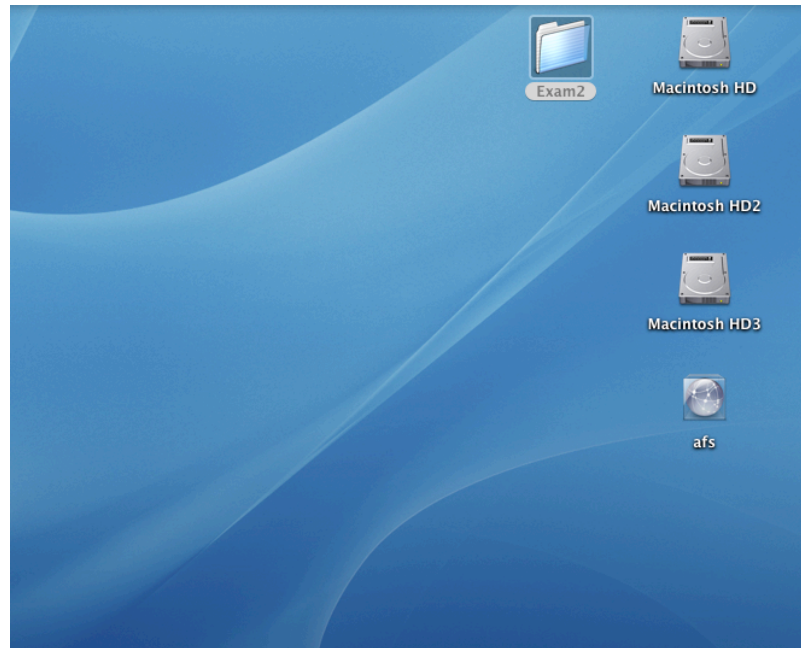


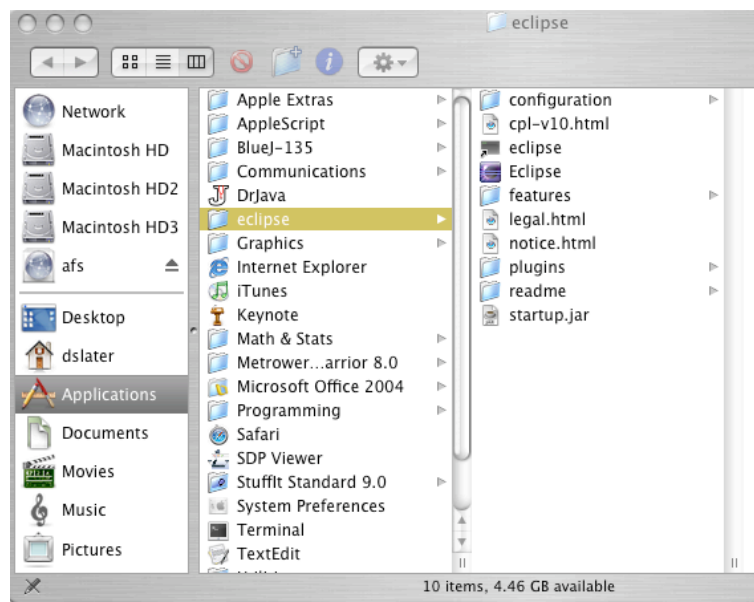
Using Eclipse on the 15-111 / 15-200 Programming Final

- **Download the Eclipse version of your assigned problem to your desktop**
 - If it is still compressed, double-click the .zip file to uncompress the file
 - Make a note of the name of this uncompressed directory(in the example, **Exam2**): THIS WILL BE YOUR WORKSPACE



