

Installation of Android Tools

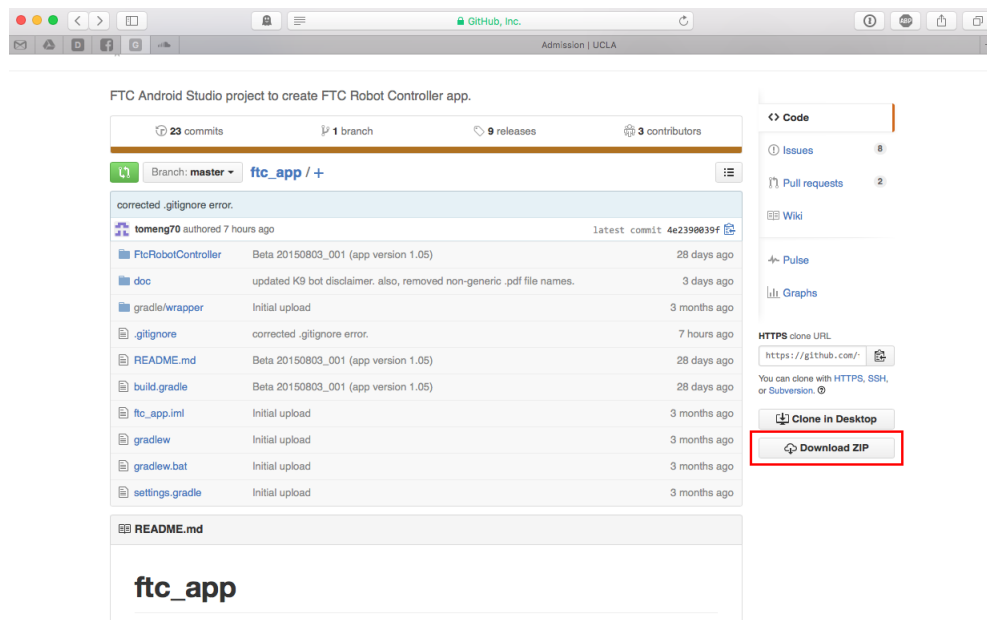
Please make sure that you follow all of these instructions and that you have everything ready for the next class.

1. Install Android Studio from here:
<https://developer.android.com/studio/index.html>
2. Download and install the Java 8 JDK from here (if you don't have it already):
<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

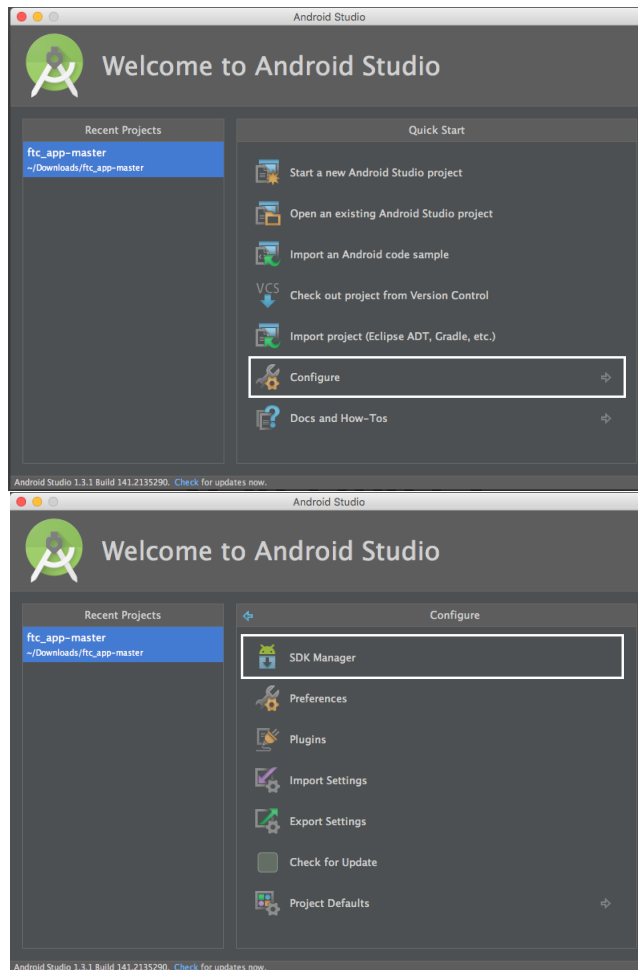
3. Download the ftc library and app from the following link:

https://github.com/ftctechnh/ftc_app

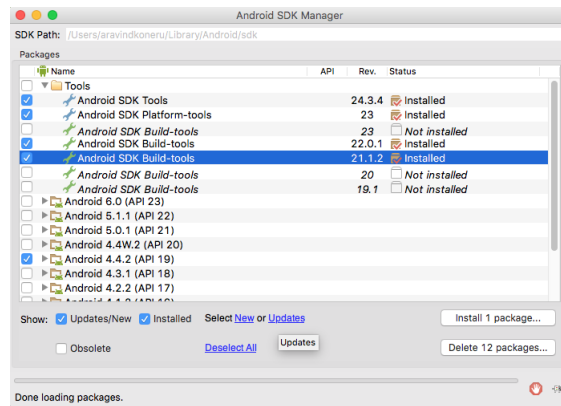
You can find the download link in the bottom right where it says "Download link". Once you download the file, unzip it and then move it to where you would like to keep the project.



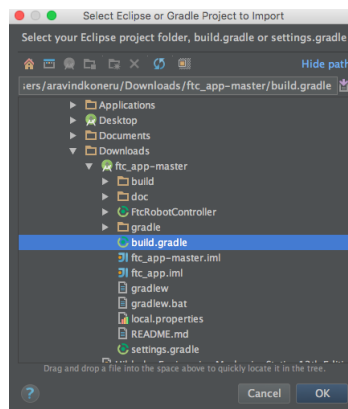
4. Open Android Studio. On the welcome screen, there should be an option "Configure". Click this option and then the first option on the next screen should be "SDK Manager". Open the SDK Manager.



5. There is an option on the bottom of the SDK Manager that says “deselect all”. Pick this option. Scroll down to API 19. There should be a checkbox right next to the API 19 option. Click this box and follow the prompts to install the API.



- Wait for the download to finish and then restart Android Studio.
- You should see an option that says “Import Project”. Click this option and go the FTC app folder you downloaded in step 2. Choose the **build.gradle** file and open it.



- Wait approx. 30 seconds and then look at the bottom left of Android Studio. You should see some text that says “Grade bundle finished” with a time. This means that you have successfully configured and installed the Android API and the FIRST SDK.

Mac Specific Instructions

Install android file transfer from here:

<https://www.android.com/filetransfer/>

Windows Specific Instructions

Install the following driver for Moto G:

<http://forum.xda-developers.com/showthread.php?t=2550635>

Hold off on installing these drivers until you've actually tried connecting the Moto G's to your laptop