

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

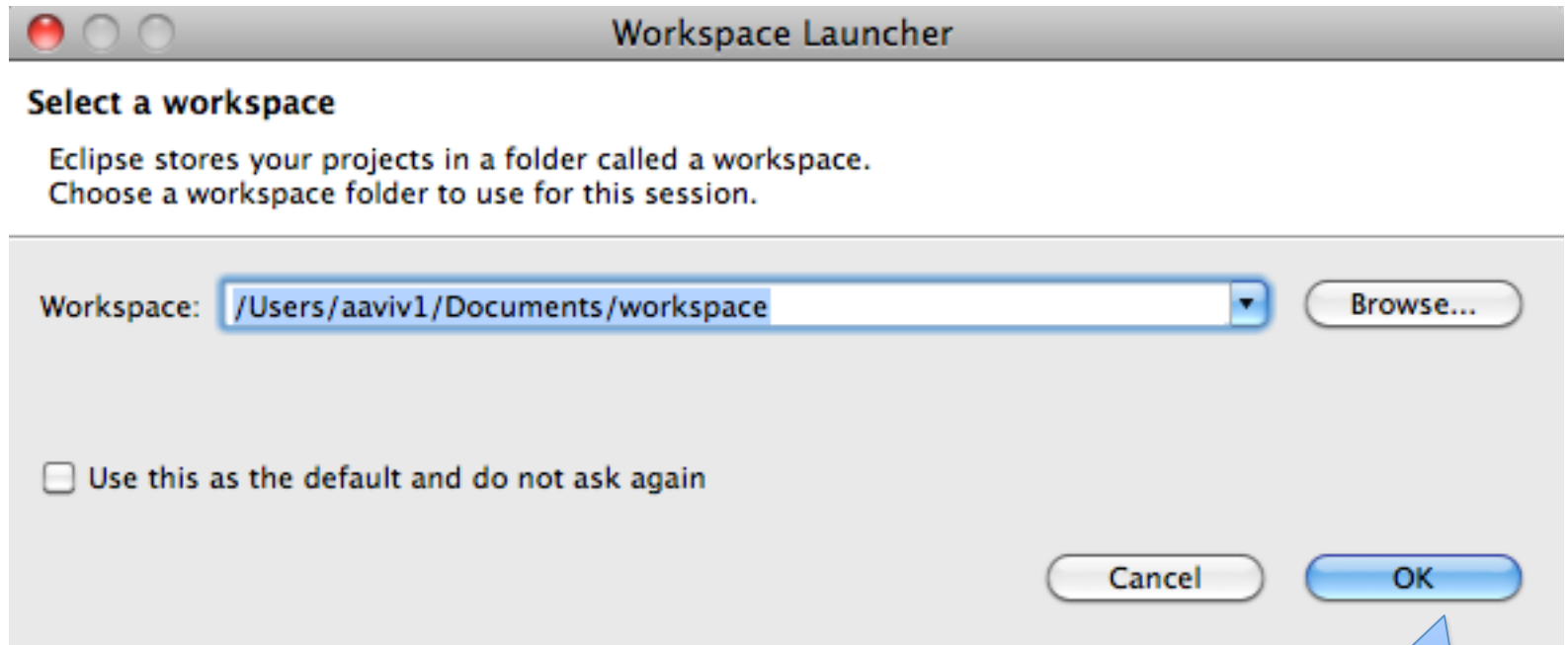
- `cd /opt/eclipse-cs71`

- `./eclipse`

- After that the Eclipse splash should appear, like above

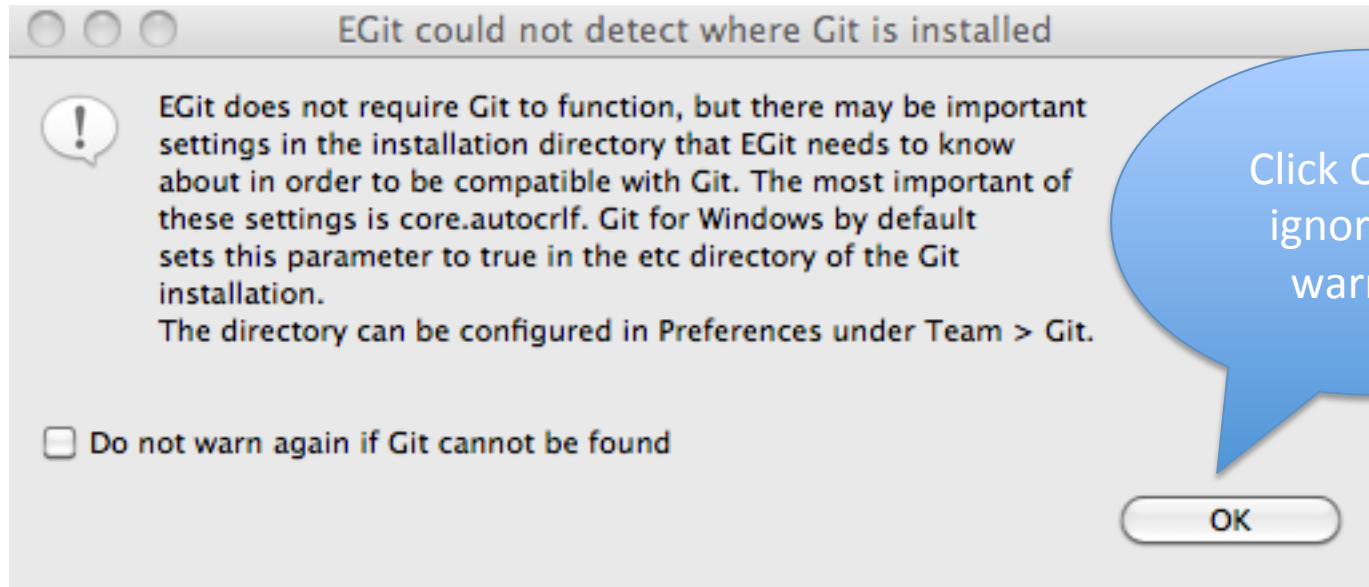


Use the default workspace



Click OK

