

Set Up Steps for the FTC Programmers

1. Download Java SDK <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
Select "Accept License Agreement"
Mac: download the "Mac OS X" Version
Windows: "Windows x64"
2. Download Android Studio <https://developer.android.com/studio/index.html>
3. Download Source Tree <https://www.sourcetreeapp.com/>
4. Install them with default settings
5. Create your GitHub account <https://github.com/>
6. Set https://github.com/frc3175/ftc_app as the "upstream" to make a copy of the local repository
7. Double click on the branch of the team in which you belong
8. Import the project SDK to Android Studio

Alternative Setup for Programmers

1. Create your GitHub account <https://github.com/>
2. Download Notepad++ to edit team code <https://notepad-plus-plus.org/download/v7.5.1.html>

Set up for the Phones

- Remove SIM card and set up
- Turn on Airplane Mode and Wi-Fi
- Turn off auto-rotate, auto-sleeping and notification for "Google Services Framework"
- Sign into Google Play Store

Driver Station:

- Download "FTC Driver Station"

Robot Controller:

- Software Version -> Developer Mode
- Developer Options -> Enable USB Debugging
- Connect to Android Studio to download the app

Configure the Robot

1. Wire the robot properly
2. Connect the robot to the robot controller
3. Go to "Configure Robot" on the robot controller app
4. Scan for devices one at a time
5. Name the device exactly as it appears on your program