

Tamaguino Step by step code:

Step 1 material and diagram:

Tamguino is compatible with Arduino uno/nano/pro mini

See hardware part : <https://alozjakob.github.io/Tamaguino/>

Step 2 Library and code :

Requirement:

-Arduino desktop software

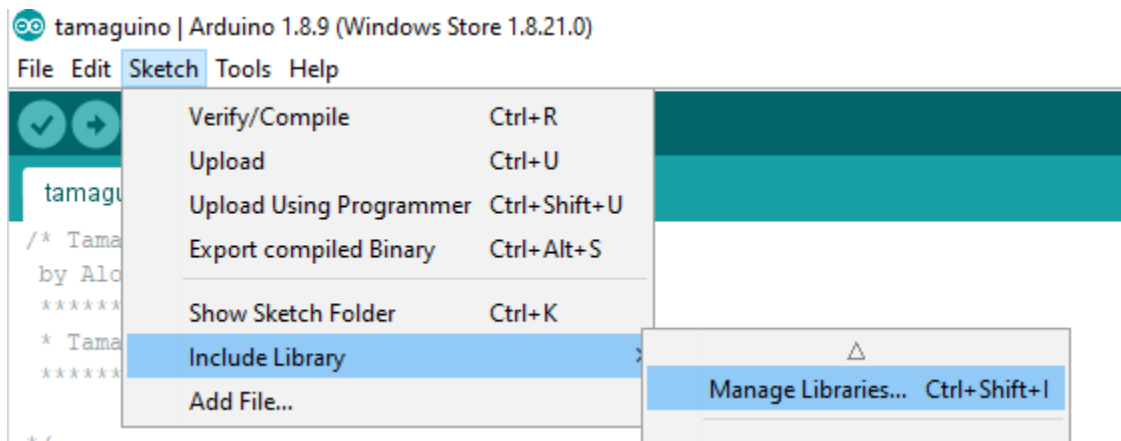
-Library [Adafruit_GFX.h](#) 1.1.5

-Library [Adafruit_SSD1306.h](#) version 1.1.2

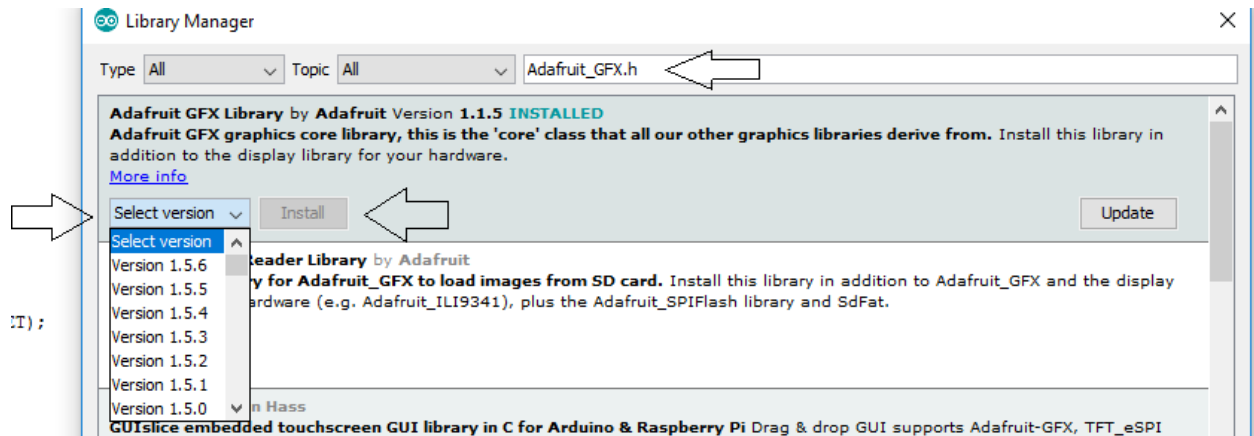
Once downloaded unzip in Arduino library into the folder (document->Arduino-> library)

The code will be to big for the Arduino so we will need first to downgrade both library:

