#### Tutorial: Running eclipse on CS Lab Machines and Checking out Labs and Assignments

CS71: Software Engineering: Mobile Development

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### Start eclipse

- Open a terminal window
- Run command: eclipse
- Eclipse splash screen should appear:



### Use the default workspace

- In this example I am logged in as user test71
- Your workspace should be /home/username/workspace

	Workspace Launcher	÷×
Select a workspace		
Eclipse stores your projects in a Choose a workspace folder to us	folder called a workspace. se for this session.	
Workspace: //home/test71/work	space	Browse
Use this as the default and d	o not ask again	ancel OK
	(c) Copyright Eclipse contributor	s and others, 2000, 2012. All rights reserved. Ec

### Close the Android SDK popup



### Don't send google stats...

<b>O</b>	Welcome to Ar	ndroid Developm	ent	
Contribute Usag	e Statistics?			
We know you jus	t want to get started b	out please read th	is first.	6
By choosing to se Android SDK. The SDK, and let us kn are the most population information about accordance with t	nd certain usage stati se usage statistics let now things like which ular with developers. t you, and is examine he Google Privacy Pol	istics to Google, y is us measure thin versions of the S This limited data d on an aggregate licy.	you can help us im ngs like active usa DK are in use and is not associated v e basis, and is mai	prove the ge of the which tools vith personal ntained in
Send usage statis	tics to Google?			
○ Yes				
<ul> <li>No</li> </ul>				
lf you later decide Android > Usage	e to change this settin Stats	g, you can do so	in the options pane <u>Google</u>	el under <u>Privacy Policy</u>
?	< Back	Next >	Cancel	Finish

# Use existing SDKs from /local/eclipse/android-sdk

Welcome to Android Development       Image: Configure SDK         Configure SDK       To develop for Android, you need an Android SDK, and at least one version of the Android APIs to compile against. You may also want additional versions of Android to test with.         Install new SDK       Image: Image	0	Welcome to Android Development	↑ □ ×
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	Existing Location:	/local/eclipse-swat/android-sdk	Browse
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< Back Next > Cancel Finish		< Back Next > Cancel	rinisn

### Finally...the eclipse project window

(might have to close the Welcome tab)



### Checkout lab assignment

- Right-click in ProjectExplorer tab: New-->Project
- Select SVN-->Project from SVN

	New Project	0 🗆 X
elect a wizard		
Create a new pro	pject by checking out an existing project from SVN repository.	
Vizards:		
type filter text		(8)
🕨 🗁 Java		
🕨 🗁 Java EE		
JavaScript		
🕨 🗁 JAXB		
🕨 🗁 JPA		0
🕨 🗁 Plug-in Dev	elopment	
🗸 🗁 SVN		
😴 Project fr	om SVN	
🕨 🗁 Web		
Examples		

### Enter URL, User, Password

URL: https://cs71.cs.swarthmore.edu/svn/cs71/labs/01/JavaRPNCalculator

nter Reposito Define the SVN additional setti	ry Location Information repository location information. You can specify	SVN
Define the SVN additional setti	repository location information. You can specify	SVIN
	ngs for proxy and svn+ssn, https connections.	<u>Ö</u>
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Label		
<ul> <li>Use the <u>r</u>e</li> </ul>	pository URL as the label	
<ul> <li>Use a <u>c</u>ust</li> </ul>	om label:	
Authentication		
	-+71	
<u>U</u> ser: te	51/1	×
Password:	•••••	
Save auth	entication (could trigger secure storage login)	
To manage vo	ur security data, please see "Secure Storage"	
Sho <u>w</u> Credentia	Is For: <pre></pre> <pr< td=""><td>÷ 🕺</td></pr<>	÷ 🕺
🗹 <u>V</u> alidate Rep	ository Location on finish	R <u>e</u> set Changes
?	< Back Next > Cancel	Finish

### Trust the SSL Certificate

	Certificate Problem	↑ □ ×
There is a prol	plem with the site's security certificate	
https://cs71.c Check securi no.	s.swarthmore.edu/svn/cs71/labs/01/JavaRPNCalculator y information for the site and make your choice: do you want to trust the site or	SVN
Field	Value	_
Error validating	https://cs71.cs.swarthmore.edu:443'	
- The certificat		
fingerprint to		
- The certificat		
Certificate info		
- Subject	CN=cs71	
- Valid	from Fri Jan 11 16:50:51 EST 2013 until Mon Jan 09 16:50:51 EST 2023	
- Issuer	CN=cs71	
- Fingerprint	c1:ac:e5:ae:6e:d4:51:77:f6:94:50:ce:b9:7f:b2:3e:f3:cc:9f:9e	
https://cs71.cs.s	warthmore.edu:443'	
		U
~		
(?)	Trust Always No	Trust

