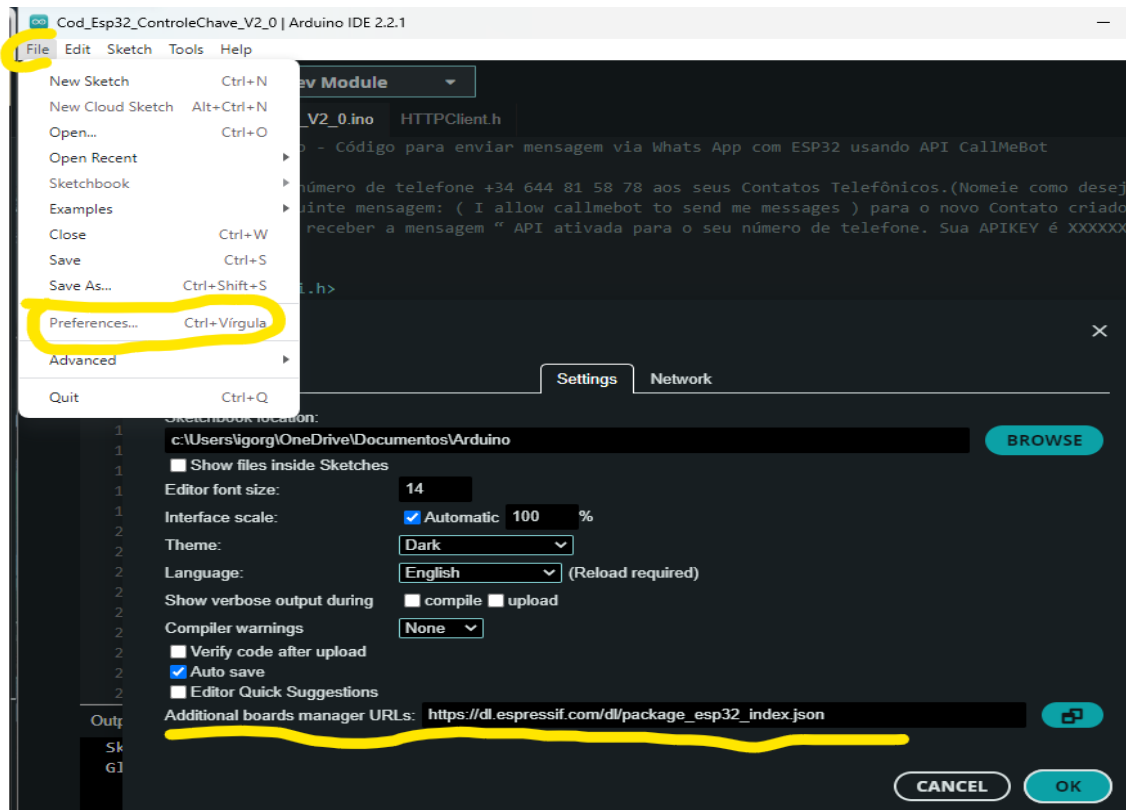
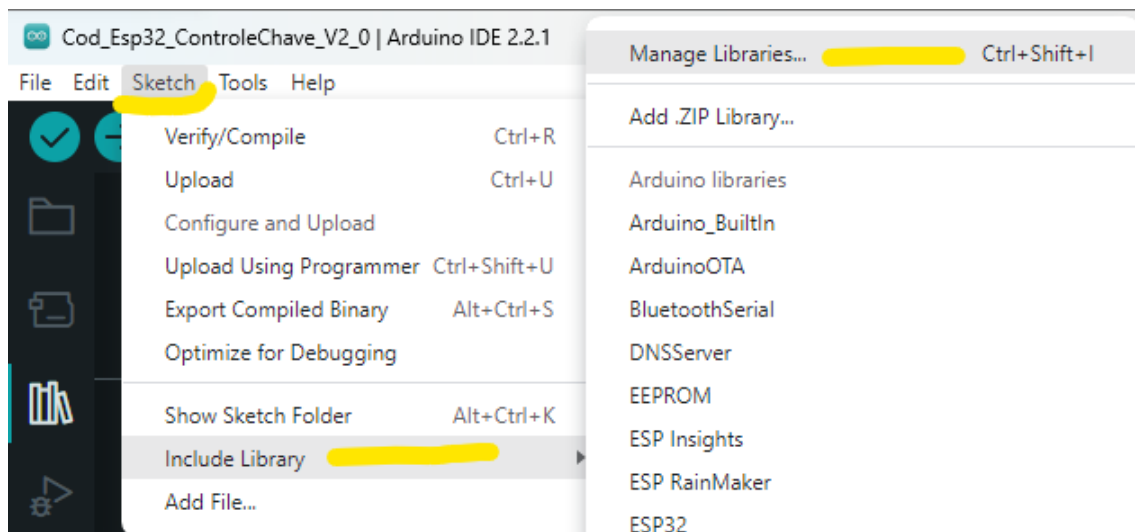


Preparação do ambiente de programação para enviar dados ao ESP32!