Ignore EGit or Android issues for now,

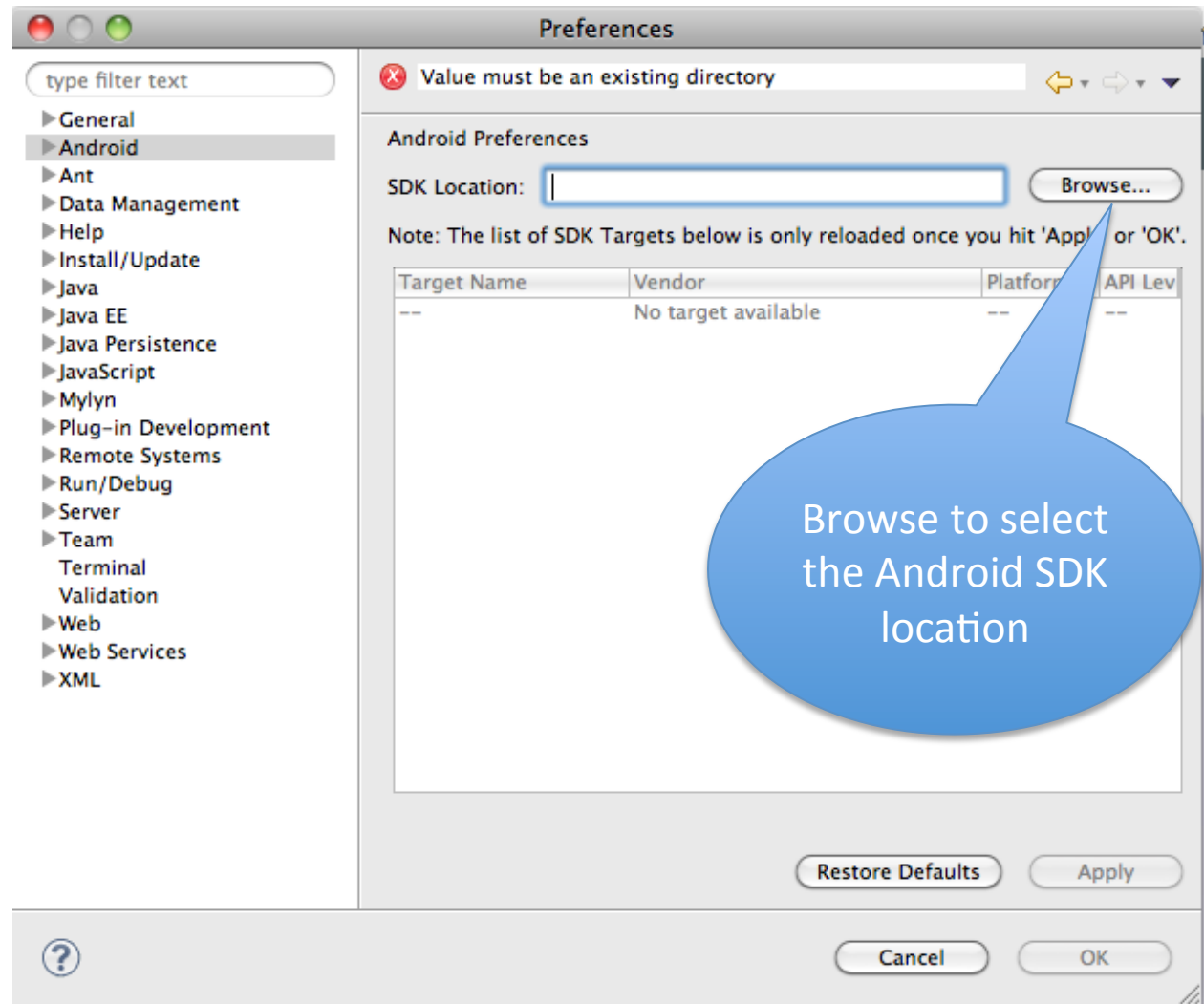


But, you might need to set the android sdk folder if this is the first time your running eclipse on this machine

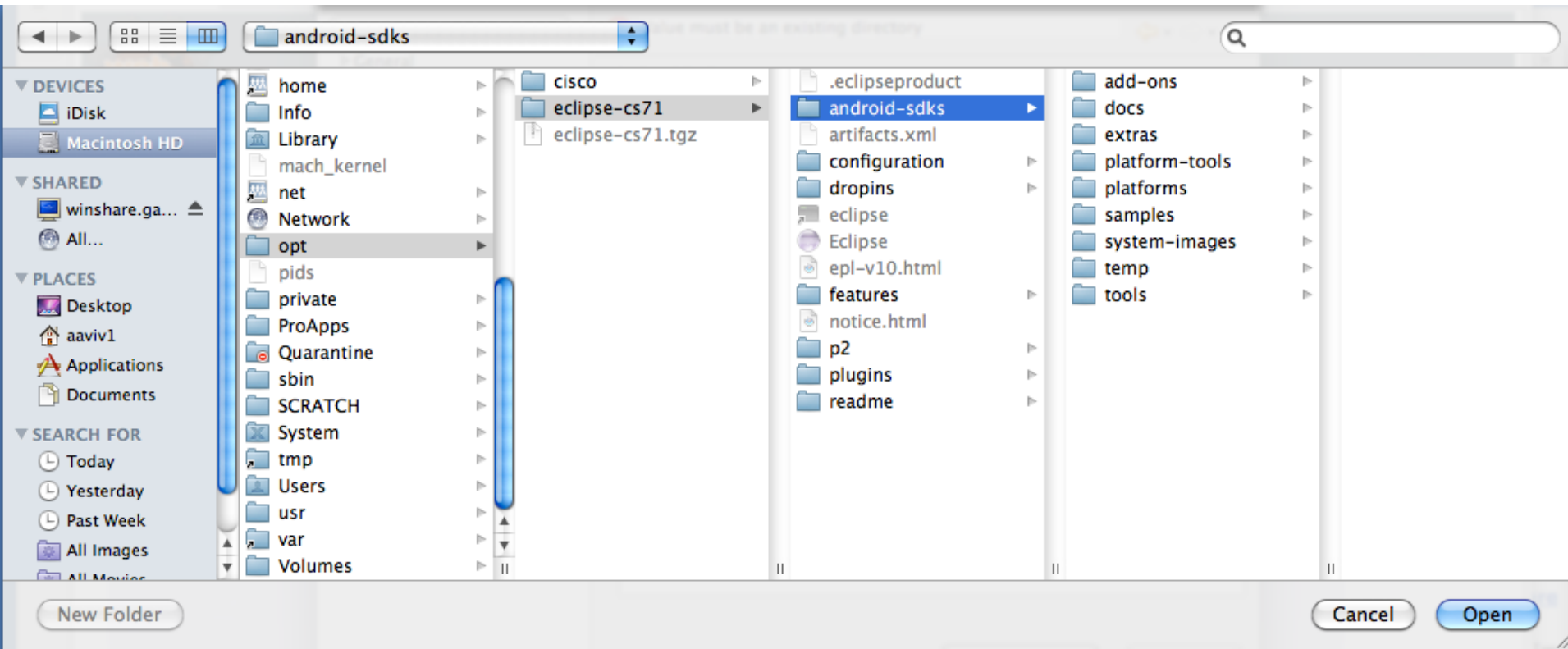
(see next slides or skip ahead if already set)