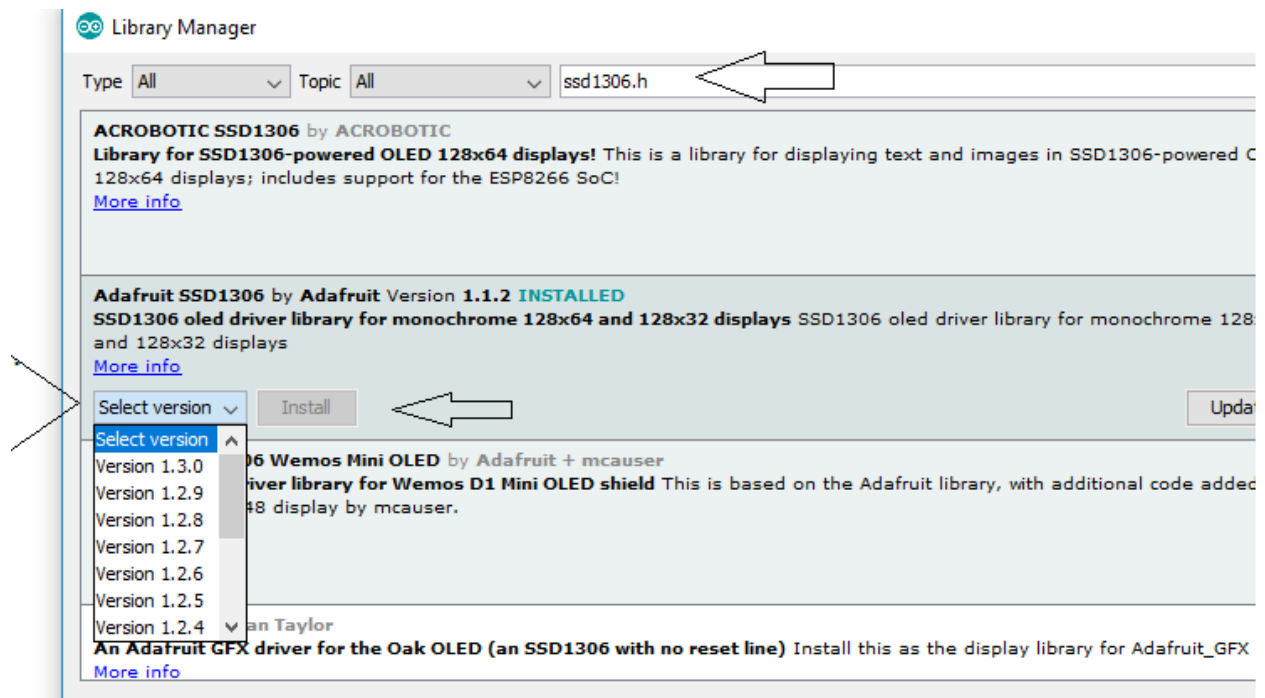
-In Arduino go to Sketch -> include library -> Manage library



Search for library and select the version 1.1.5 for Adafruit_GFX.h

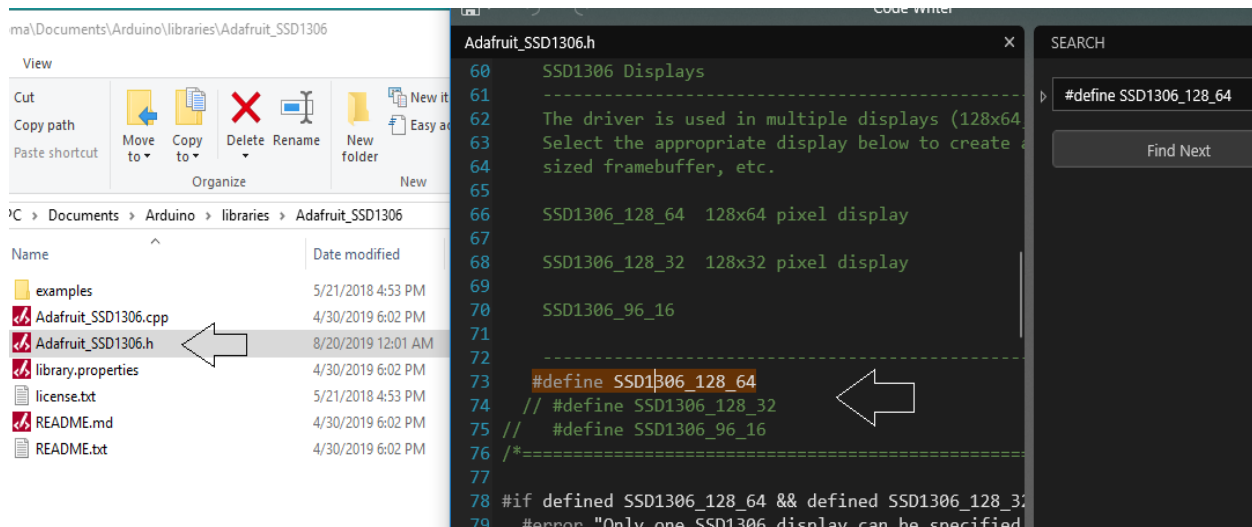


Search for library and select the version 1.2.2 for Adafruit_SSD1306.h



Last step is to modify the library Adafruit_SSD1306 in order to fit the entire screen :

Go document -> Arduino -> library -> Adafruit_SSD1306 -> Adafruit_SSD1306.h



Should now looks like this :

```
#define SSD1306_128_64
//#define SSD1306_128_32
//#define SSD1306_96_16
```

Instead of :

```
//#define SSD1306_128_64
#define SSD1306_128_32
//#define SSD1306_96_16
```

Finally you can upload the code :

<https://alozszakob.github.io/Tamaguino/>

Or another version with a save button :

<https://www.diyelectronics.co.za/wiki/#Arduino/Projects/Tamaguino/Tamaguino/>