

# Operation Guide

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Tech Support

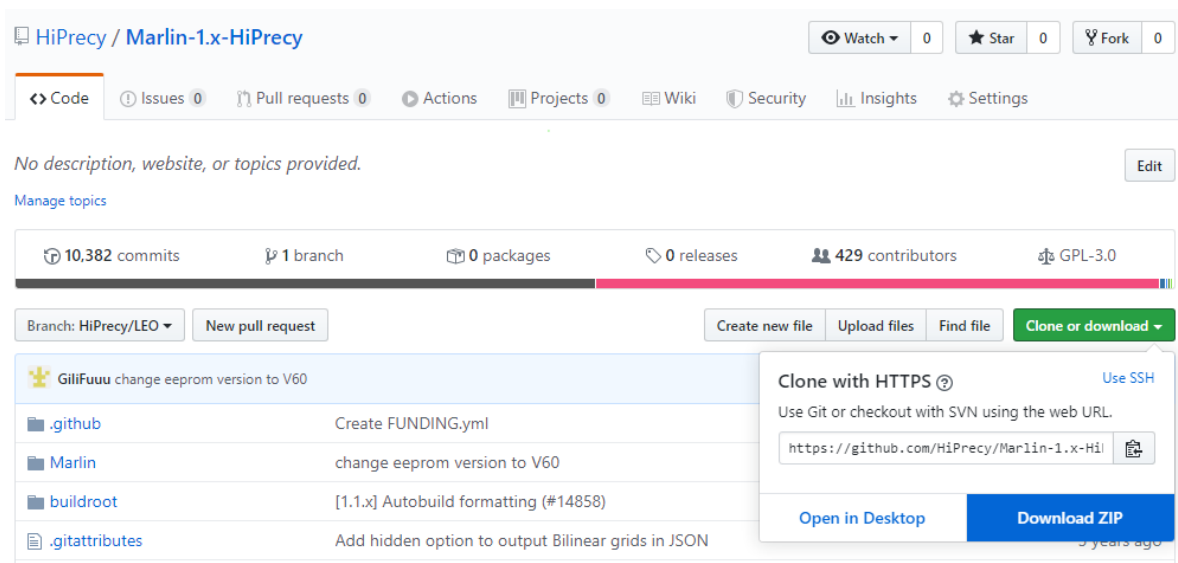
## Install USB Driver

Hiprecy LEO use the F6 motherboard from FYSETC, it used a cheap but stable chip for USB to serial, CH340, The Driver is here: <https://github.com/HiPrecy/USB-Driver>

## Download firmware

Download it from our github repo: <https://github.com/HiPrecy/Marlin-1.x-HiPrecy>.

Click 'Download ZIP' button to download.



HiPrecy / Marlin-1.x-HiPrecy

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10,382 commits 1 branch 0 packages 0 releases 429 contributors GPL-3.0

Branch: HiPrecy/LEO New pull request

Create new file Upload files Find file Clone or download

GiliFuuu change eeprom version to V60

.github	Create FUNDING.yml
Marlin	change eeprom version to V60
buildroot	[1.1.x] Autobuild formatting (#14858)
.gitattributes	Add hidden option to output Bilinear grids in JSON

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

<https://github.com/HiPrecy/Marlin-1.x-HiPrecy>

Open in Desktop Download ZIP

Put the zip file to your Arduino project path. My path is "D:\Documents\Arduino\projects", you can take that as a reference path. Finally Unzip the file.

# Update Firmware

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There are two options for you to update the firmware.

## Option 1: Update Firmware using hex file

### Step1: Download CURA software.

You can download the software from

<https://ultimaker.com/software/ultimaker-cura>

Then install the software.

### Step2: Connect the USB

Connect a USB cable between your computer and the machine.

### Step3: Upload firmware

First you need to download the firmware (see above) .

Open the CURA software. Choose Settings-> Printer-> Manage Printers -> Printers-> Local Printers-> Update Firmware -> Upload custom Firmware

Then locate the .hex file , it's in your downloaded firmware folder 'output'.For example "D:\Documents\Arduino\projects\Marlin-1.x-HiPrecy-HiPrecy-LEO\Marlin\output" .

Then the firmware will upload automatically.

## Option2: Update Firmware from code

### Step1: Download and install Arduino software

You can download it from Arduino website. We recommend to use version 1.8.5.