If you need to set up the Android SDK

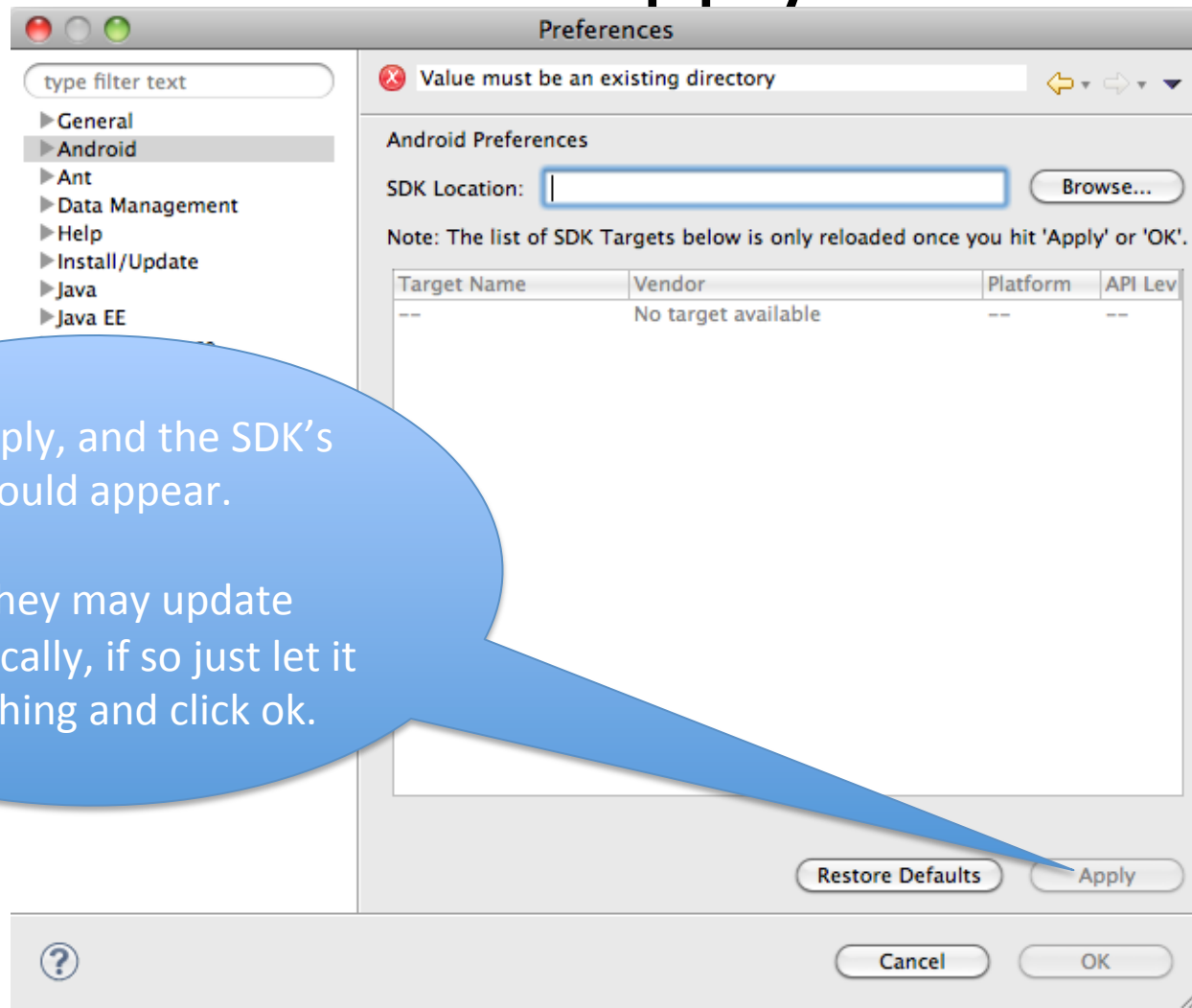
- Under preferences (Eclipse -> Preferences)
- Navigate to the Android tab, you'll see that the SDK Location has not been set
- Click the Browse button