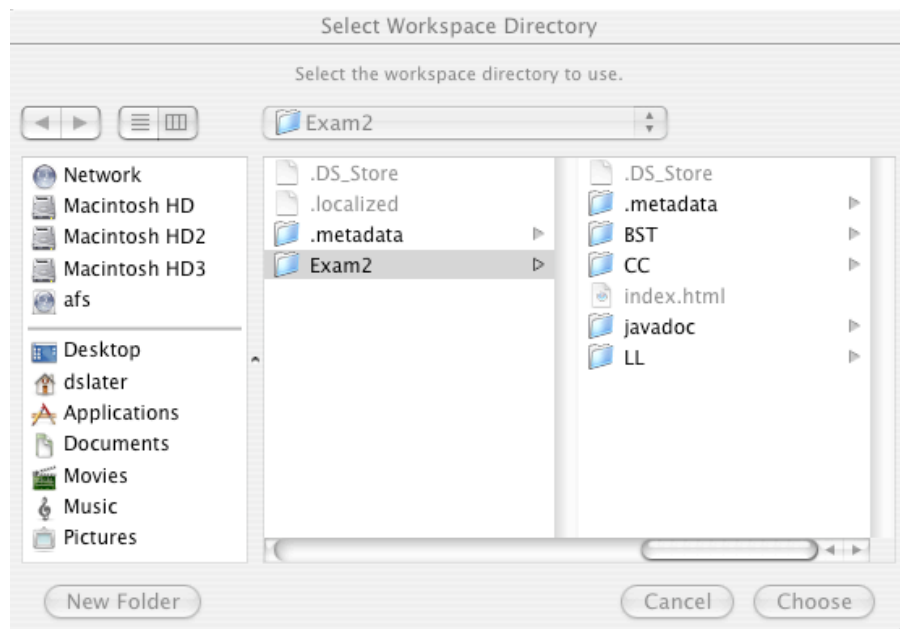
picture of Desktop with Exam2 Directory

- **Start Eclipse and Create Workspace**
 - Eclipse can be found in the **Applications:eclipse** directory of your machine



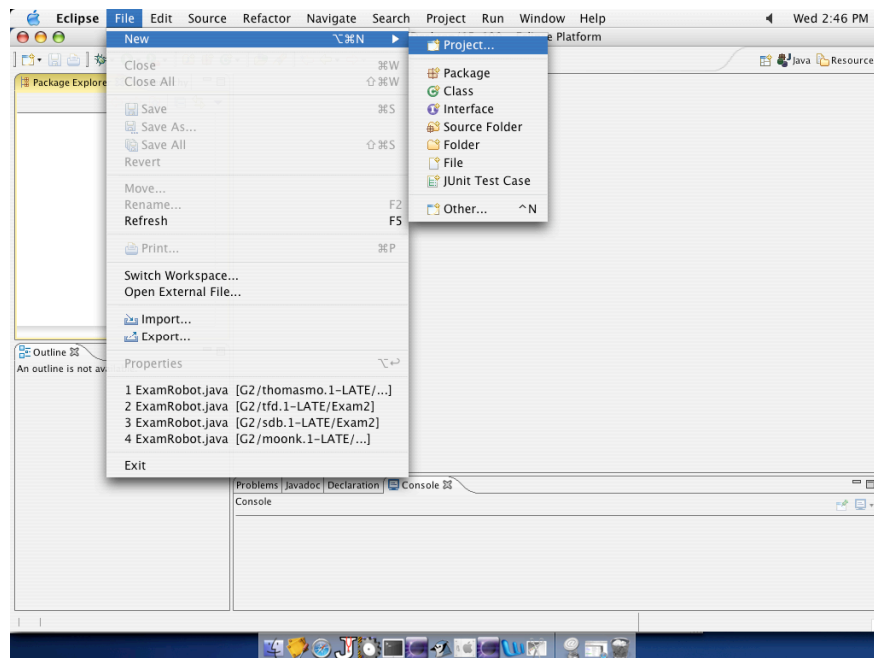
Location of Eclipse on a Mac in the cluster

- When prompted for the workspace, click “Browse” and select the uncompressed directory that contains your exam files