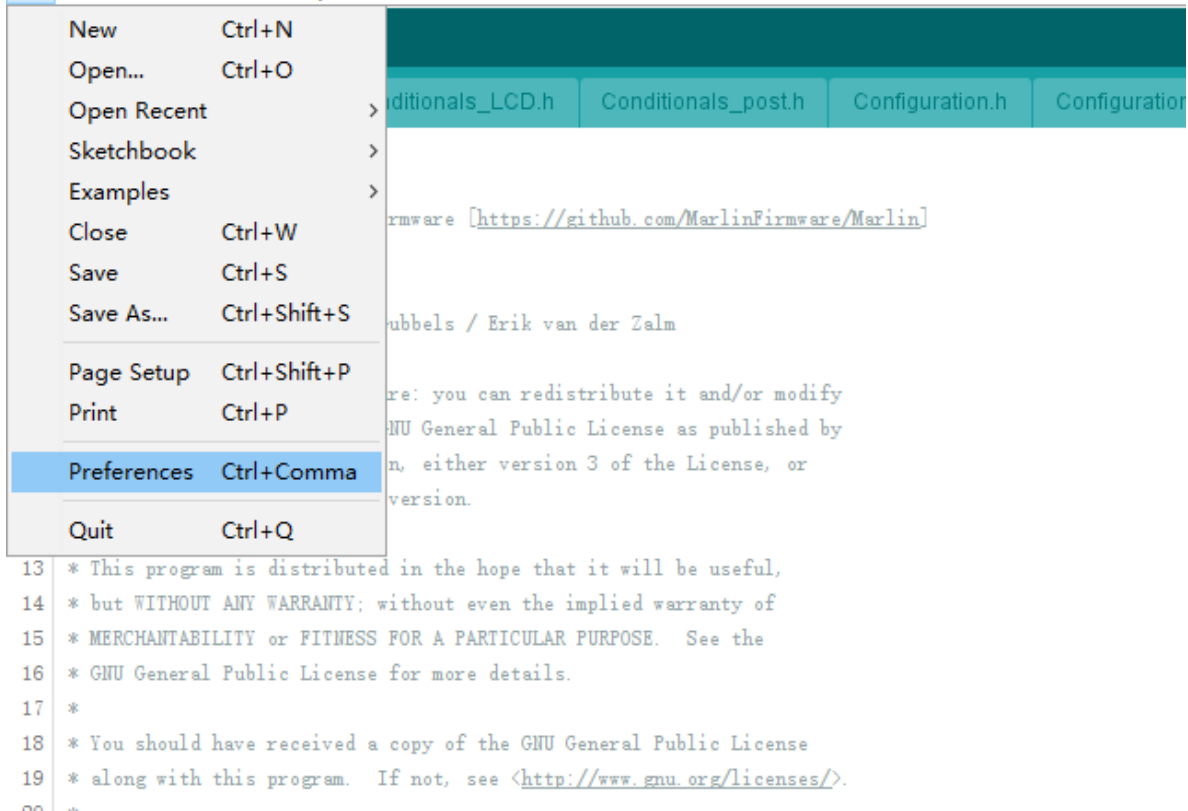
<https://www.arduino.cc/en/Main/Software>