Android SDK's are in:
`/opt/eclipse-sdk/android-sdk`

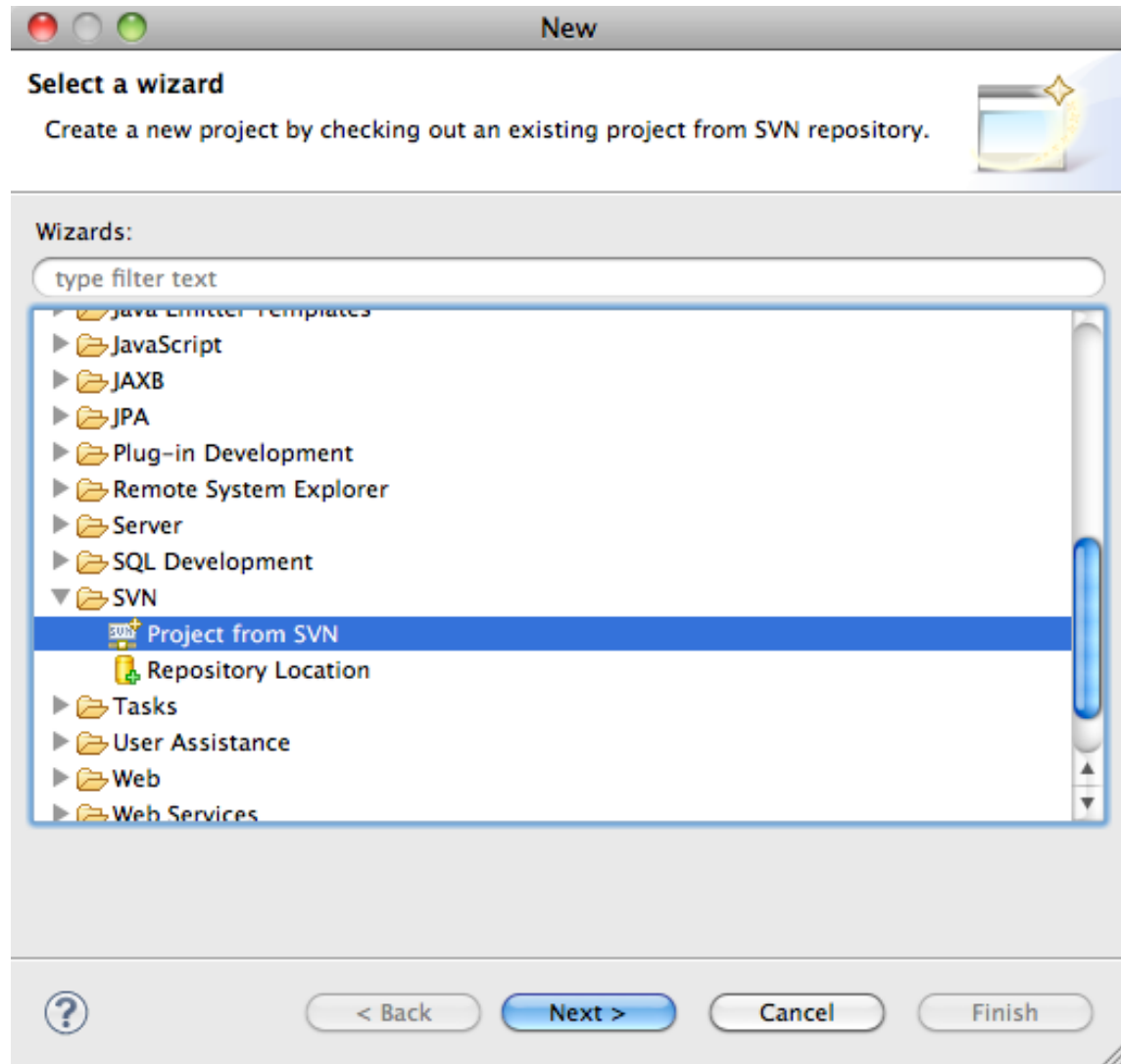


Once android-sdk folder is selected, click apply



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

The screenshot shows the 'Checkout from SVN' dialog box with the 'General' tab selected. The title bar reads 'Checkout from SVN'. Below the title bar, the text 'Enter Repository Location Information' is followed by a description: 'Define the SVN repository location information. You can specify additional settings for proxy and svn+ssh, https connections.' In the top right corner, there is an 'SVN' logo. The dialog is divided into four tabs: 'General', 'Advanced', 'SSH Settings', and 'SSL Settings'. The 'General' tab contains the following fields: 'URL' with the value 'https://cs71.cs.swarthmore.edu/svn/cs71/labs/01/JavaRPNCalculate' and a 'Browse...' button; 'Label' with two radio buttons, 'Use the repository URL as the label' (selected) and 'Use a custom label:' (unselected); 'Authentication' with 'User' set to 'aviv' and 'Password' masked with dots; a checked checkbox for 'Save authentication (could trigger secure storage login)'; and a link to 'Secure Storage'. At the bottom, there is a 'Show Credentials For:' dropdown set to '<Repository Location>', a checked checkbox for 'Validate Repository Location on finish', a 'Reset Changes' button, and a footer with a help icon, '< Back', 'Next >', 'Cancel', and 'Finish' buttons.

Checkout from SVN

Enter Repository Location Information

Define the SVN repository location information. You can specify additional settings for proxy and svn+ssh, https connections.

SVN

General Advanced SSH Settings SSL Settings

URL: Browse...

Label

☒ Use the repository URL as the label

☐ Use a custom label:

Authentication

User:

Password:

☒ Save authentication (could trigger secure storage login)

To manage your security data, please see [Secure Storage](#)

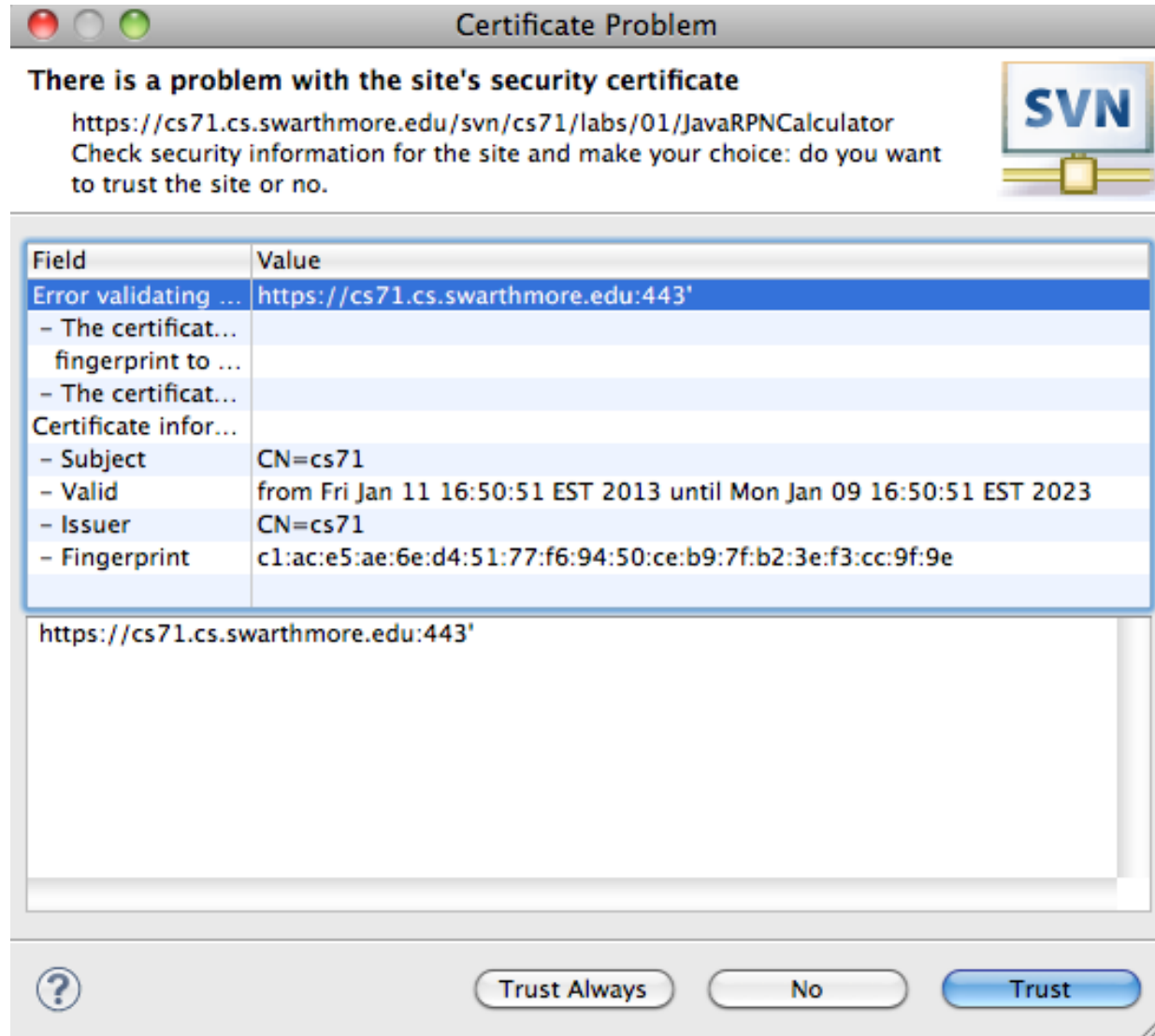
Show Credentials For:

☒ Validate Repository Location on finish

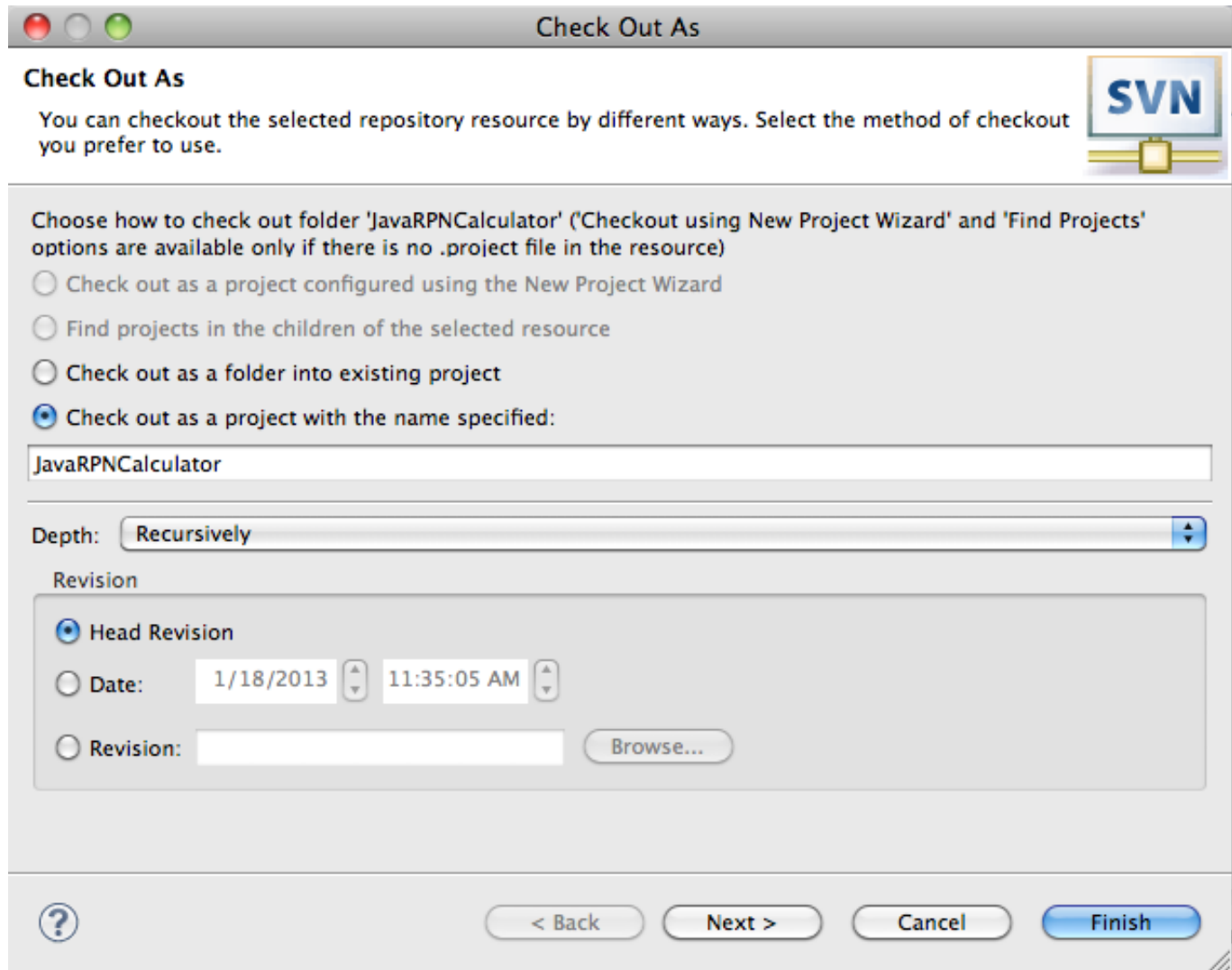
Reset Changes

? < Back Next > Cancel Finish

Trust the Certificate



Check out as a project with the name specified, which will be set in the SVN



Check Out As

You can checkout the selected repository resource by different ways. Select the method of checkout you prefer to use.

Choose how to check out folder 'JavaRPNCalculator' ('Checkout using New Project Wizard' and 'Find Projects' options are available only if there is no .project file in the resource)

- ☐ Check out as a project configured using the New Project Wizard
- ☐ Find projects in the children of the selected resource
- ☐ Check out as a folder into existing project
- ☒ Check out as a project with the name specified:

JavaRPNCalculator

Depth: Recursively

Revision

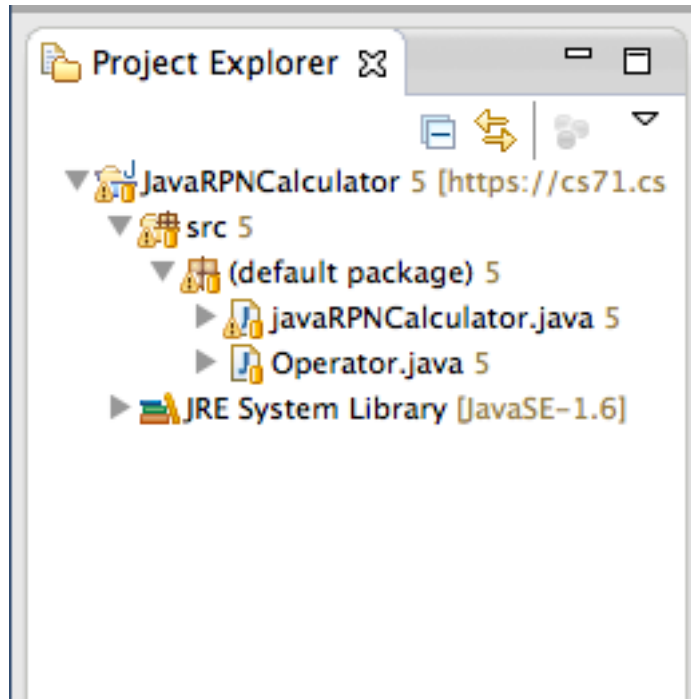
- ☒ Head Revision
- ☐ Date: 1/18/2013 11:35:05 AM
- ☐ Revision: Browse...