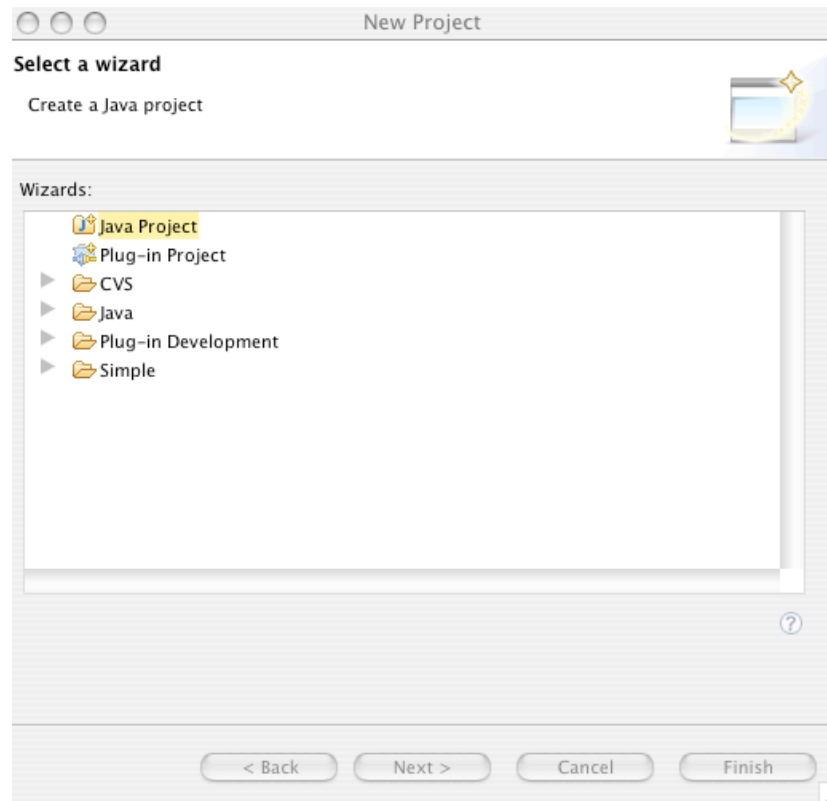
Selecting Workspace Directory; note *BST*, *CC*, and *LL* exam projects in Workspace

