

ESP Prog v1.0 usage

Using with Arduino IDE

1. Install CH340C Driver

See the file

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

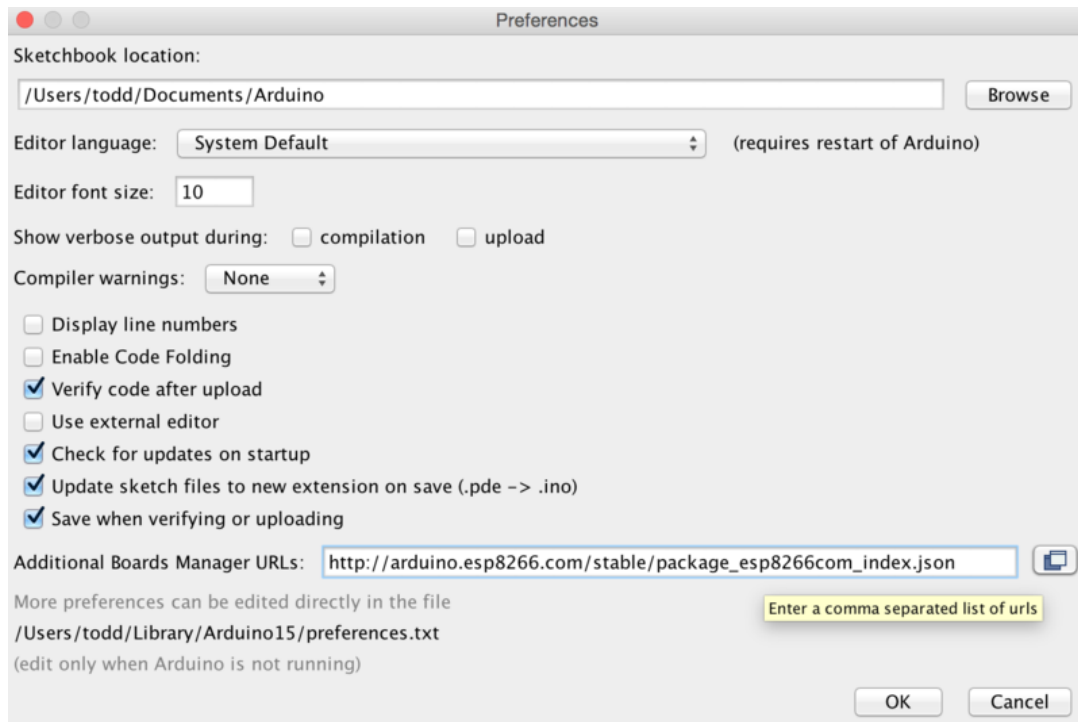
Arduino.cc

The latest is usually the best

4. Install the ESP8266 Board Package

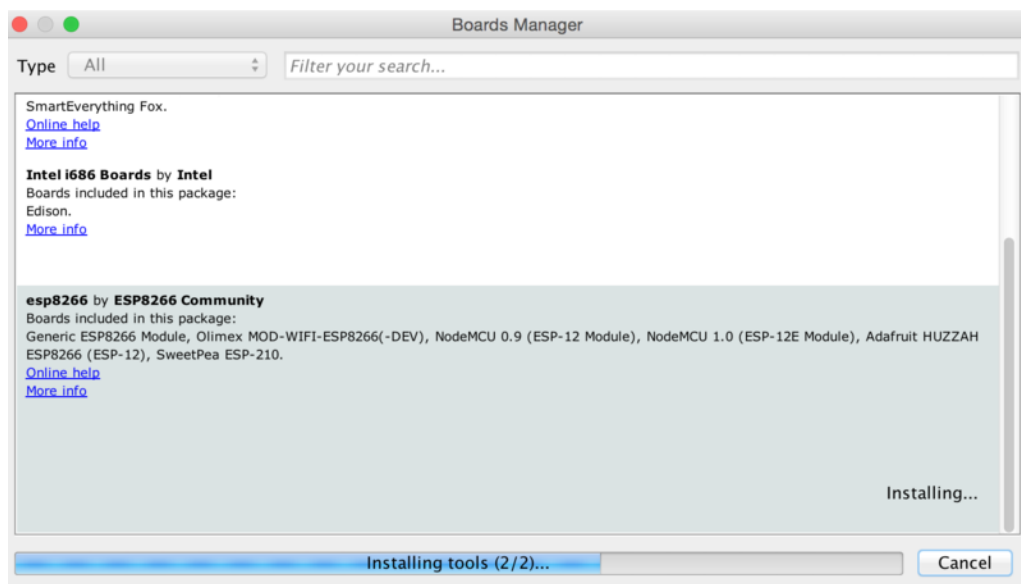
Enter http://arduino.esp8266.com/stable/package_esp8266com_index.js

