



WORKSHOP

 ESP8266 f



- Arduino
- DOC
- Drivers
- Examples
- Librerias

Linux x64

python

Tools

Win x64

Arduino-master.zip

enquisa.txt

instalacion.odp

presenta.odp



ARDUINO + CORE PRECOMPILADO
sudo adduser \$USER dialout


ARDUINO + CORE PRECOMPILADO

DRIVERS USB-TTL CH341


WORKSHOP > Drivers

Nombre ^

 CH341 WIN

 CH341SER.ZIP

 CH341SER_LINUX.ZIP

 CH341SER_MAC.ZIP

▼  Puertos (COM y LPT)

 USB-SERIAL CH340 (COM3)

INSTALACION

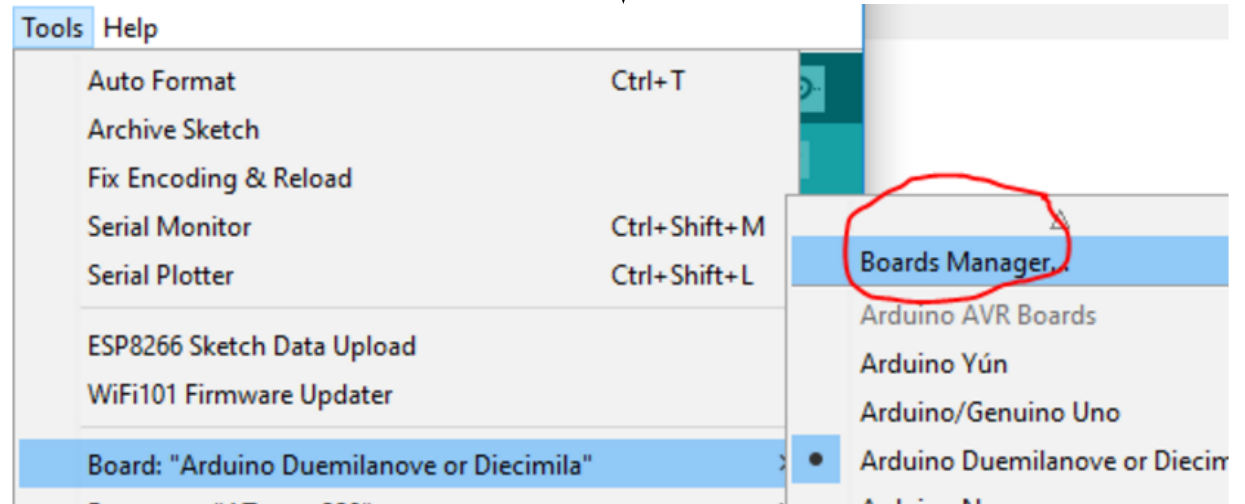
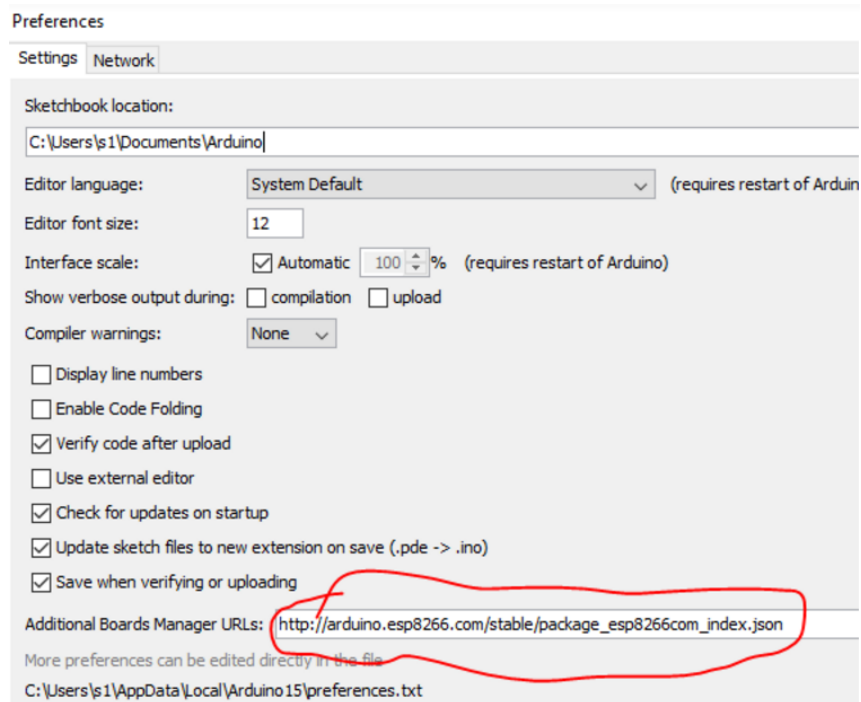


ESP8266

ONLINE

ARDUINO CORE ESP8266

Arduino → Preferences http://arduino.esp8266.com/stable/package_esp8266com_index.json



Boards Manager

Type

esp8266 by **ESP8266 Community** version **2.3.0** **INSTALLED**

Boards included in this package:

Generic ESP8266 Module, Olimex MOD-WIFI-ESP8266(-DEV), NodeMCU
Adafruit HUZZAH ESP8266 (ESP-12), ESPresso Lite 1.0, ESPresso Lite 2.
ESP-210, WeMos D1, WeMos D1 mini, ESPino (ESP-12 Module), ESPino

[Online help](#)

[More info](#)

Lo instala de forms local para cad usuario en:

C:\Users\s1\AppData\Local\Arduino\packages\
→ \esp8266\hardware\esp8266\2.3.0\libraries

INSTALACION



OFFLINE

<https://github.com/esp8266/Arduino.git>

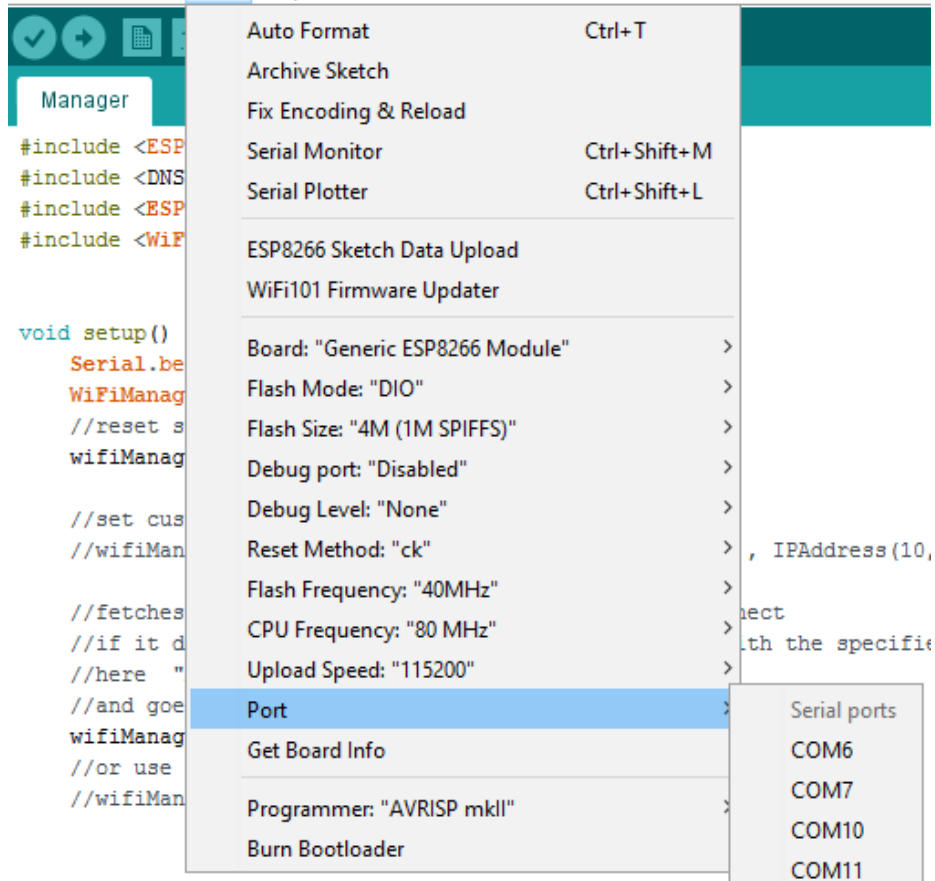
- Go to Arduino directory
- `cd hardware`
- `mkdir esp8266com`
- `cd esp8266com`
- `git clone https://github.com/esp8266/Arduino.git esp8266`
- Download binary tools (you need Python 2.7)
- `cd esp8266/tools`
- `python get.py`
- `ImportError: No module named requests`
- `C:\Program Files (x86)\Arduino\hardware\espressif\esp32\tools> c:\Python27\Scripts\easy_install -U requests`
- `python get.py`
- Restart Arduino

```
Arduino
|
--- hardware
    |
    --- esp8266com
        |
        --- esp8266
            |
            --- bootloaders
            --- cores
            --- doc
            --- libraries
            --- package
            --- tests
            --- tools
            --- variants
            --- platform.txt
            --- programmers.txt
```


FLASH

Manager | Arduino 1.8.2

File Edit Sketch Tools Help



Dejar pulsados
RESET + FLASH

Cuando compile (Blanco)
SOLTAR RESET
DEJAR FLASH PULSADO 5sec

```
Archiving built core (caching) in: C:\Users\s1\AppData\Local\Temp\arduino_cache_208068\core\core_esp8266com_esp8266_generic
Sketch uses 332414 bytes (31%) of program storage space. Maximum is 1044464 bytes.
Global variables use 37712 bytes (46%) of dynamic memory, leaving 44208 bytes for local variables. Maximum is 81920 bytes.
Uploading 336560 bytes from C:\Users\s1\AppData\Local\Temp\arduino_build_123903/Manager.ino.bin to flash at 0x00000000
..... [ 24% ]
.....
```