- Load an Exam Project (Either *LL*, *BST*, or *CC*)
 - Select File:New:Project



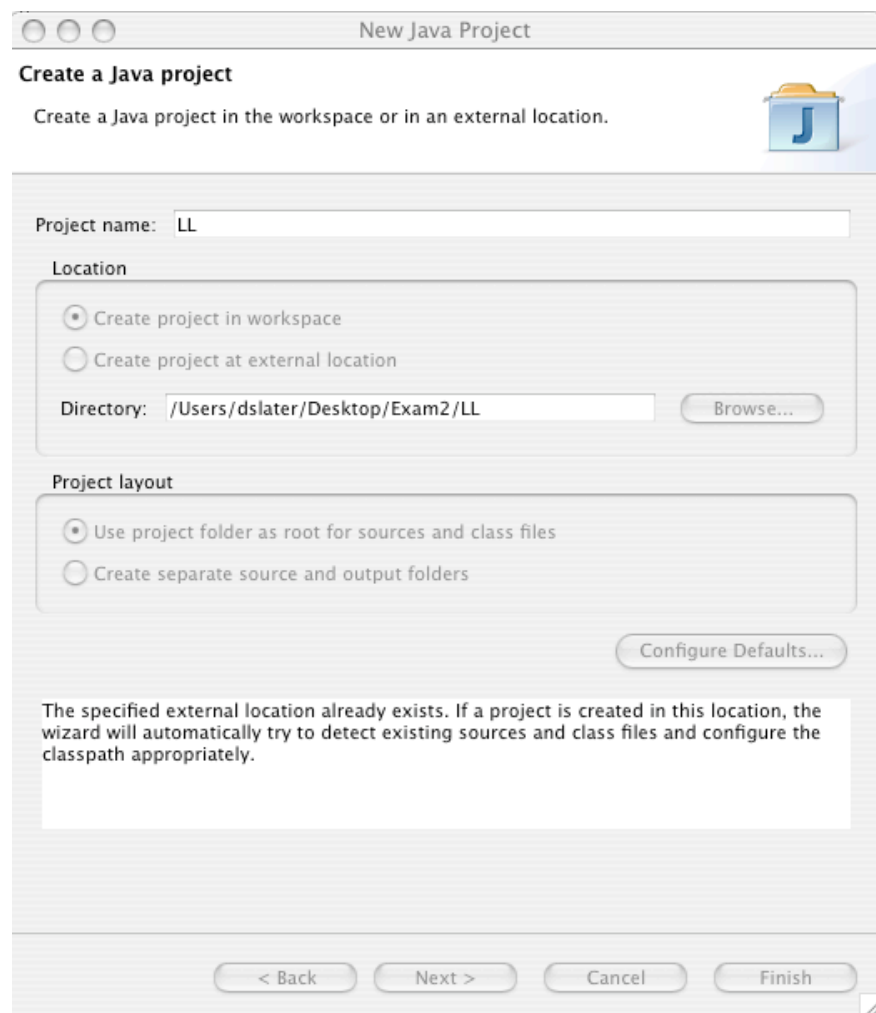
Selecting File:New:Project

- Select **Java Project** from the **New Project Wizard** window and click **Next**



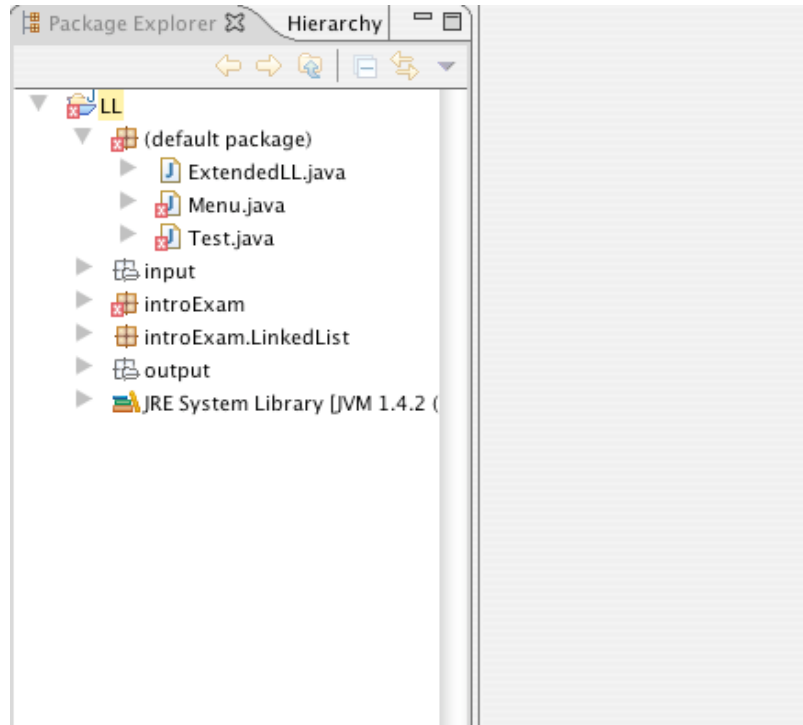
Click on Next

- Type in the name of the directory of the first project you want to work on, either **LL**, **BST**, or **CC** (in the illustration I have typed “LL”). Note the message that begins ***The specified external location already exists.*** If you do not see this message after typing in the Project Name box LL, BST, or CC, then you have not set the Workspace correctly, and you should go to **File:Switch Workspace** to correctly set up your workspace.