### Step2: Open firmware Arduino project

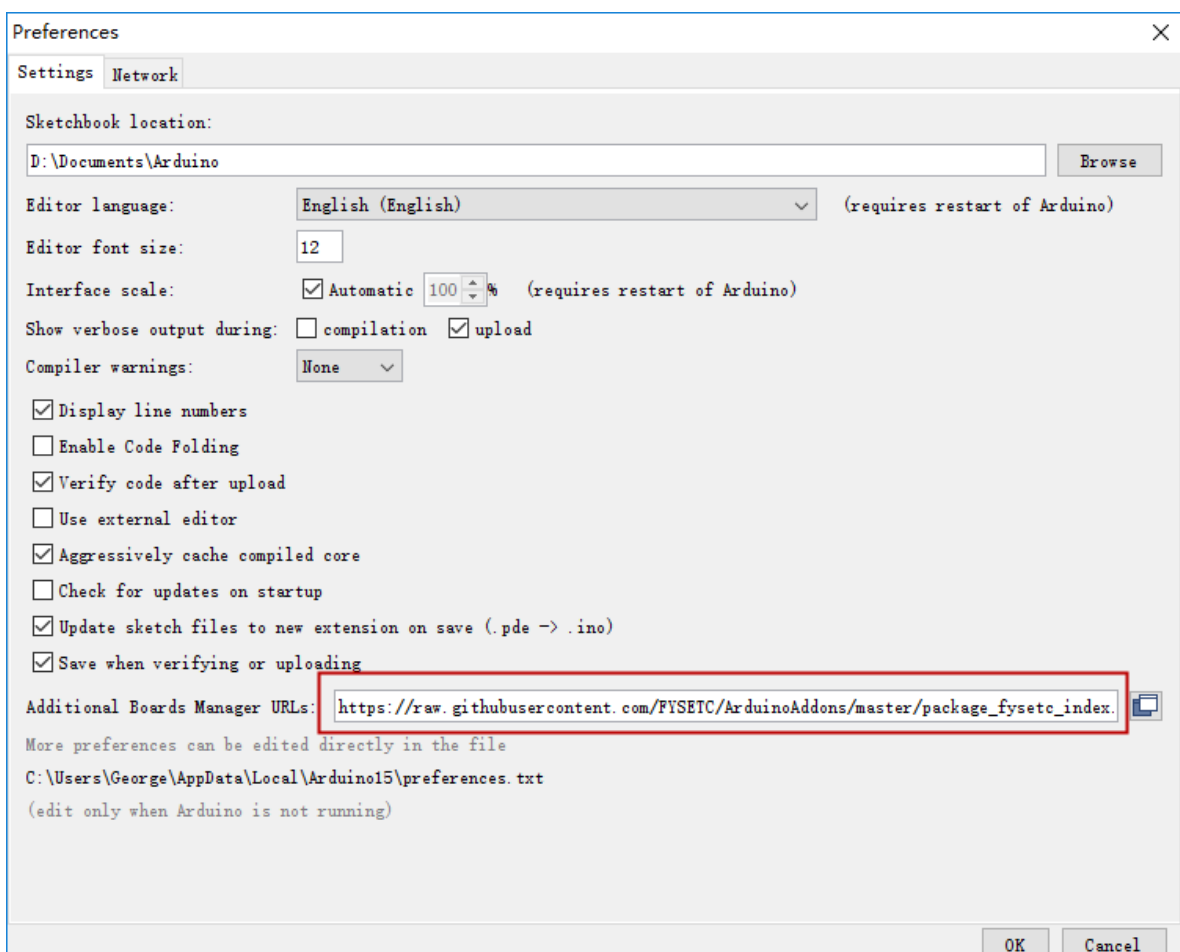
In downloaded firmware folder you can find "Marlin.ino" file in Marlin folder and open it.

