

Operation Guide

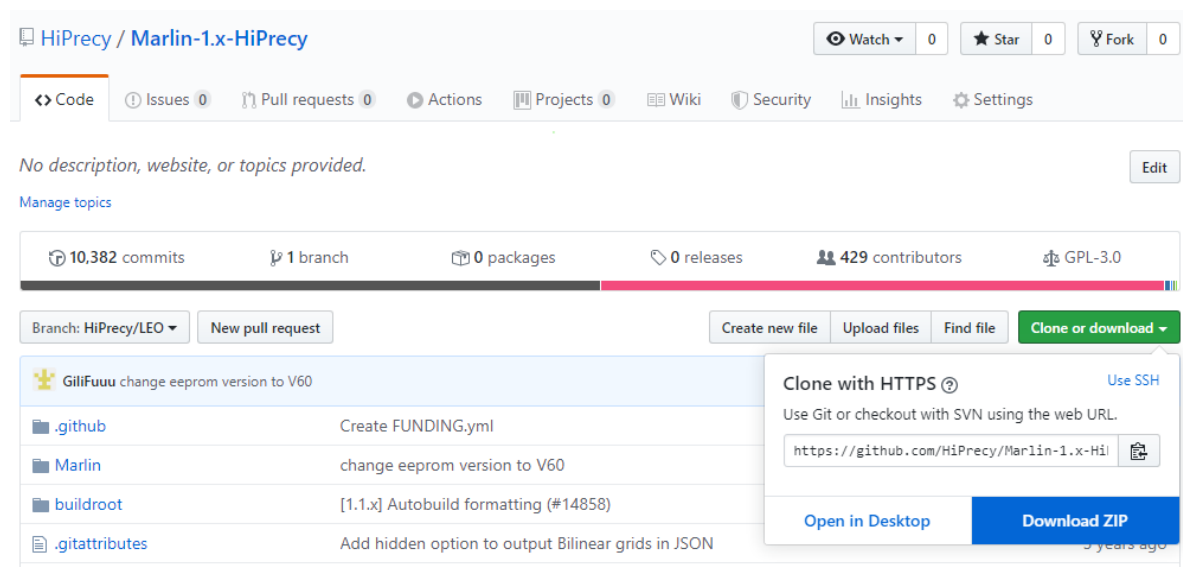
Install USB Driver

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.



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

There are two ways for you to update the firmware.

Update Firmware using hex file

Step1: Download CURA software.

You can download the software from github

<https://github.com/Ultimaker/Cura/releases/tag/4.3.0>

Step2: Connect the USB

Connect a USB cable between your computer and the machine.

Step3: Upload firmware

Install and open the 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.

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.

