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

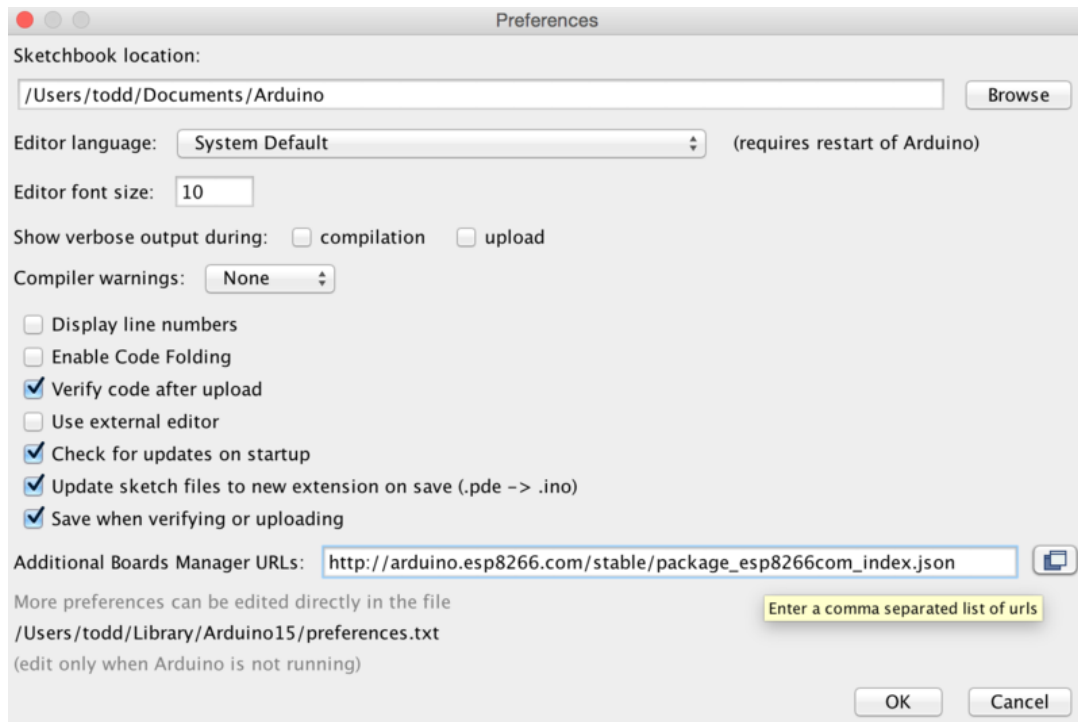Download Arduino IDE from Arduino.cc (1.6.8 or greater) from

Arduino.cc

The latest is usually the best

4. Install the ESP8266 Board Package

Enter `http://arduino.esp8266.com/stable/package_esp8266com_index.json`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.
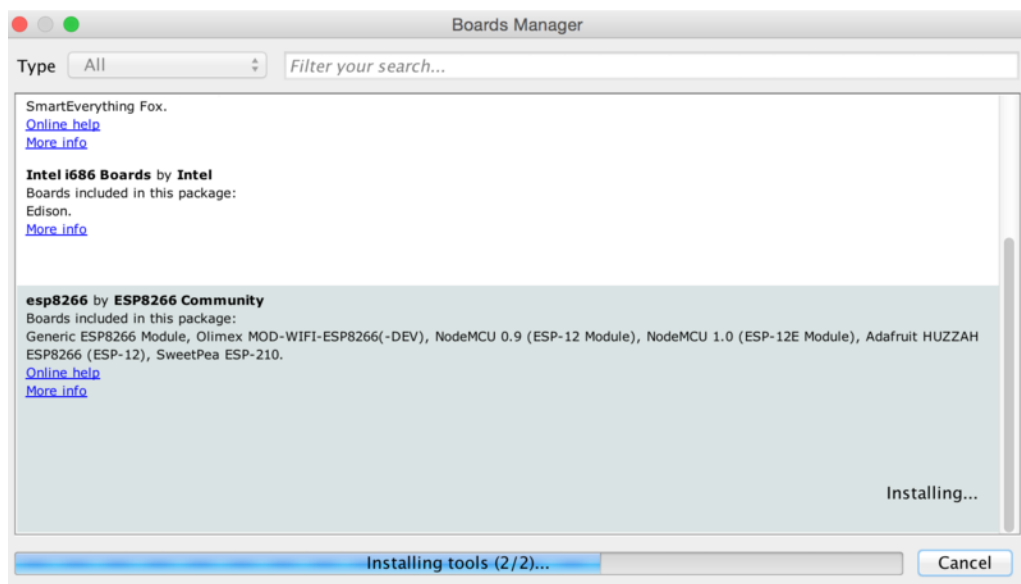
After the install process, you should see that esp8266 package is marked INSTALLED. Close the Boards Manager window once the install process has completed.