### Step3: Install Arduino addon

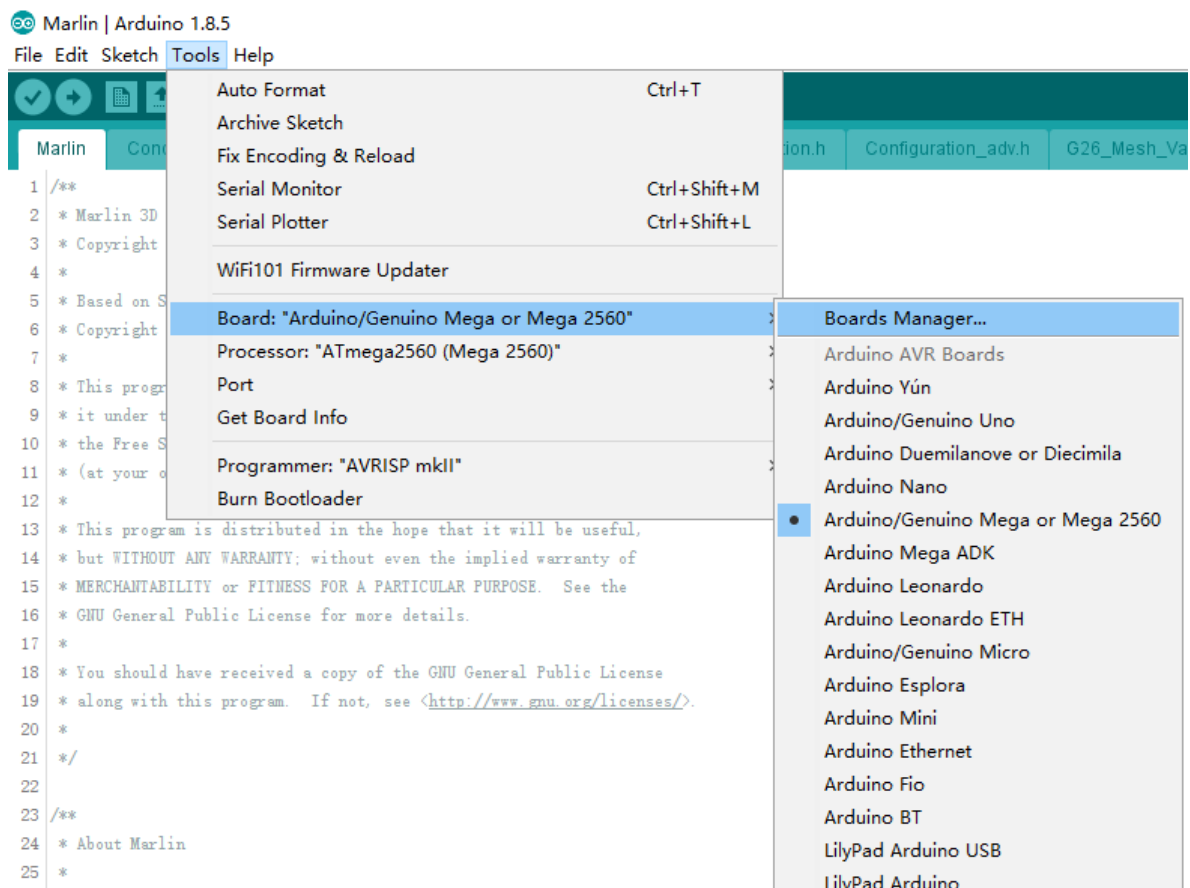
- Install the addon from the Arduino Board Manager. From the Arduino File menu select Preferences.



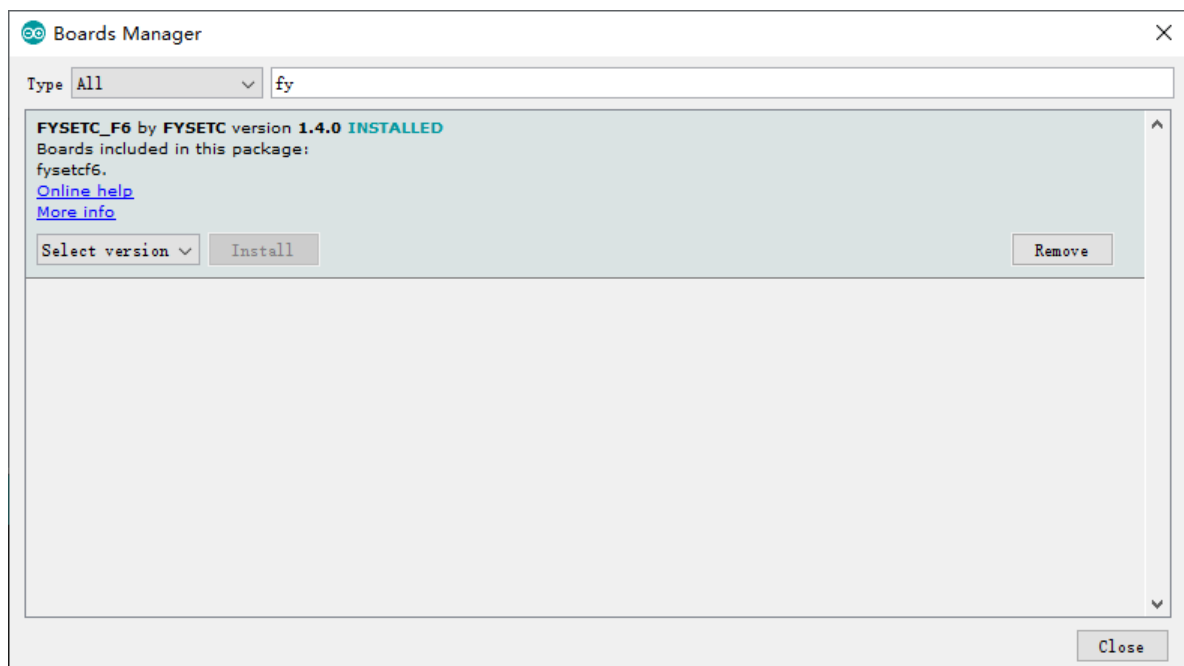
- Add the following URL to "Additional Board Manager URLs" section. [https://raw.githubusercontent.com/FYSETC/ArduinoAddons/master/package\\_fysetc\\_index.json](https://raw.githubusercontent.com/FYSETC/ArduinoAddons/master/package_fysetc_index.json)



