

Important: These instructions are for adding ardublock to newer versions (newer than 1.6.11)

INSTALLING ARDUBLOCK ADD-ON

Before adding ardublock, you will need to install the Arduino IDE - Integrated Development Environment. Software can be downloaded at: <https://www.arduino.cc/en/Main/Software>

Instructions for Installing Newer ArduBlock Software

Although ArduBlock is easy to use, it is not easy to install. The instructions included below are easier to follow than those on the Arduino website and will provide you with ardublock compatible with the latest version.

INSTRUCTIONS

PART ONE:

1. Go the Github to get the latest version: <https://github.com/taweili/ardublock/releases>
2. Click on the “**ardublock-all-master-beta-20171028.jar**” file to download.

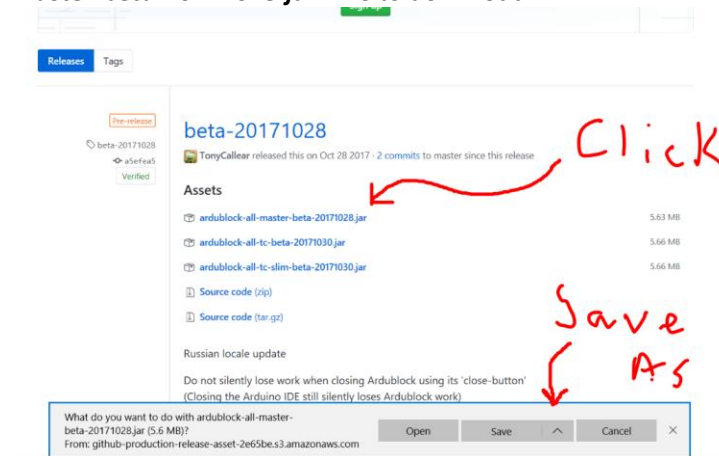


Figure i-1: Downloading ArduBlock

3. Click “Save As” and choose to save it to your desktop

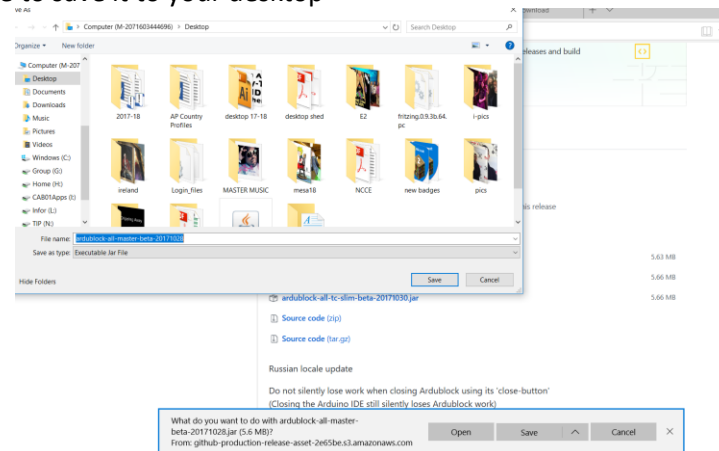


Figure i-2: Saving ArduBlock

3. After a few seconds, your browser will download the file and you should see the file on your desktop.

DO NOT OPEN the file! If you open it, it will look like it is working, but it will not actually communicate with the Arduino. (If you did open it, then simply close it.)

END OF PART ONE

PART TWO:

