

## 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 **2.2.2.0**.
3. Install Android Studio. This will differ based on your OS. Windows and macOS should be straightforward, but let me know if you encounter problems. For Linux,
  - a. Unzip the zip file you downloaded.
  - b. 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/"
4. Clone the GitHub repo "<https://github.com/Date-a-Dog/Date-a-Dog.git>".
5. Open Android Studio. For Linux,
  - a. The command "/opt/android-studio/bin/studio.sh" opens Android Studio.
6. Select "Import project".
7. Navigate to and select the directory you cloned from GitHub (i.e. the one containing the "build.gradle" file).
8. You can now start working on the Android app. Remember to always pull before you make any changes!
9. To create a shortcut for Android Studio in Linux, first open the project. Then click on Tools in the menu bar and click "Create Desktop Entry...".