- Open the "Boards Manager".

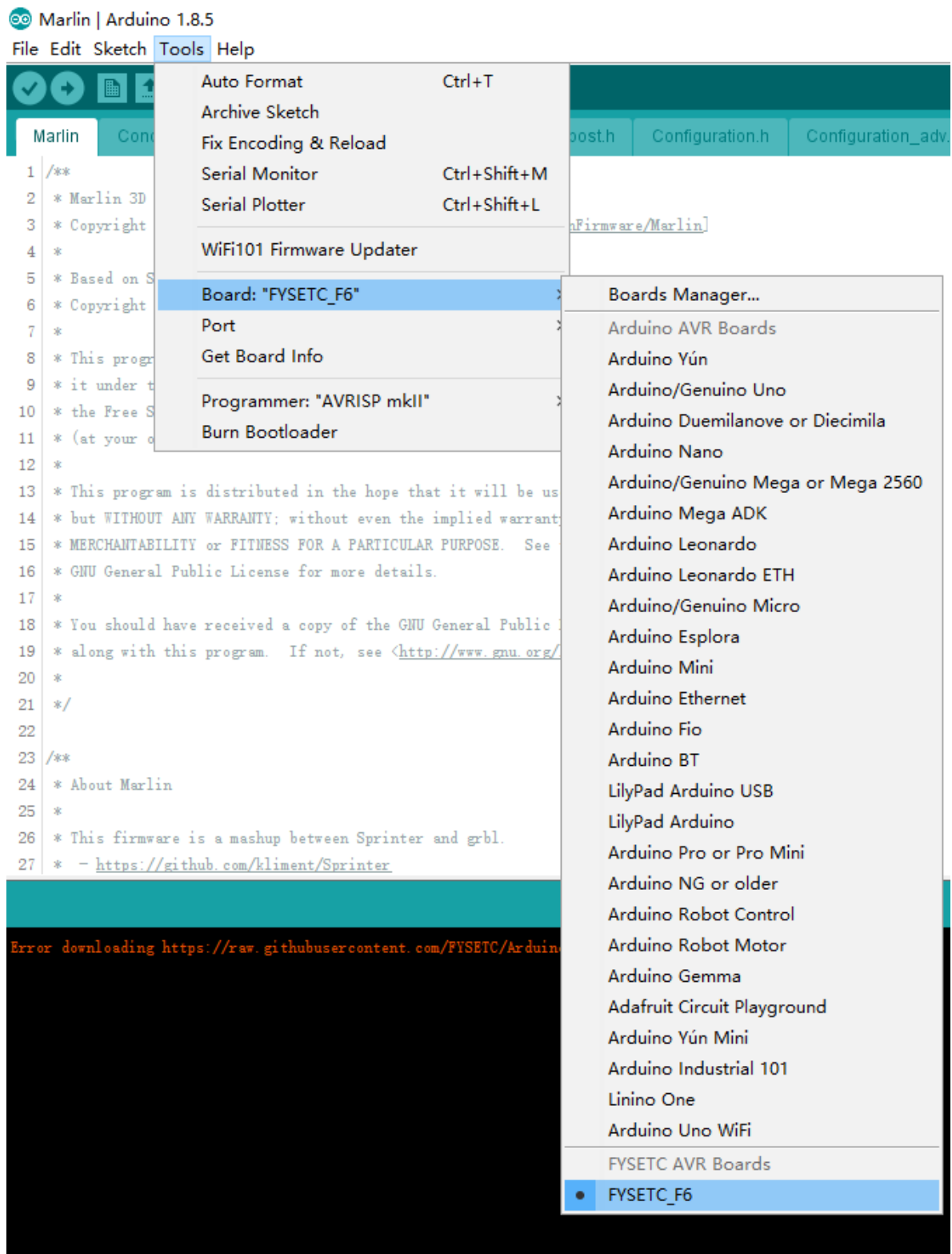


- Search the "FYSETC\_F6"



