

## Setting Up Your Development Environment

- 1) Install Oracle JDK 8 or OpenJDK 8 on your computer. This is just the Java Development Kit. If you've used Eclipse on your computer before, then you already have this.
- 2) Download Android Studio for your operating system.  
<https://developer.android.com/studio/index.html>  
We are using version **2.2.1.0**.
- 3) Install Android Studio. This will differ based on OS. Windows and macOS should be straightforward, but let me know if you encounter problems. For Linux,
  - 1) Unzip the zip file you downloaded.
  - 2) Move the "android-studio" directory to wherever you want the IDE's program files to be located. The convention is to have it in the "/opt" directory. This requires sudo:  
"sudo mv android-studio /opt/"
  - 3) To create a shortcut to launch Android Studio, download the "android-studio.desktop" file from our Google Drive Development Resources folder.
  - 4) Move this file to "/usr/share/applications". This requires sudo:  
"sudo mv android-studio.desktop /usr/share/applications/"
  - 5) After logging out and logging in again, Android Studio should be visible in the same location where all the rest of your applications are (e.g. the Dash in Ubuntu).
- 4) Clone the GitHub repo "<https://github.com/Date-a-Dog/Date-a-Dog.git>".
- 5) Open Android Studio and select "Import project".
- 6) Navigate to and select the directory you cloned from GitHub (i.e. the one containing the "build.gradle" file).
- 7) You can now start working on the Android app. Remember to always pull before you make any changes!