

Probability Wheel (Android) Installation

1. Installation of Eclipse

- a. Download a zip archive from the following website for your specific OS:
<http://geeksandroids.blogspot.com/2014/06/android-sdk-installations.html>
- b. Unzipping the archive into a folder, which will be referenced as "bundle", will result in 2 folders and 1 file
- c. Store "bundle" somewhere convenient

2. Setting up the Workspace

- a. Download this repository
- b. Inside "bundle", open the folder "eclipse" and start the application "eclipse.exe"
- c. If prompted for "Android SDK", navigate to the "SDK" folder inside "bundle"
- d. When prompted for a workspace location, please select the "BMIL Probability Wheel.zip" folder that has been unzipped

3. Setting up an emulator or Android smartphone as a debugger

- a. In eclipse, click on "Android Virtual Device Manager" in the top navigation bar
- b. Create a new virtual device with suitable specifications
- c. Connect a smartphone to the computer in use
- d. Enable "USB debugging" under "Settings" in the smartphone
- e. Eclipse should automatically detect the smartphone. If it does not, install the drivers for the phone

4. Exporting the App

- a. In Eclipse, under "Package Explorer," right click "Demo1"
- b. Navigate to "Android Tools"->"Export signed Application Package..."
- c. Create a new key and password
- d. An apk file will be created and is now free to be distributed and installed