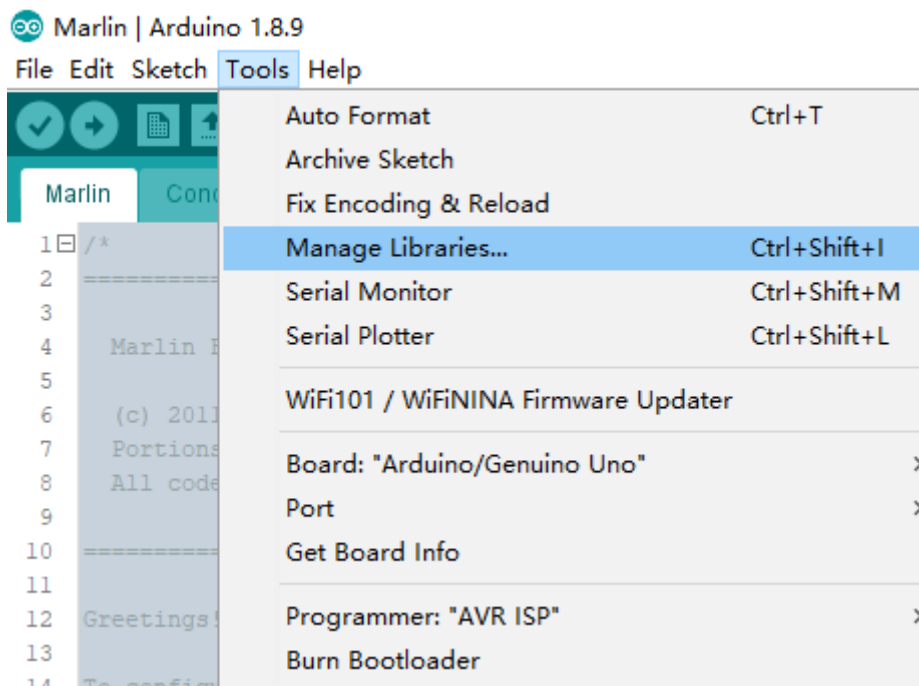
- And then install it.

