Tutorial:
Running Eclipse in Science 256 and Checking out Labs and Assignments

CS71: Software Engineering: Mobile Development

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Start Eclipse

• Open the terminal application
  – Use: [command]- [space] terminal
  – Or: look in application folder

• cd /opt/eclipse-cs71

• ./eclipse

• After that the Eclipse splash should appear, like above
Use the default workspace

Click OK
Ignore EGit or Android issues for now,

But, you might need to set the android sdk folder if this is the first time your running eclipse on this machine

(see next slides or skip ahead if already set)
If you need to set up the Android SDK

- Under preferences (Eclipse -> Preferences)
- Navigate to the Android tab, you’ll see that the SDK Location has not been set
- Click the Browse button
Android SDK’s are in:
/opt/eclipse-sdk/android-sdk
Once android-sdk folder is selected, click apply

Click Apply, and the SDK’s should appear.

FYI: They may update automatically, if so just let it do its thing and click ok.
Checking out a Lab or In-Class Assignment from SVN

- Click the new button or command-n to create a new project
- Navigate down to the SVN header and select “Project from SVN”
- Click Next
Enter SVN URL and your username and password

SVN URL goes here

Yes, use the repository URL as the label

Enter username and password, and you can save the authentication if you like
Trust the Certificate

There is a problem with the site's security certificate
https://cs71.cs.swarthmore.edu/svn/cs71/labs/01/JavaRPNCalculator
Check security information for the site and make your choice: do you want to trust the site or no.

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<td>Error validating</td>
<td><a href="https://cs71.cs.swarthmore.edu:443">https://cs71.cs.swarthmore.edu:443</a></td>
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<td>Subject</td>
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<tr>
<td>Valid</td>
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<tr>
<td>Issuer</td>
<td>CN=cs71</td>
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</table>

https://cs71.cs.swarthmore.edu:443
Check out as a project with the name specified, which will be set in the SVN.
Feel free to set a master password, but it is not required
Once the project is checked out it should appear in the Project Explorer side bar.

You still need to change the repository location to the submission directory.
To switch to the submission repo, disconnect the project by right clicking on the project in the project explorer.

Navigate to Team->Disconnect
Yes, also delete the metadata
Set the submission SVN repo by right clicking on the project and, under team, choosing to share the project.
Choose SVN
Create a new repository location
Enter the submission SVN URL and your username and password and click finish.
You’ll see a commit screen, enter a comment and click ok.
In the package explorer, you should see that the URL has changed. Now you can edit and commit as you go, and your final commit will be your submission.