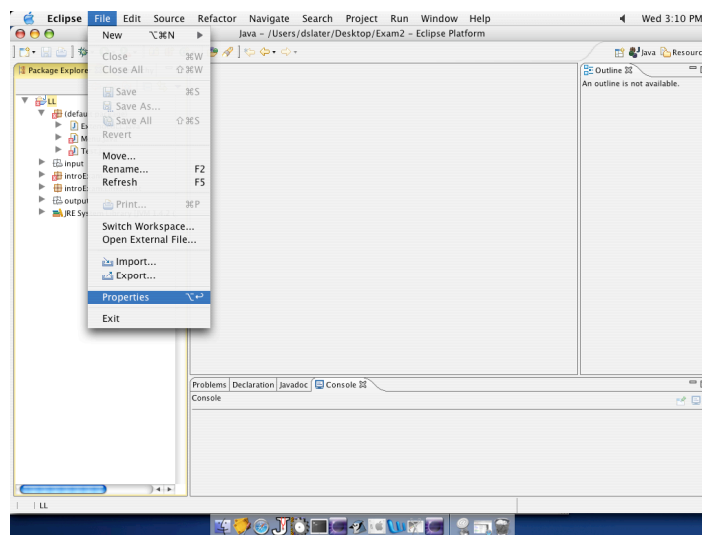
Note the message that begins ***The specified external location...***

- **Setting the Path for the Exam .jar file**
 - You may see a series of red x's, indicating that there are errors in your project. These indicate that you need to set the path for the project to find the .jar file used in the exam.



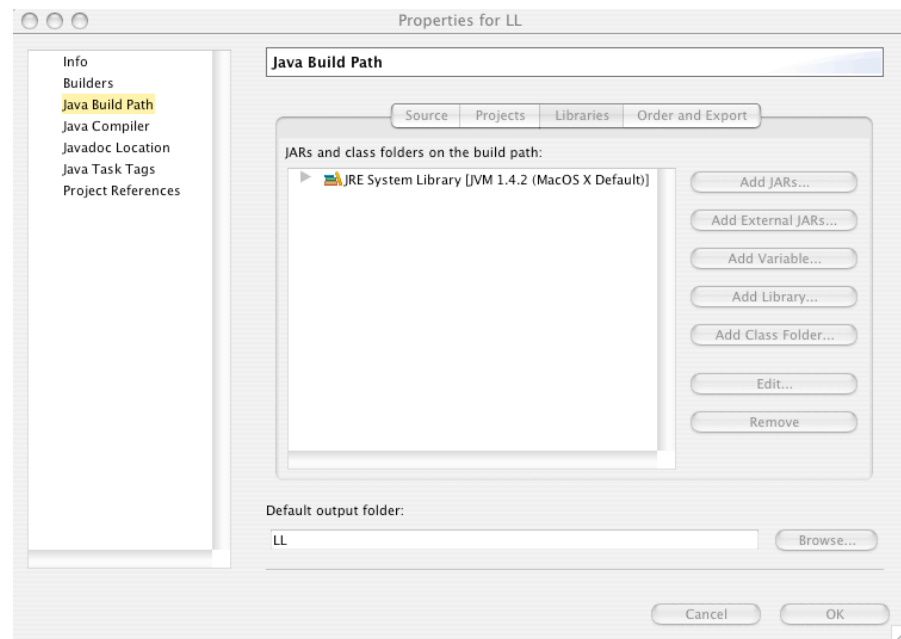
Red X's indicate a need to set the path for the Exam .jar file

- Making sure the package directory (in this example LL) is selected (highlighted), select File:Properties