## Step4: Select the F6 board

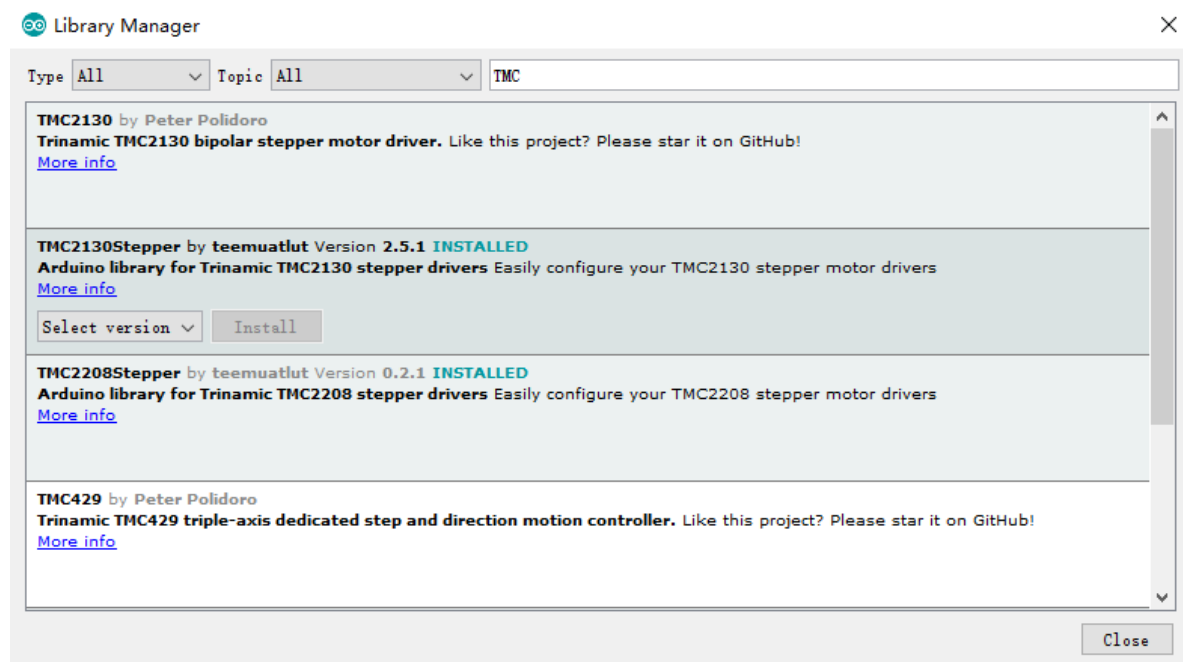


## Step5: Install TMC2130 library

Click "Manage Libraries" .

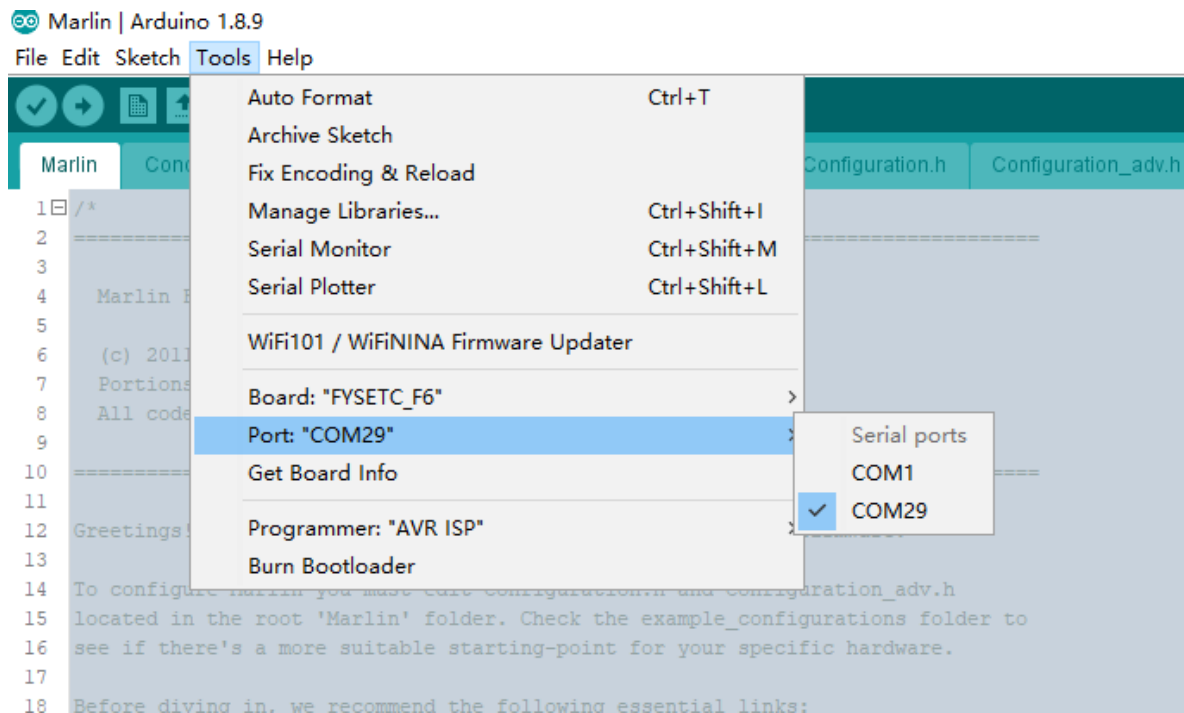


Type "TMC" and Enter to search for TMC2130 library by teemuatlut. Click 'Install' button to install the library.



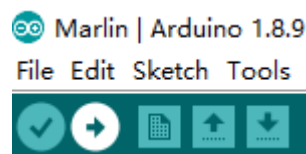
## Step6: Connect the USB cable

Connect a USB cable between your computer and the machine. Then click Tools->Port and select the COM port.



## Step7: Upload

Click the arrow button to upload.



## Tech Support

Please submit any technical issue into our [forum](#)