4. Open the Arduino IDE program.

6. Click on file menu – click on preferences.

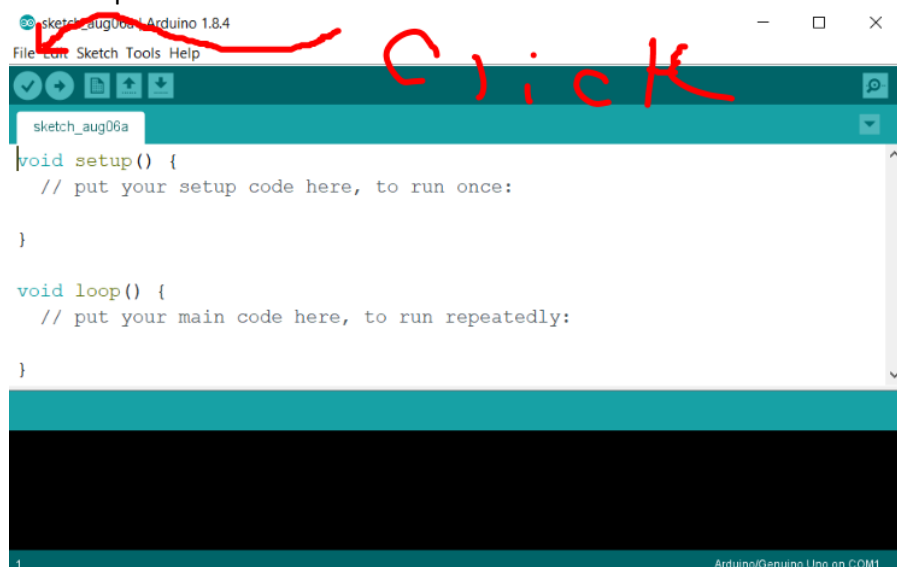


Figure i-3: Open File in Arduino IDE

7. Locate the location of the Sketchbook, select the text of the location, right click, & copy

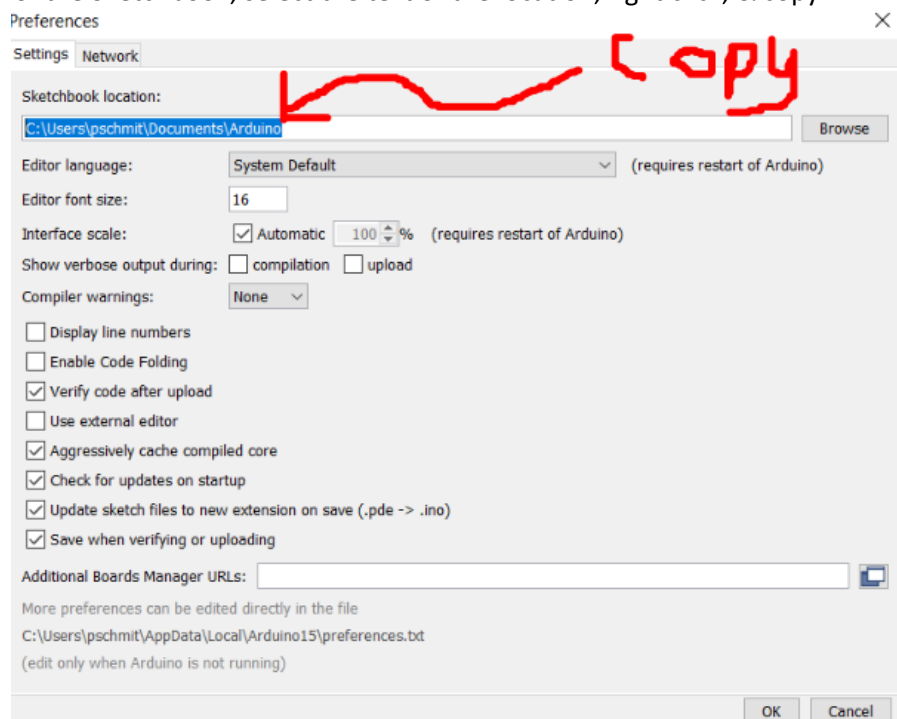


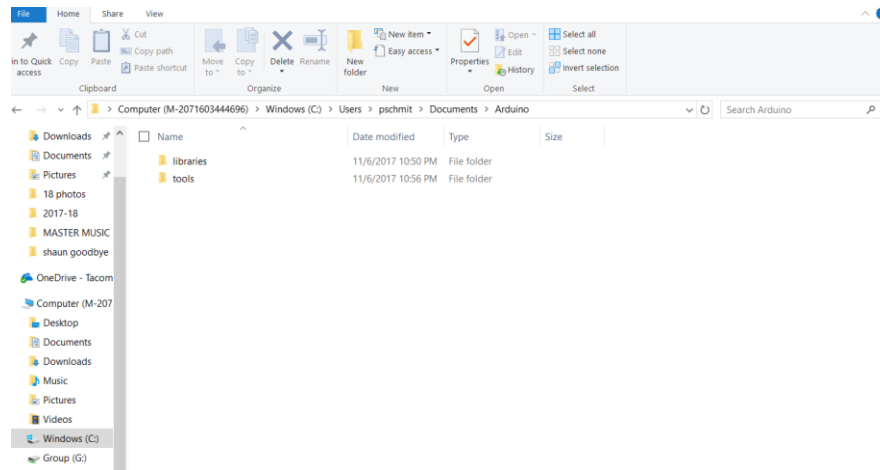
Figure i-4: Locate Sketchbook

5. Open a File Explorer window (Windows). Paste location into File Explorer bar, click enter

END OF PART TWO

PART THREE:

6. Once inside the Sketchbook location folder (typically named **Arduino**), right click and create a new folder called: **tools**



CRITICAL NOTE: spelling matter and is case sensitive (must be lower case: "tools")

Figure i-5: Create the "tools" folder

7. Open the **tools** folder you just created

8. Inside the **tools** folder, right click and create a new folder called "**ArduBlockTool**". (Reminder: *It must be spelled AND capitalized the exact same.*)

