

ESP Prog v1.0 usage

Using with Arduino IDE

1. Install CH340C Driver

Download the driver here: http://www.wch.cn/downloads/CH341SER_ZIP.html

2. Plug the ESP-01 / 01S to the ESP Prog.



3. Install the Arduino IDE 1.6.8 or greater

[Download Arduino IDE from Arduino.cc \(1.6.8 or greater\)](#) from

Arduino.cc

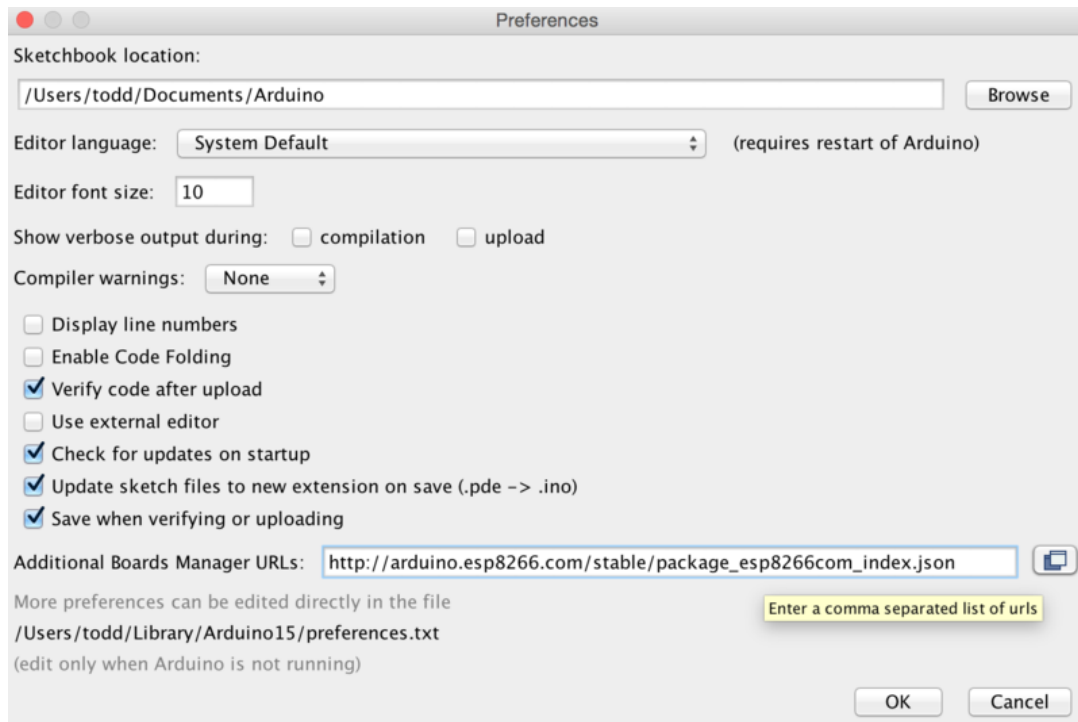
The latest is usually the best

4. Install the ESP8266 Board Package

Enter http://arduino.esp8266.com/stable/package_esp8266com_index.js

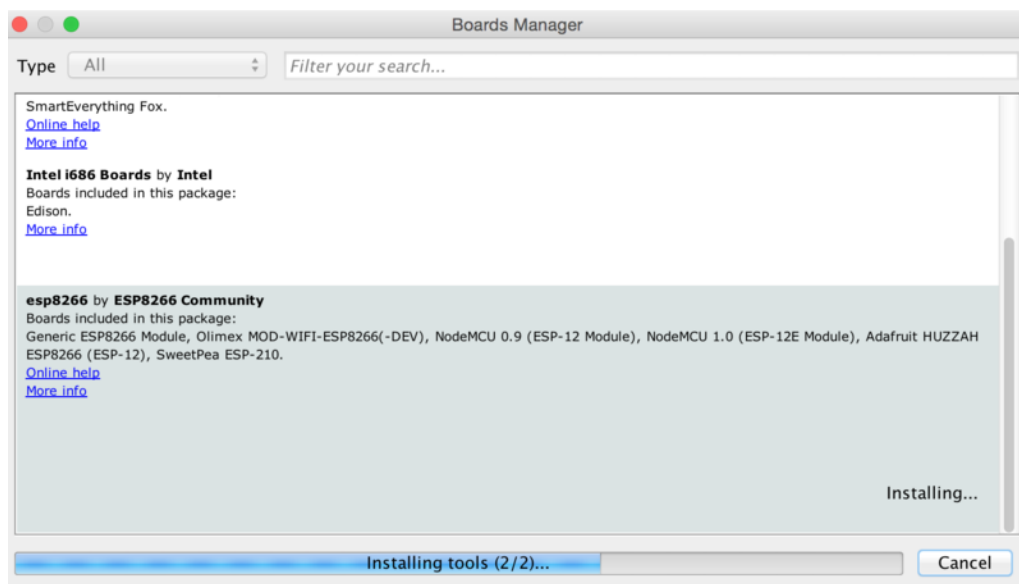
into *Additional Board Manager URLs* field in the Arduino v1.6.4+

preferences.



Visit our [guide](#) for how to add new boards to the **Arduino 1.6.4+ IDE** for more info about adding third party boards.

Next, use the **Board manager** to install the ESP8266 package.