< Back Next > Cancel Finish

Feel free to set a master password,
but it is not required

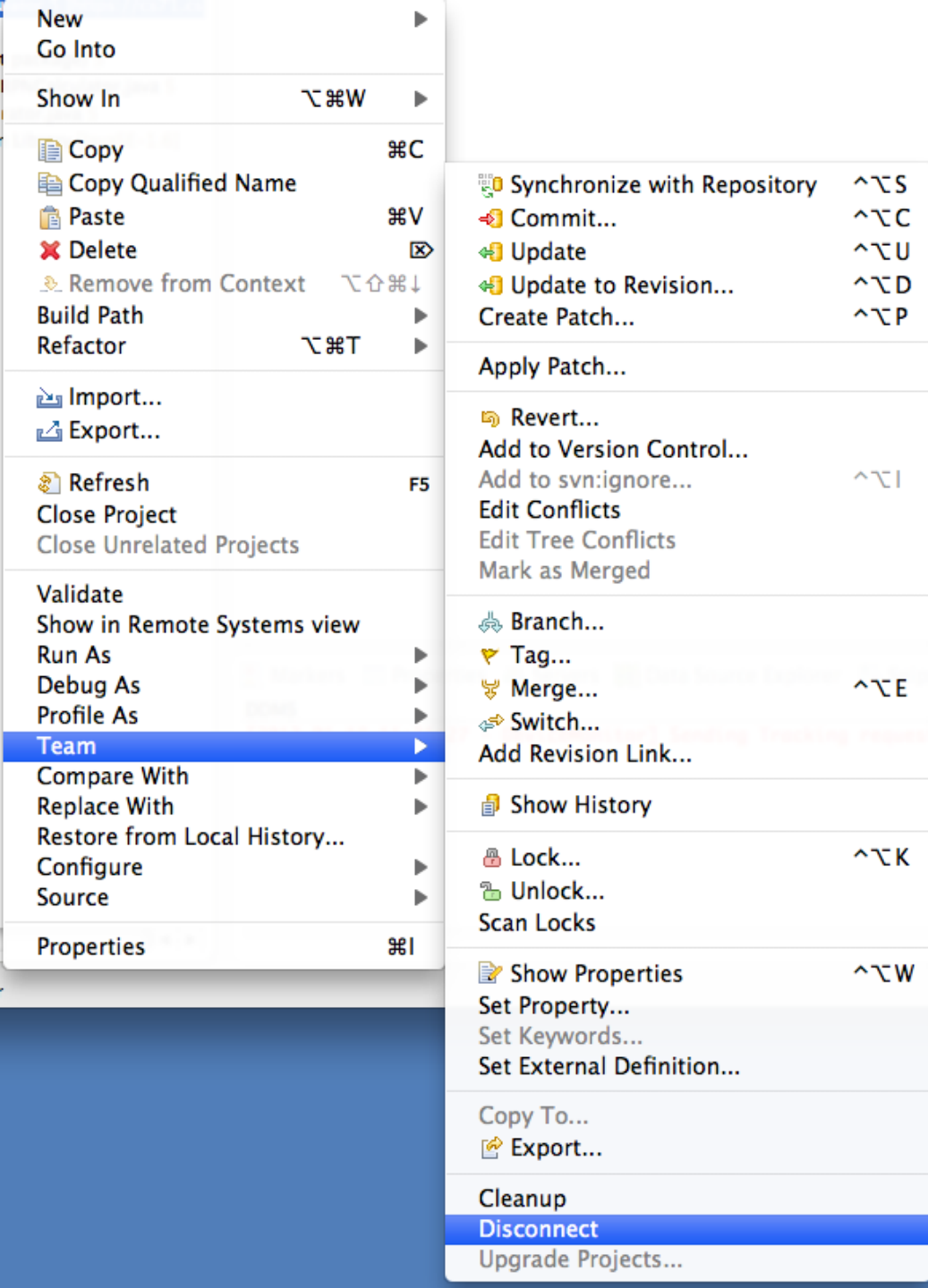


Once the project is checked out it should appear in the Project Explorer side bar



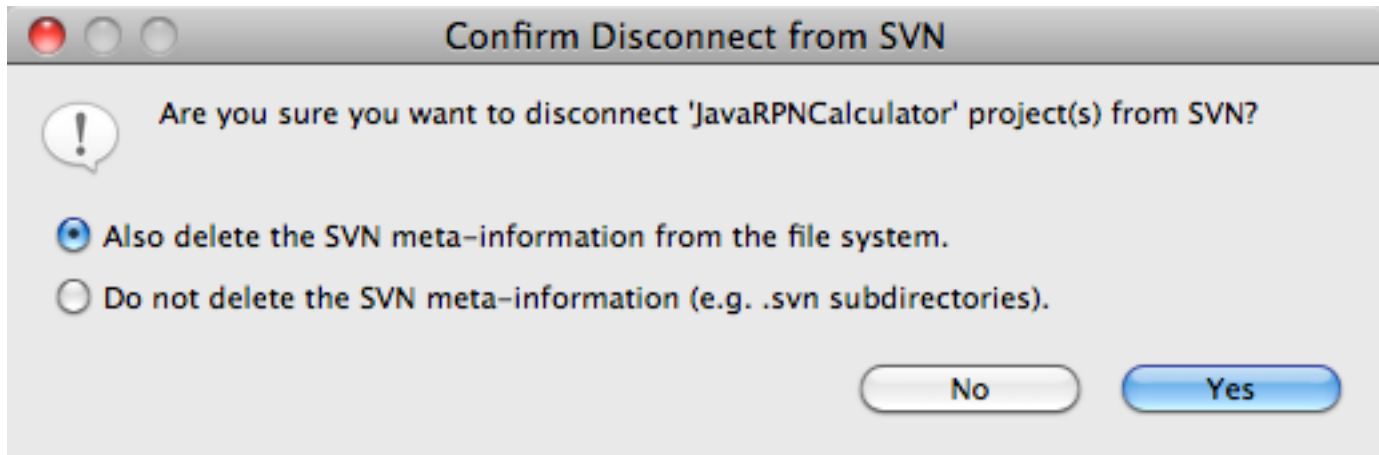
**You still need to
change the repository
location to the
submission directory**

