Application. After doing this the first time, subsequent runs should be possible just by clicking the Run button and Eclipse will know to find the main method inside osp.OSP inside the jar.

If you go through the source files and at least fix all compilation errors (mostly just add "return 0;" or "return null;" to each non-void method), you should be able to run the project and the simulator window should actually open. If you have not actually completed the project you will get errors when you attempt to run the simulator, but getting the simulator window open indicates that the project and build path have been correctly configured in Eclipse.

When submitting the assignment, be sure to copy the .java files from the Eclipse project folder back into Dr. Rose's original folder and check that you can run the project using the command line and provided instructions, just to be safe.

-Lee Reams