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 Module), 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](#)

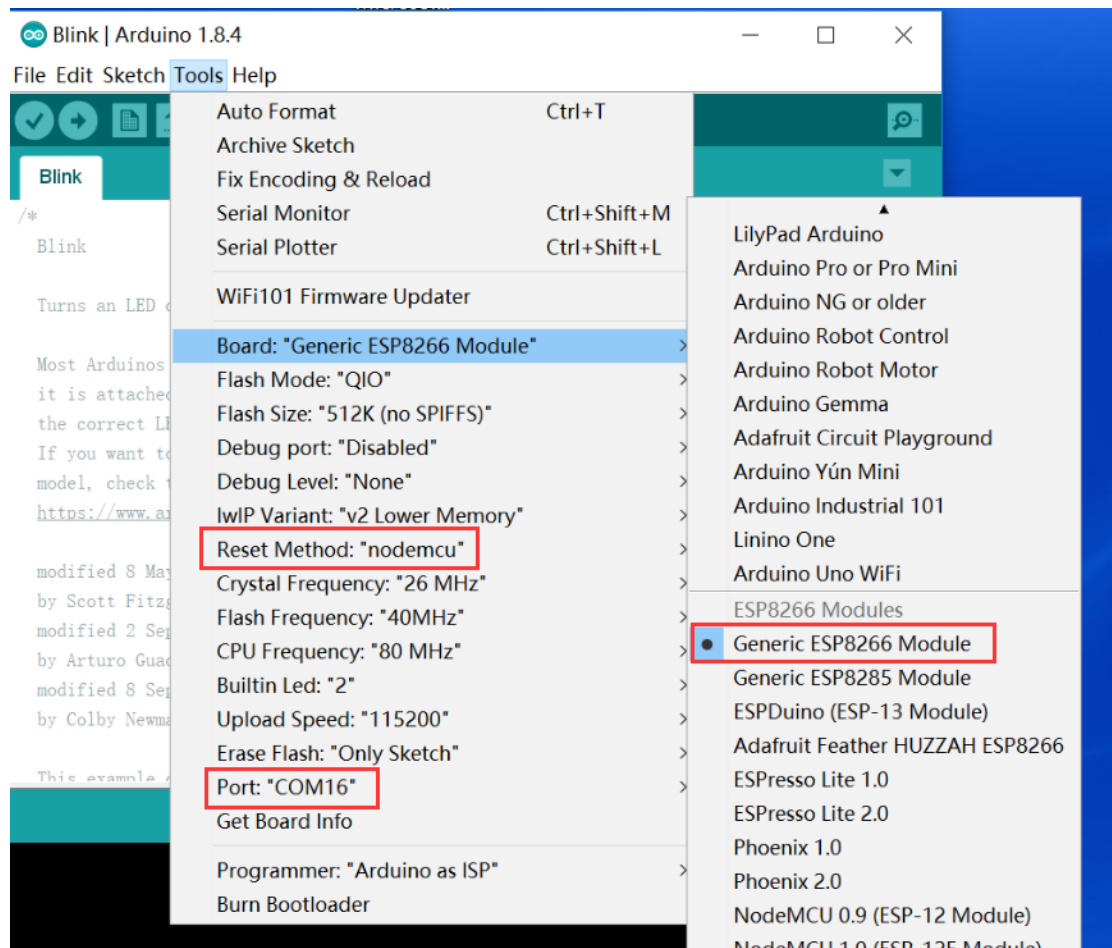
[More info](#)

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

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File

Edit

Sketch

Tools

Help

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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