CS 360 Spring 2012

Programming with Eclipse in the CS Lab. Linux only.

Lab Setup

Android Eclipse Executable: /usr/local/share/CS360Eclipse/eclipse/eclipse Android SDK:

/usr/local/share/CS360Eclipse/android-sdk-linux

C/C++ Eclipse Executable: /usr/local/share/eclipse/eclipse

Starting up Eclipse for the first time may ask you to setup the Android SDK. Setup the SDK as shown below.

🖸 Welcome to Android Development <@homer>	≜ ×
Welcome to Android Development Configure SDK	
To develop for Android, you need an Android SDK, and at least one version of the Android APIs compile against. You may also want additional versions of Android to test with.	s to
○ Install new SDK	
🔽 Install the latest available version of Android APIs (supports all the latest features)	
Install Android 2.1, a version which is supported by ~97% phones and tablets	
(You can add additional platforms using the SDK Manager.)	
Target Location: /home/chadd/android-sdks Brow	Nse
Use existing SDKs Existing Location: //usr/local/share/CS360Eclinse/android.sdk.linux	
	vse
Cancel Einis Einis	h

▶ For ease of use, be sure to setup SVN to use SVNKit and not JavaHL.

Home Setup

If you want to setup Eclipse on your home Linux machine here is exactly what I have installed:

Eclipse: 3.7.1 Eclipse IDE for Java EE Developers, 64 bit http://eclipse.org/downloads/

Android SDK android-sdk_r16-linux.tgz http://developer.android.com/sdk/index.html

ADT 16.0.1 (December 2011) http://developer.android.com/sdk/eclipse-adt.html Plugin Address https://dl-ssl.google.com/android/eclipse/ OR http://dl-ssl.google.com/android/eclipse/

Android SDK Manger. I've installed the following packages:
Tools
4.0.3
3.2
2.3.3
2.1
1.6
Extras

Optional Install FindBugs http://findbugs.cs.umd.edu/eclipse

Subclipse http://subclipse.tigris.org/update_1.6.x

Subclipse 1.8 ONLY supports JavaHL not SVNKit. This can be problematic on OpenSUSE. NOTES: http://stackoverflow.com/questions/6730394/svnkit-with-subclipse-under-eclipse-indigo

► You MAY be able to copy the entire Eclipse install to your home machine if your machine is a 64bit Linux install.