

The Android Development Environment

Adam Porter
Derek Juba

Installation

- See
 - <http://developer.android.com/sdk/index.html>
- Steps
 - Java Platform SE
 - Eclipse IDE
 - Android SDK starter package
 - Eclipse ADT plugin
 - Add Android platform & other comps to SDK

Java

- Download Java Development Kit
 - <http://java.sun.com/javase/downloads/>

Eclipse

- Preferred IDE, but you can use others
- Requires version 3.4 or higher
 - <http://www.eclipse.org/downloads/>
 - Eclipse Classic is recommended

Android SDK starter package

- Core tools needed to get started
 - <http://developer.android.com/sdk/>
- Unpack files to a directory of your choice
 - By default: android-sdk-<machine-platform>
- Add this directory to your path to use Android tools from the command line

Eclipse ADT plugin

- See
 - <http://developer.android.com/sdk/eclipse-adt.html>
- Download the ADT plugin
 - Use the Help → Install New Software function
 - URL for Eclipse 3.5+
 - <https://dl-ssl.google.com/android/eclipse/>
- Configure plugin
 - Open preferences, click on “Android” and set the SDK location

Add Components to SDK

- Launch the Android SDK and AVD Manager
- Select 2.3.3 and 3.2