### Click finish...

Select Resource Select a resource URL: https://cs71 Revision Head Revision Date: 1/2 Revision:	which wil .cs.swarth n 21/2013	I be checke	ed out as proj svn/cs71/labs	ject. s/01/JavaRPN Browse	ICalculator	Browse.
JRL: https://cs71 Revision Head Revision Date: 1/2 Revision:	.cs.swarth n 21/2013	imore.edu/s	o2 AM	Browse	ICalculator	Browse.
Revision Head Revision Date: 1/2 Revision:	n 21/2013	<u>*</u> 11:03	02 AM 👘	Browse		
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Date: 1/2     Revision:	21/2013	× 11:03	02 AM	Browse		
O Revision:				Browse		
0		< Back	Novta		ancel	Finich

### Check out as...

0	Check Out As 🔶 🗖	×
Check Out As You can check you prefer to t	out the selected repository resource by different ways. Select the method of checkout	
Choose how to options are av	check out folder 'JavaRPNCalculator' ('Checkout using New Project Wizard' and 'Find Projects' ailable only if there is no .project file in the resource)	
O Check out	as a project configured using the New Project Wizard	
<ul> <li>Find project</li> </ul>	ts in the children of the selected resource	
Check out	as a folder into existing project	
Oheck out	as a project with the name specified:	
JavaRPNCalcu	Ilator	ר
Depth: Recurs	sively	;]
Revision		
<ul> <li>Head Rev</li> </ul>	ision	
<ul> <li>Date:</li> </ul>	1/21/2013 🚔 11:05:17 AM 🚔	
O Revision:	Browse	
?	< Back Next > Cancel Finish	٦

## Set master password (not required)

۲	Secure Storage	↑ □ X
Please enter a no	ew master password for the secure storage.	D
Password:	*****	
Confirm password:	*****	
		Show password
?	Cancel	ОК

### Enable recovery if you want...



### Checked out project!

(almost done)



### Switch to submission repo:

 right click on JavaRPNCalculator (just under Project Explorer)
 go to Team-->Disconnect



### Yes...also delete the metadata



### Set submission SVN repo

- Again: right click on JavaRPNCalculator
- Go to Team-->Share
- Choose SVN

0	Share Project	↑ □ ×
Share Project Select the reposite	ory plug-in that will be used to share the selected project.	
Select a repository	y type:	
w CVS		
₩ SVN		
?	< Back Next > Cancel	Finish

### Create new repo location

0	Share Pro	oject Wizard		
Share Project w	ith SVN repository			SVN
Select an existin	g repository location or	create a new locat	ion.	
This wizard will h project will autor	elp you to share your fil natically be imported in	es with the SVN re to the SVN reposite	pository for the first ory.	time. Your
Create a new	repository location			
<ul> <li><u>U</u>se existing r</li> </ul>	epository location:			
Label	▲ URL			
2	< Back	Next >	Cancel	e S Finish

### Enter submission URL

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.	SVN				
General Advanced SSH Settings SSL Settings					
URL: https://cs71.cs.swarthmore.edu/svn/cs71/submission/test71/01	Browse				
Label					
Use a sustem label					
Authentication					
User: test71	•				
Password:					
Save authentication (could trigger secure storage login)					
To manage your security data please see "Secure Storage"					
io manage your secarcy data, please see <u>secare storage</u>					
Show Credentials For: <a>Repository Location&gt;</a>	÷ 🕺				
✓ Validate Repository Location on finish	Reset Changes				
? < Back Next > Cancel	Finish				

## If you see commit screen, enter comment and click OK

Commit	+ = ×
Enter a commit comment (a) One or more of the files being committed contain wa	arnings.
	-0-
Comment	
first check in	
Choose a previously entered comment or template:	
	÷
C Keep Locks	Paste selected names
Resource	Content 🔺 Properties
🗹 📓 JavaRPNCalculator/src/javaRPNCalculator.java	Modified
JavaRPNCalculator/src/Operator.java	Modified
✓ I JavaRPNCalculator/.classpath	New
✓ IavaRPNCalculator/.project	New
Select All Clear Selection	Selected: 4 of 4
?	OK Cancel

## In project explorer, URL has changed...

