

Installing Arduino IDE for Software Training

Linux

1. Download the IDE
 - a. Got to www.arduino.cc/en/Main/Software
 - b. Download linux zip folder
 - c. Extract zip folder contents to home directory
2. Enable C++11
 - a. Open `~/arduino-1.6.5-r5/hardware/arduino/avr/platform.txt`
 - b. Find line starting with `compiler.cpp.flags=`
 - c. Add `-std=C++11` right after `compiler.cpp.flags=`
 - d. Save & Close
3. Install Dependency Libraries
 - a. Launch Arduino IDE
 - b. Sketch → Include Library → Manage Libraries...
 - c. Search for and install Encoder
 - d. Search for and install PID
4. Install Bricktronics Libraries
 - a. Download Bricktronics zip from <https://app.box.com/s/2nkjzfva2hxqzwur2p890s3ejoscmbsq>
 - b. Extract into `~/Arduino/libraries/`