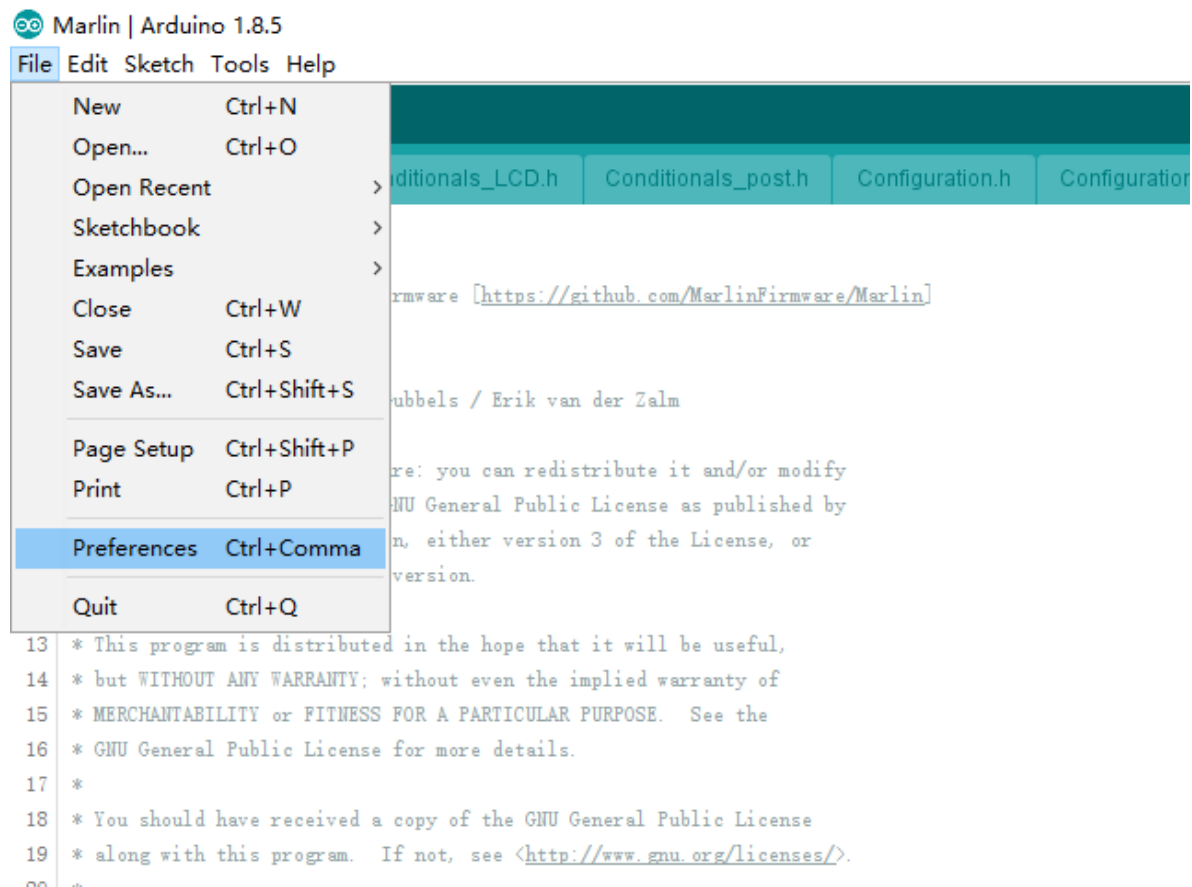
<https://www.arduino.cc/en/Main/Software>