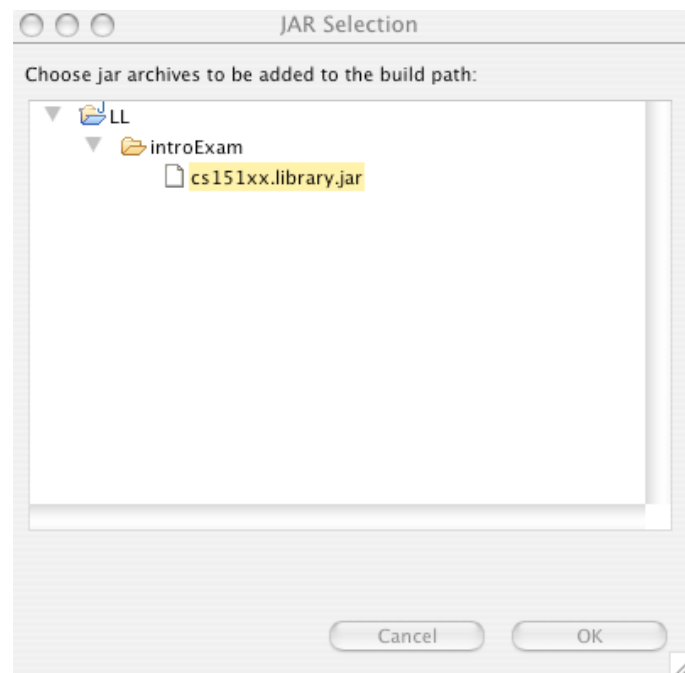
Select File:Properties

- In the **Properties** window, select **Java Build Path** from the left hand column of options. Then select **Libraries** from the options across the top of the right-hand table



Select **Java Build Path** and then **Libraries**

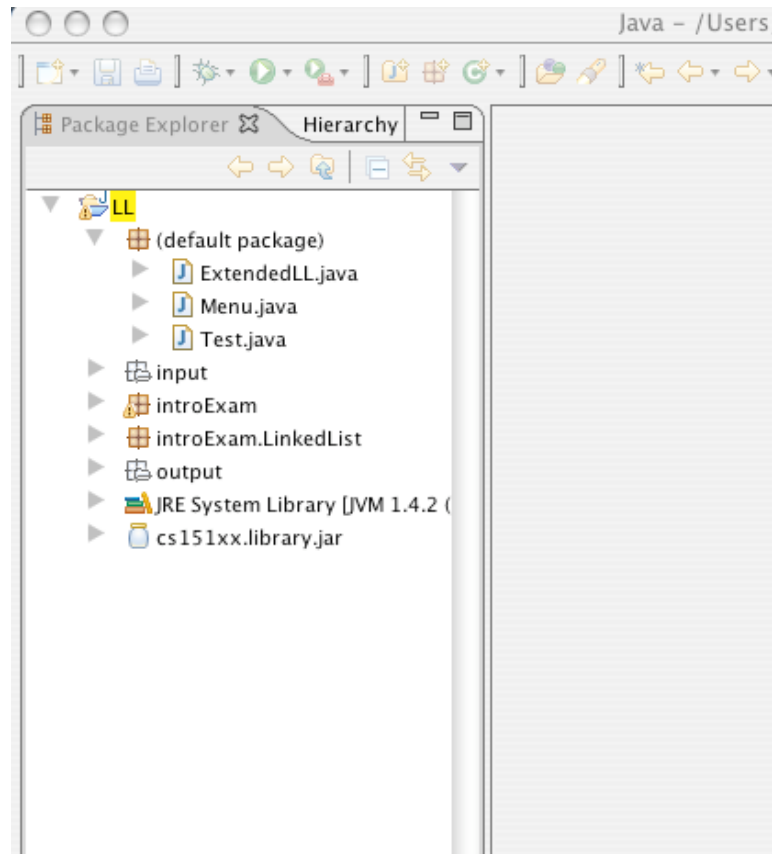
- Click on the **Add JARs** button and select the exam .jar file



Select **LL:introexam:cs151xx.library.jar** and click **OK**

- Click **OK** button in the **Properties** window

- **Open the “default package” under the project to see the source files for the project.**



Source Files for Exam project

- You will write your solution in either `ExtendedLL.java`, (LL project), `ExtendedBST.java` (BST project) or `Test.java` (CC.project)
 - You will **Run the Application** using `Test.java` in each project.
- **You will need to repeat this process for the other two exam projects.**
- **Good luck!**