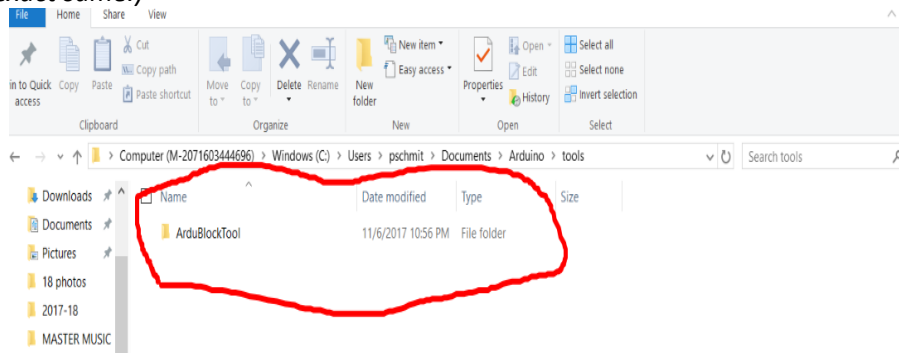


Figure i-6: The "ArduBlockTool" Folder

9. Open the **ArduBlockTool** folder you just created

10. Inside the **ArduBlockTool** folder, create a new folder called "**tool**". (Reminder: *It must be spelled AND capitalized the exact same.*)

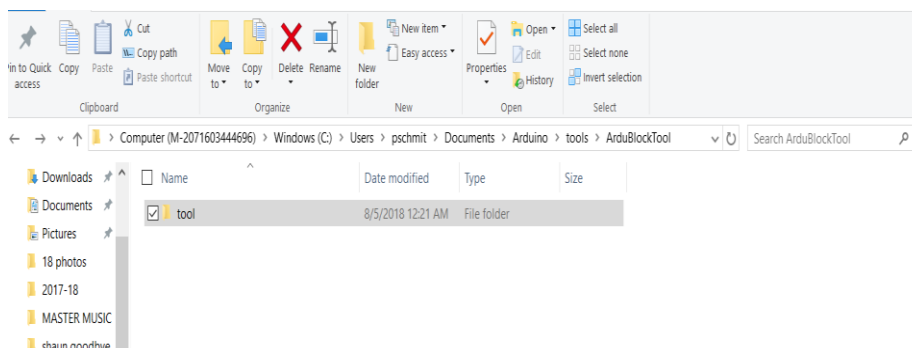


Figure i-7: The "Tool" Folder

11. Go to your desktop and move the ArduBlock file you downloaded (it starts with **ArduBlock** and ends with **.jar**) into the **tool** folder.

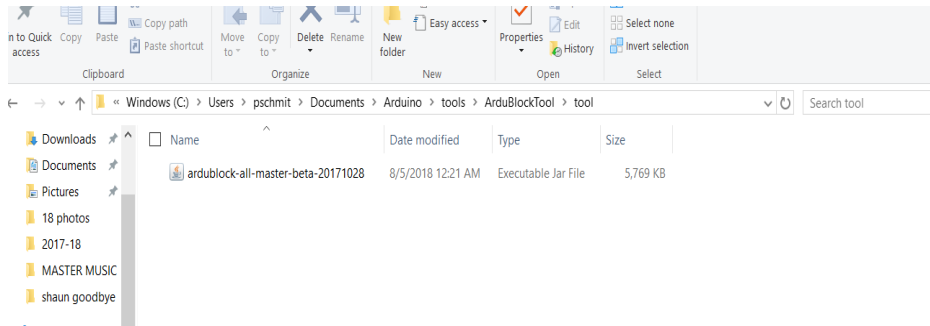


Figure i-10: The ArduBlock Java (jar) File

10. Close file explorer and exit out of the Arduino IDE program.

END OF PART THREE

PART FOUR:

11. Open the Arduino IDE program again.

11. In Arduino IDE program, click the **Tools** menu, select **ArduBlock**. ArduBlock will open as a new window.

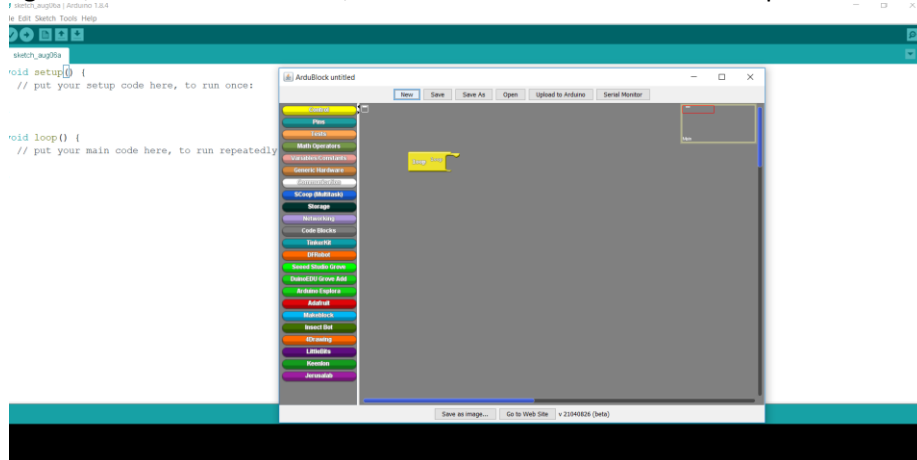


Figure i-11: Opening ArduBlock from the Tools Menu

If you don't see it, then double-check all of your folder names for spelling & capitalization.

END OF PART FOUR