Step2: Open firmware Arduino project

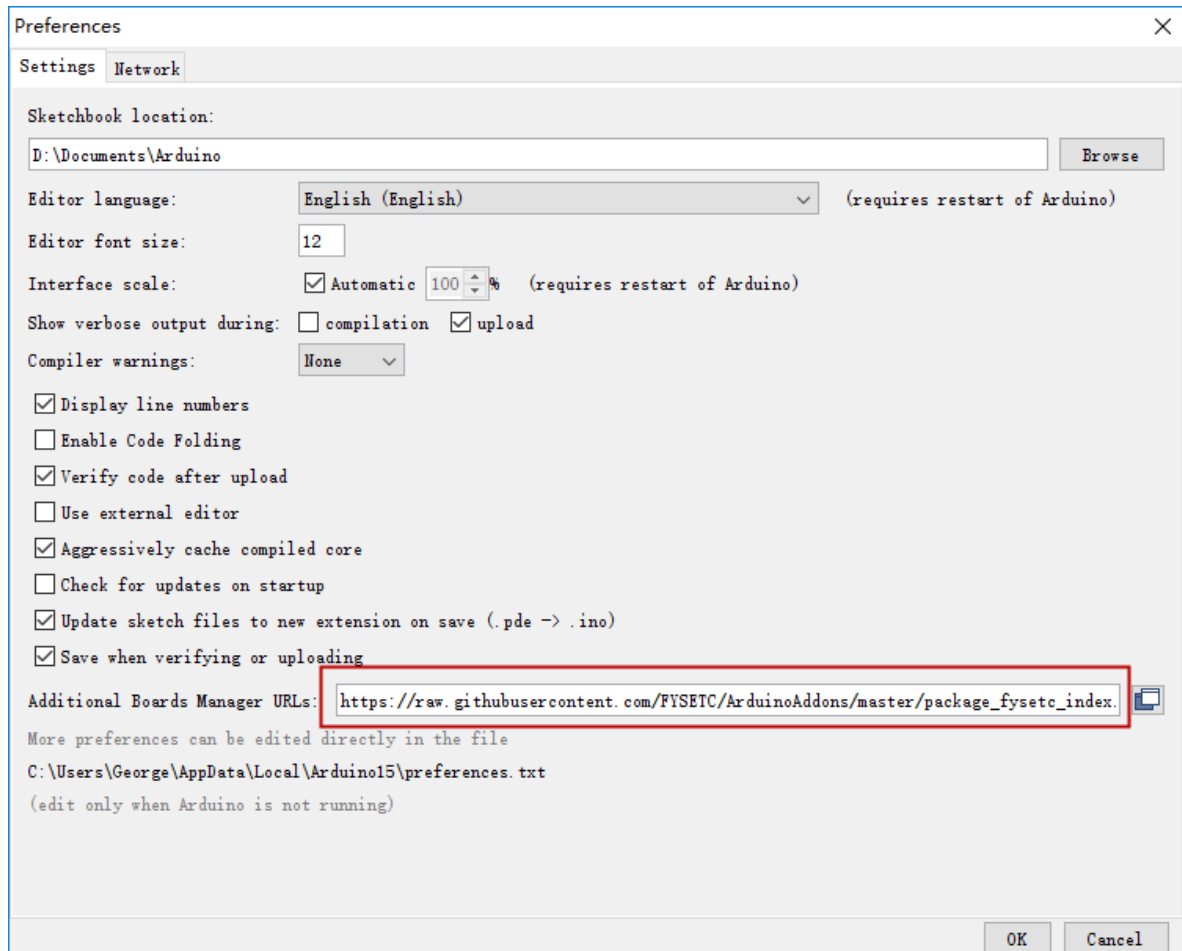
In downloaded firmware folder you can find "Marlin.ino" file in Marlin folder and open it.