After the install process, you should see that esp8266 package is marked **INSTALLED**. Close the Boards Manager window once the install process has completed.

esp8266 by ESP8266 Community version 2.3.0 INSTALLED

Boards included in this package:

Generic ESP8266 Module, Olimex MOD-WIFI-ESP8266(-DEV), NodeMCU 0.9 (ESP-12 Module), NodeMCU 1.0 (ESP-12E Mod), ESP8266 (ESP-12), ESPresso Lite 1.0, ESPresso Lite 2.0, Phoenix 1.0, Phoenix 2.0, SparkFun Thing, SweetPea ESP-210, W mini, ESPino (ESP-12 Module), ESPino (WROOM-02 Module), WifInfo, ESPDuino.

[Online help](#)

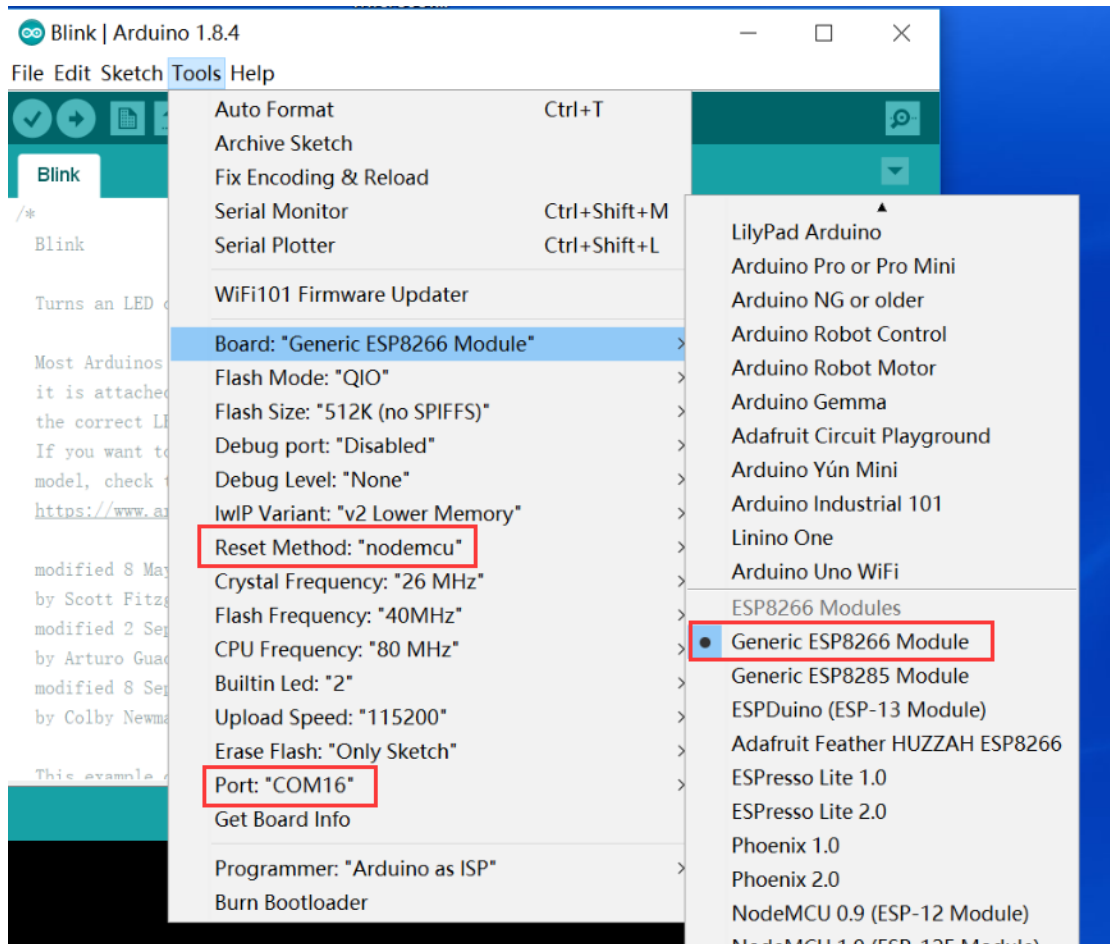
[More info](#)

5. Setup ESP8266 Support

When you've restarted, select **Generic ESP8266 Module** from the

Tools->Board dropdown

The matching COM port for your ESP-LINK



6. Blink Test

```
void setup() {
```

```
pinMode(0, OUTPUT);  
}
```

```
void loop() {  
    digitalWrite(0, HIGH);  
    delay(500);  
    digitalWrite(0, LOW);  
    delay(500);  
}
```

Blink | Arduino 1.8.4

File Edit Sketch Tools Help

Blink §

by COLBY NEWMAN

This example code is in the public domain.

<http://www.arduino.cc/en/Tutorial/Blink>

```
*/  
  
// the setup function runs once when you press reset or power the board  
void setup() {  
  // initialize digital pin LED_BUILTIN as an output.  
  pinMode(0, OUTPUT);  
}  
  
// the loop function runs over and over again forever  
void loop() {  
  digitalWrite(0, HIGH); // turn the LED on (HIGH is the voltage level)  
  delay(1000);           // wait for a second  
  digitalWrite(0, LOW); // turn the LED off by making the voltage LOW  
  delay(1000);          // wait for a second  
}
```

Done uploading.

..... [32%]
..... [65%]
..... [97%]
..... [100%]

H35nodemcu, 26 MHz, 40MHz, QIO, 512K (no SPIFFS), 2, v2 Lower Memory, Disabled, None, Only Sketch, 115200 on COM16