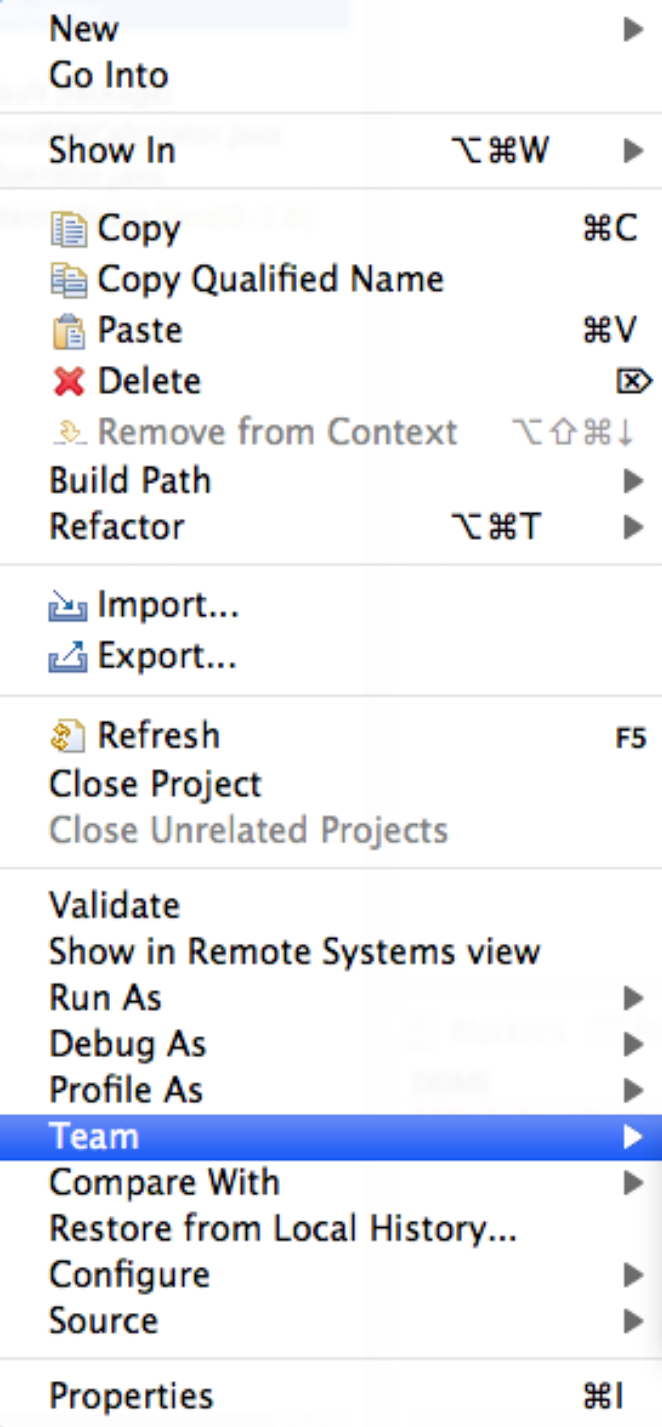
To switch to the submission repo, disconnect the project by right clicking on the project in the project explorer