Step3: Install Arduino addon

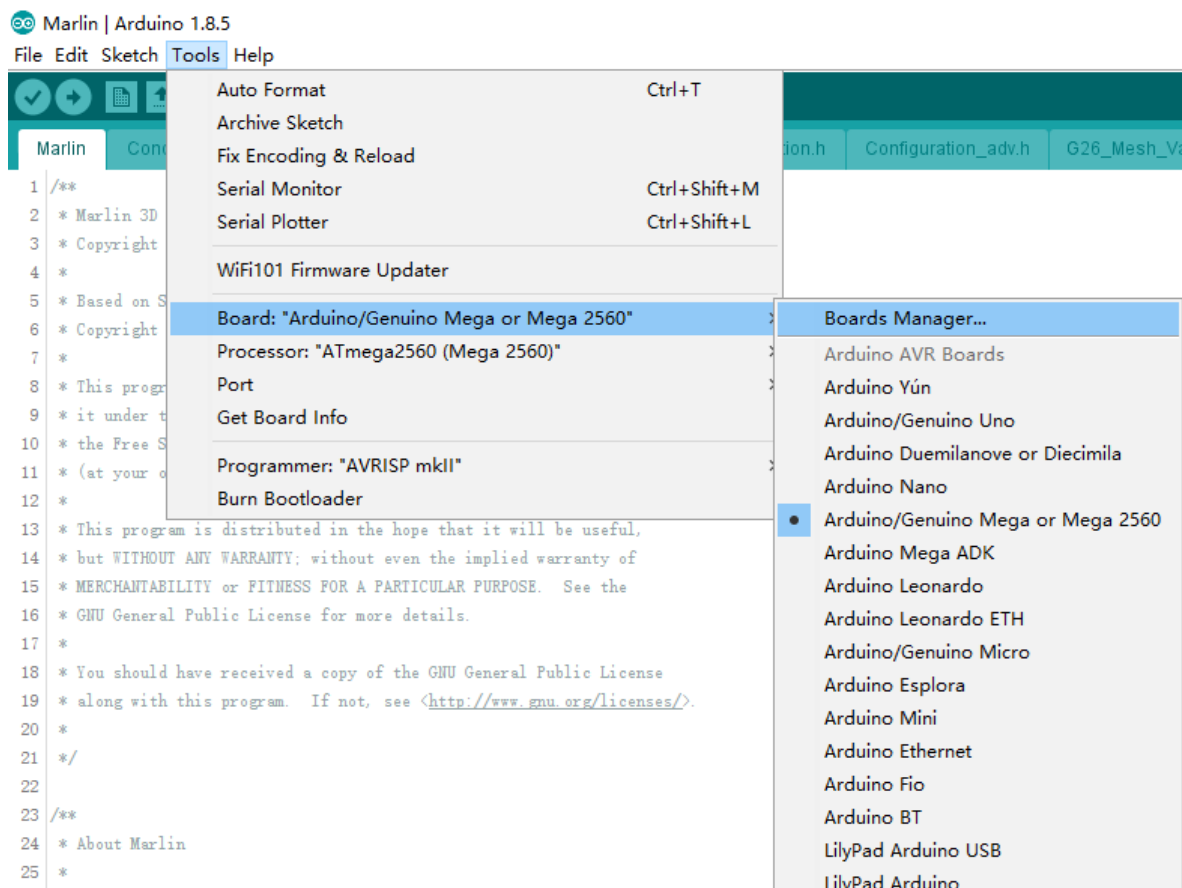
- Install the addon from the Arduino Board Manager. From the Arduino File menu select Preferences.



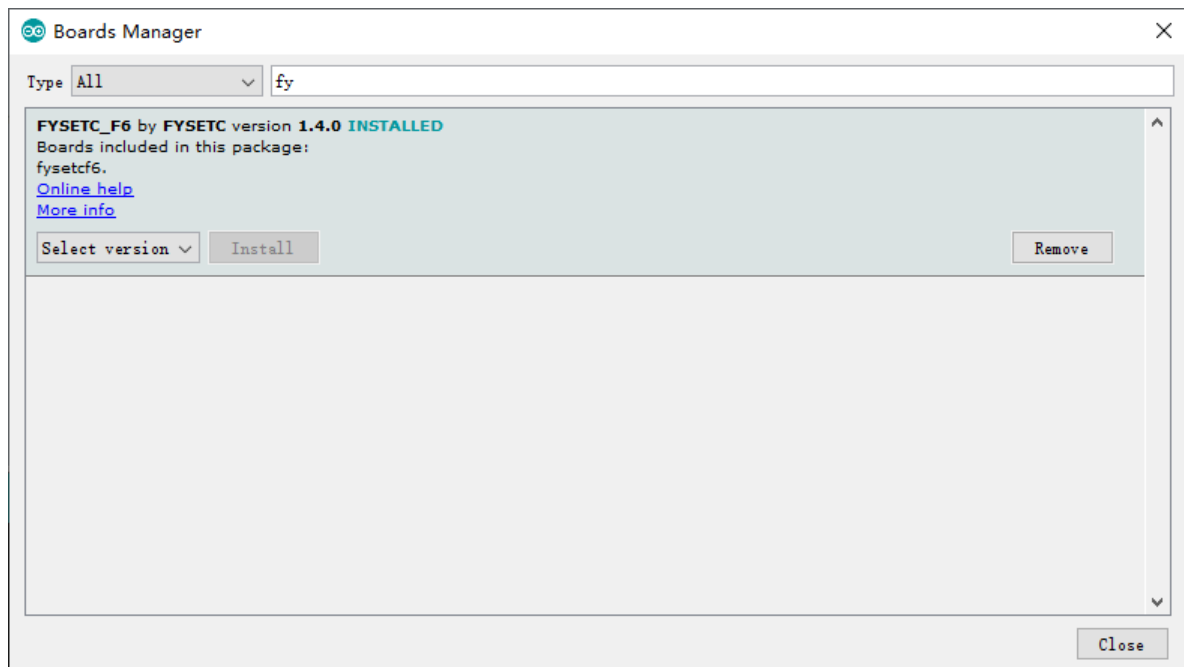
- Add the following URL to "Additional Board Manager URLs" section. https://raw.githubusercontent.com/FYSETC/ArduinoAddons/master/package_fysetc_index.json