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 Modu
ESP8266 (ESP-12), ESPresso Lite 1.0, ESPresso Lite 2.0, Phoenix 1.0, Phoenix 2.0, SparkFun Thing, SweetPea ESP-210, W
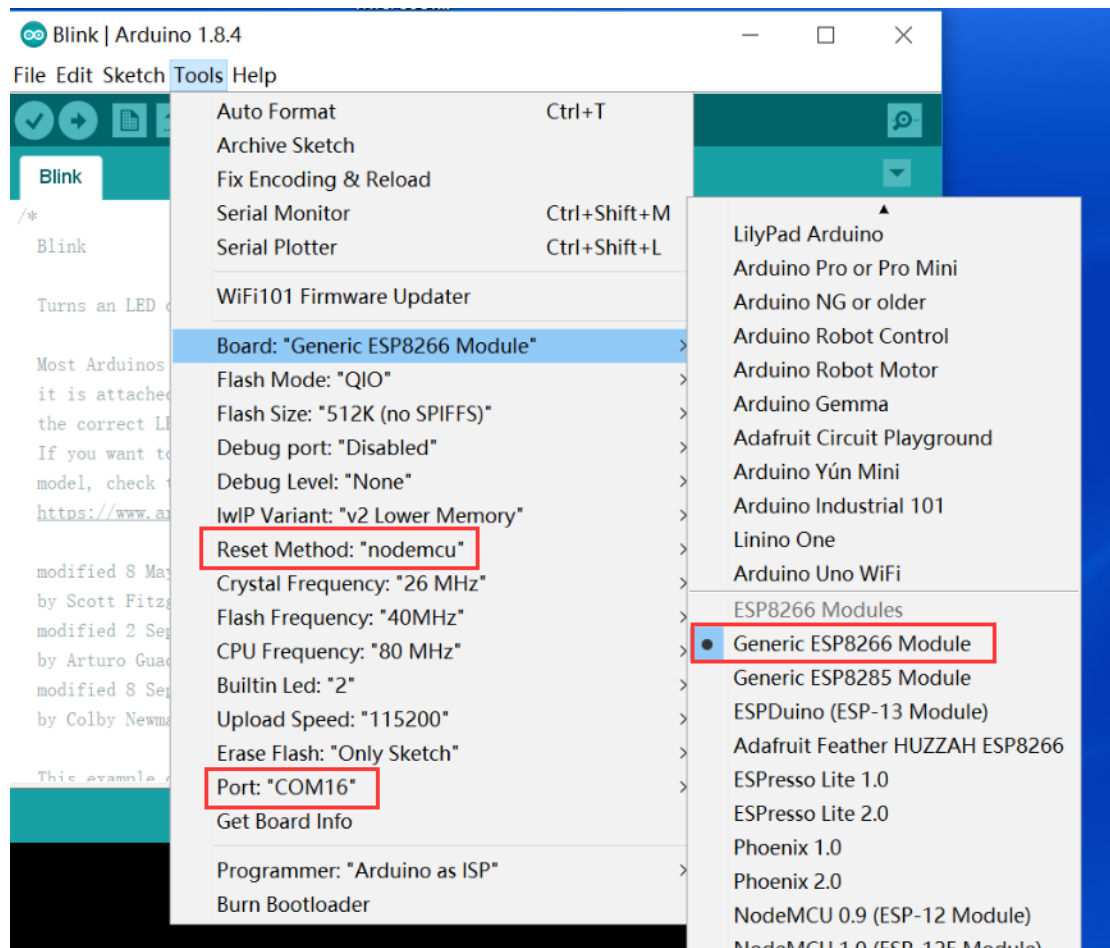mini, ESPino (ESP-12 Module), ESPino (WROOM-02 Module), WifInfo, ESPDuino.
Online help
More info

5.Setup ESP8266 Support

When you've restarted, select **Genric 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