Navigate to
Team->Disconnect

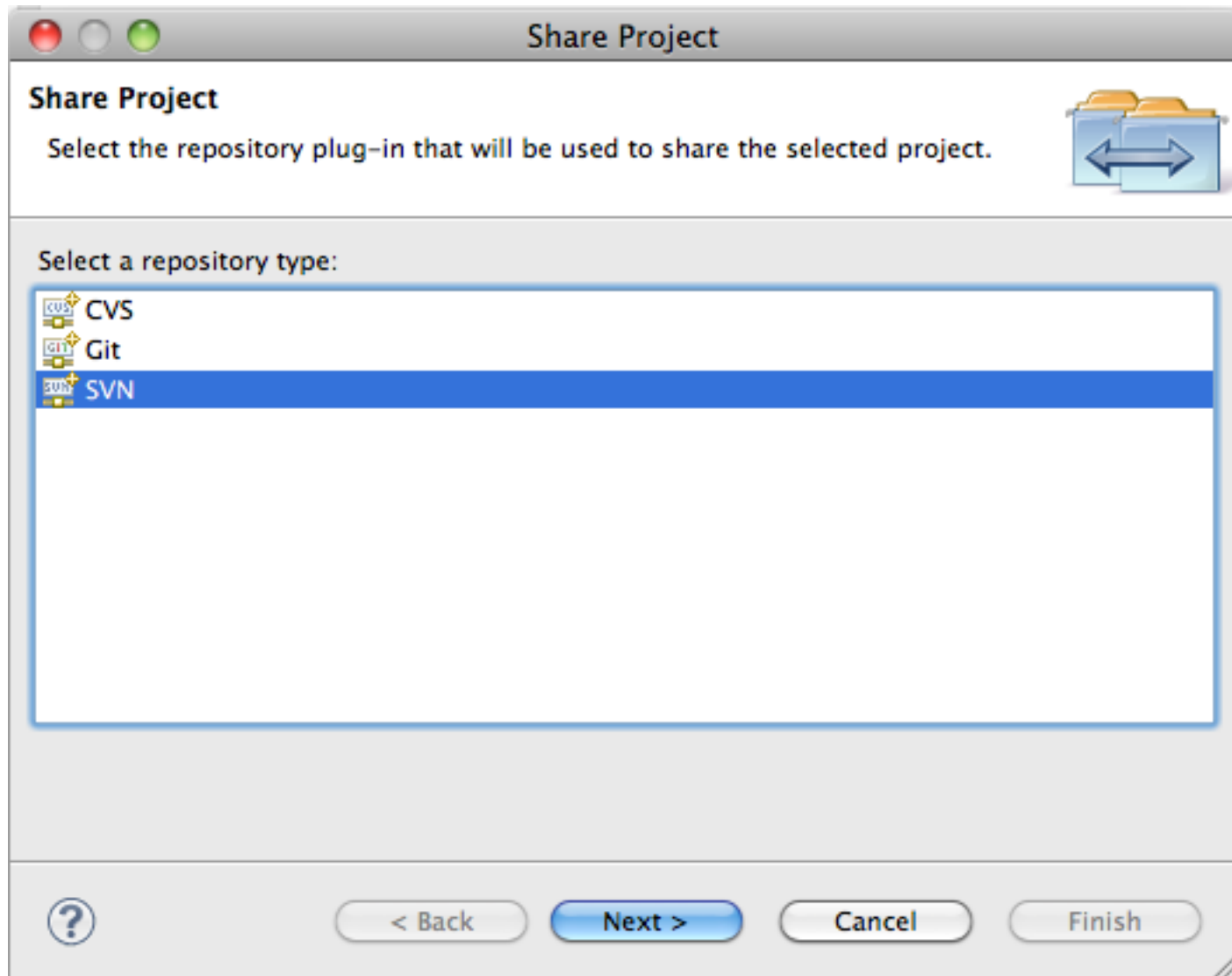
Yes, also delete the metadata



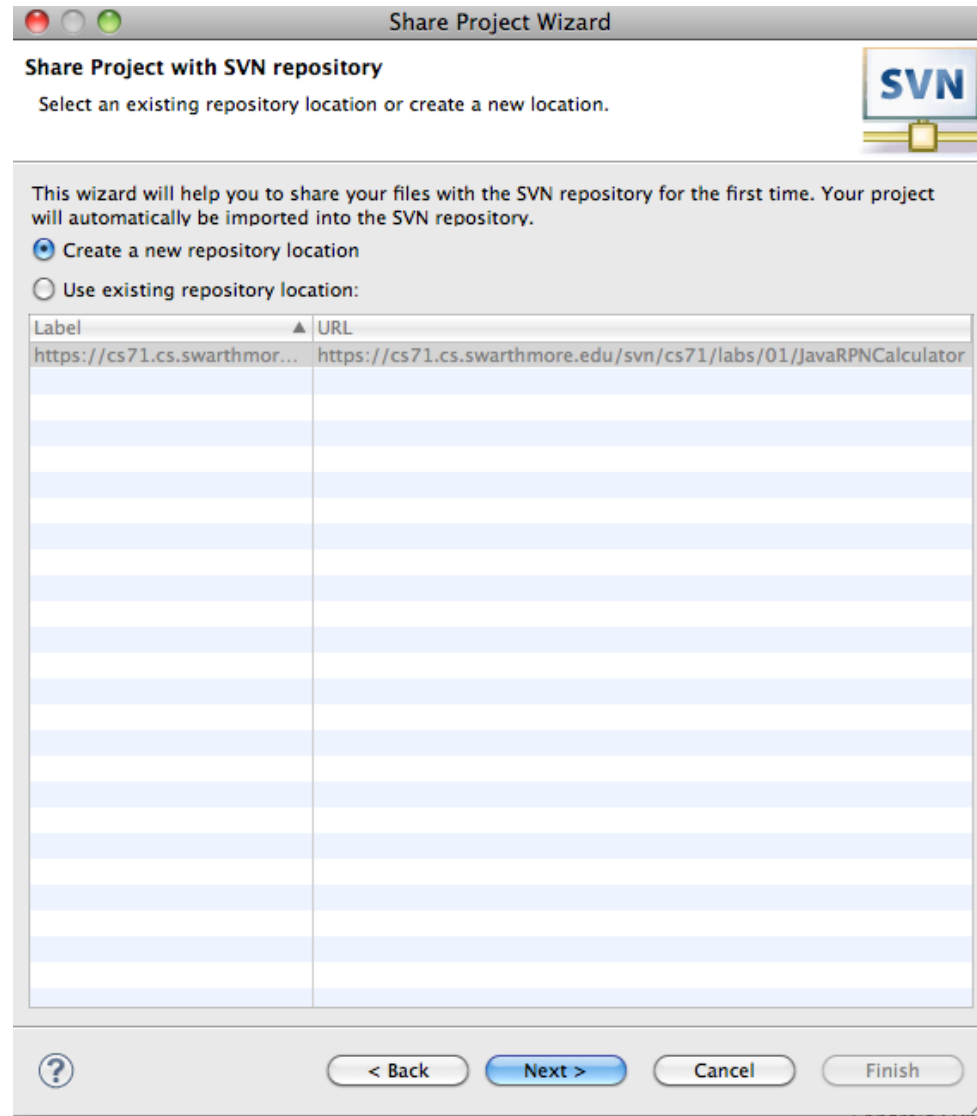


Set the
submission SVN
repo by right
clicking on the
project and,
under team,
choosing to
share the project

Choose SVN



Create a new repository location



Share Project Wizard

Enter Repository Location Information

Define the SVN repository location information. You can specify additional settings for proxy and svn+ssh, https connections.



General Advanced SSH Settings SSL Settings

URL: Browse...

Label

☒ Use the repository URL as the label
☐ Use a custom label:

Authentication

User:

Password:

☐ Save authentication (could trigger secure storage login)
To manage your security data, please see ["Secure Storage"](#)

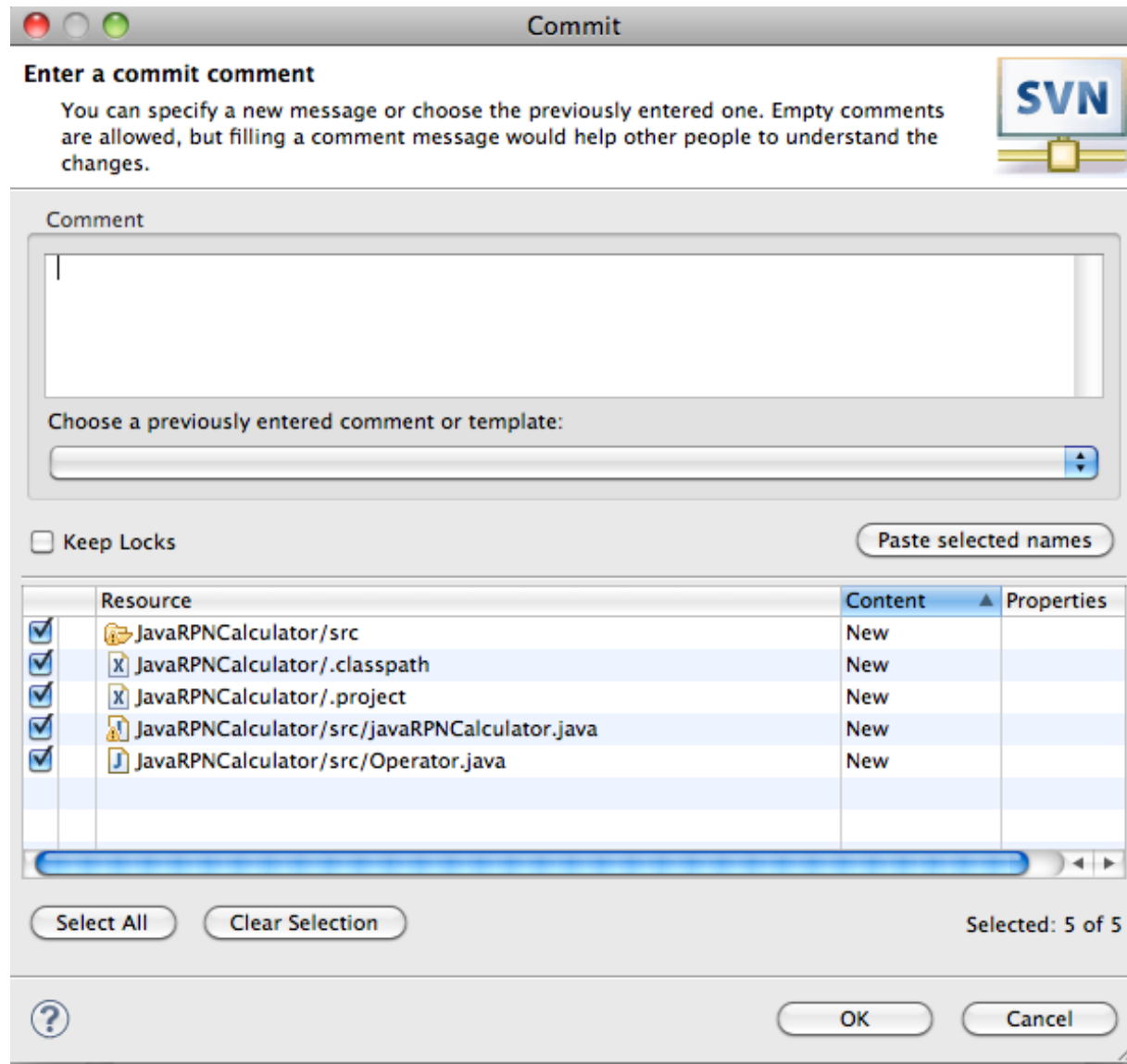
Show Credentials For:

☒ Validate Repository Location on finish Reset Changes

? < Back Next > Cancel Finish

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