- Open the "Boards Manager".

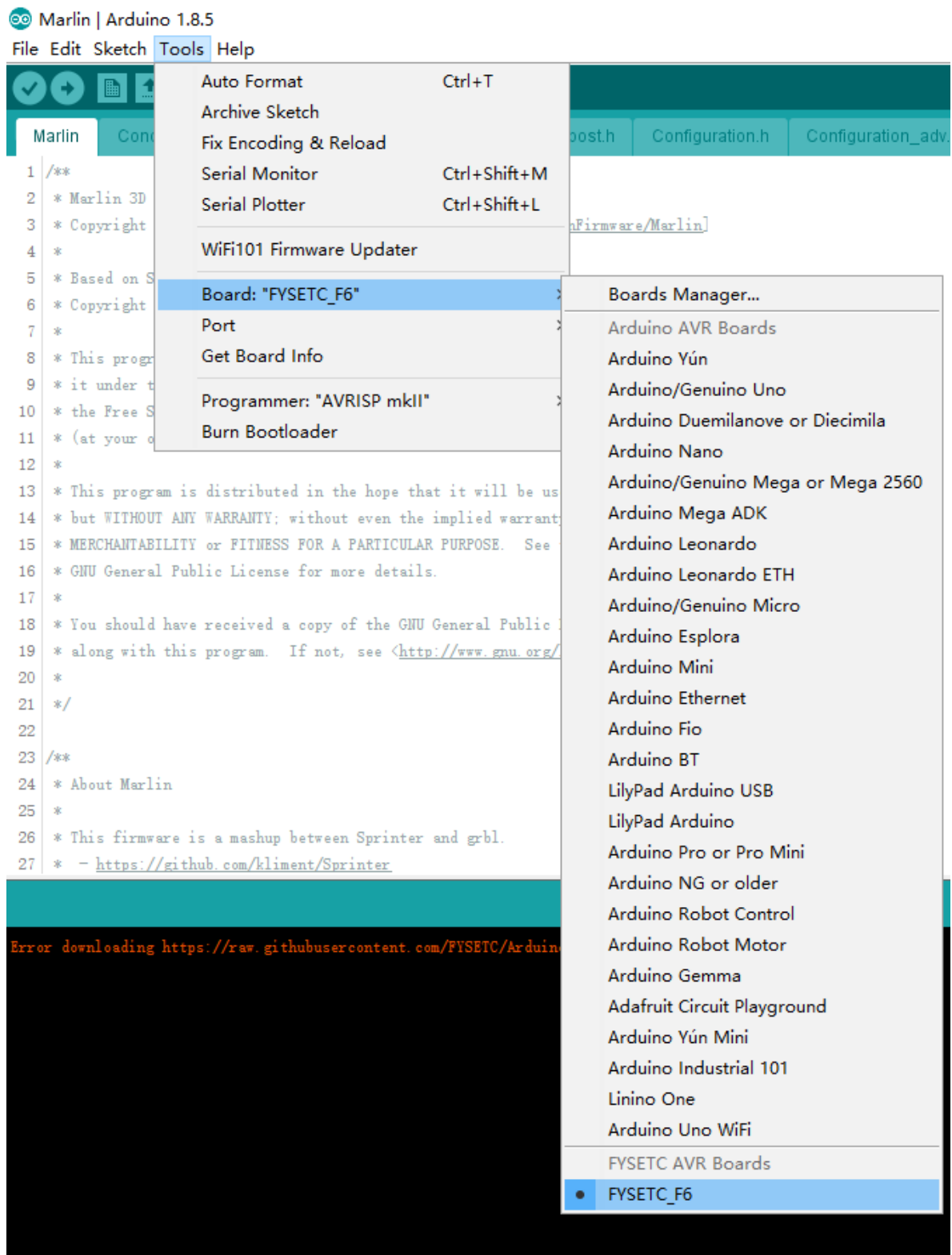


- Search the "FYSETC_F6"



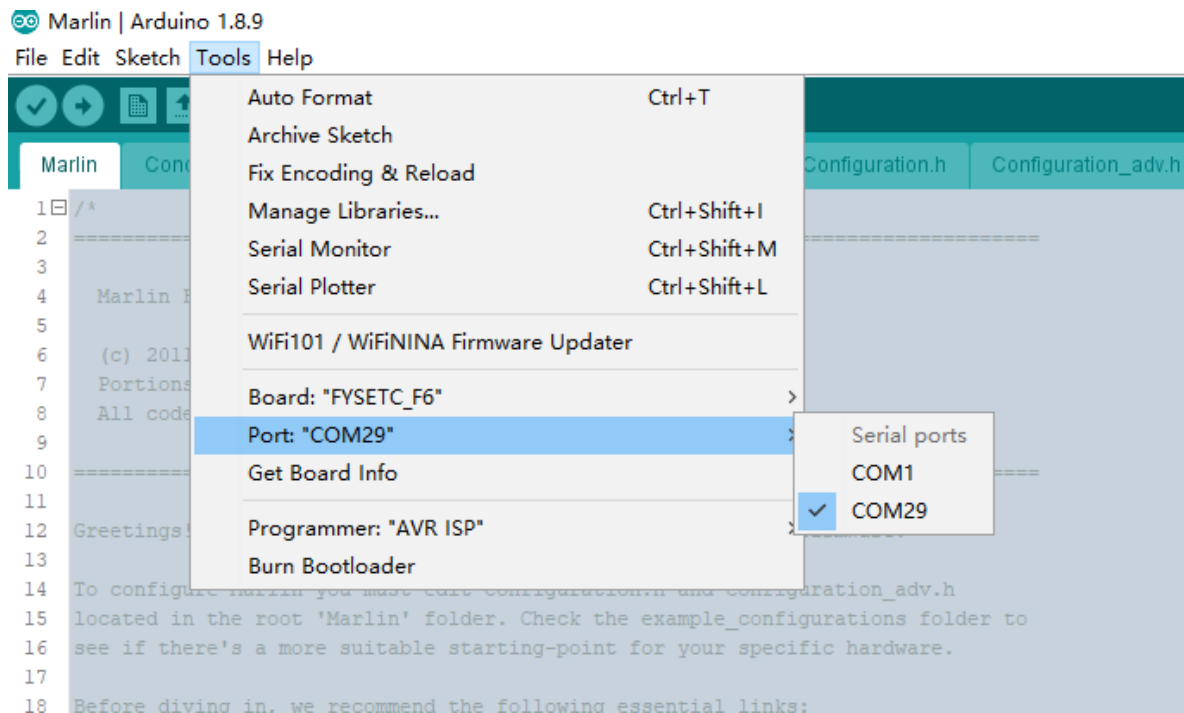
- And then install it.

Step4: Select the F6 board



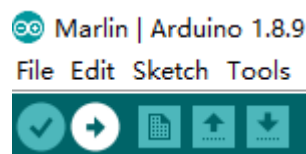
Step5: Connect the USB cable

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



Step6: Upload

Click the arrow button to upload.



Tech Support

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