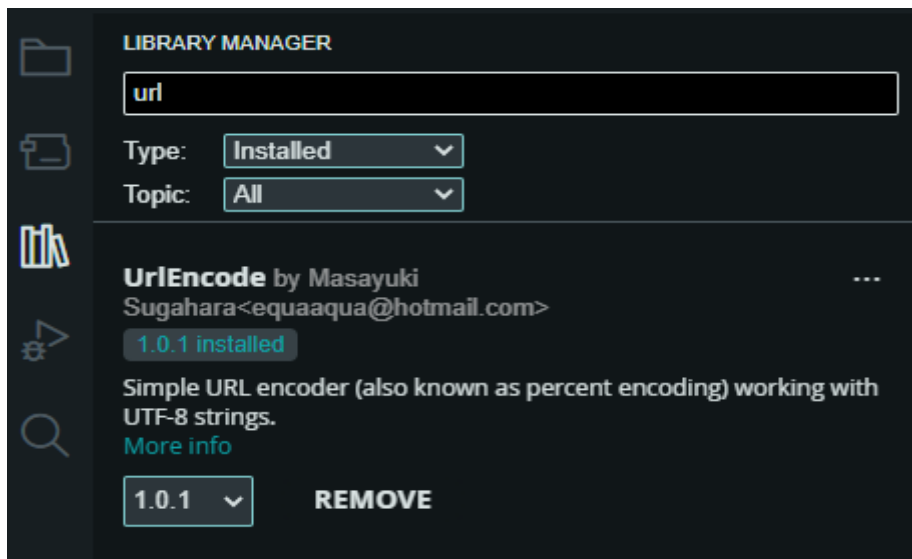
1\_ Abra arquivo e vá em preferencias, em seguida cole a URL para o compilador acessar o endereço e fazer os downloads necessários.



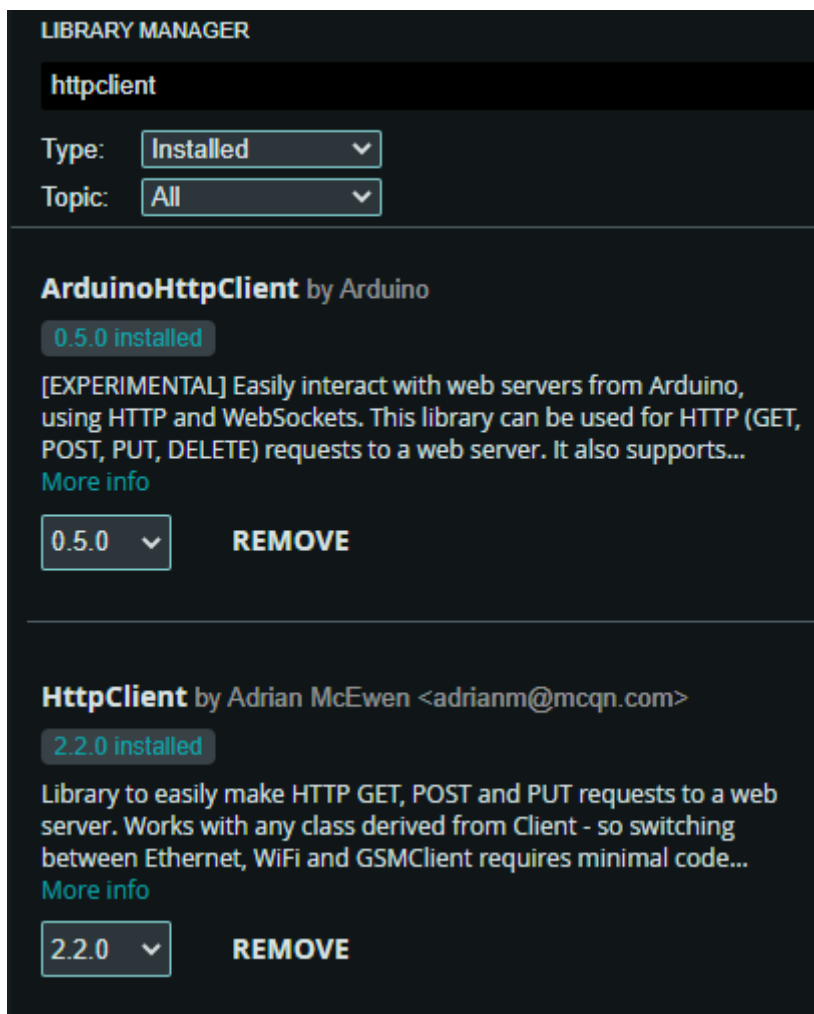
2\_ Agora acesse sua área da biblioteca.



3\_ Baixe UriEncode – essa biblioteca serve para manipular dados da sequencia CHARACTER



4\_ Instale a biblioteca HttpClient – Essa biblioteca serve para comunicação como servidor utilizando o protocolo http



5\_ Instale a Biblioteca Wifi - permite a configuração da rede do seu módulo wifi

**wifi**

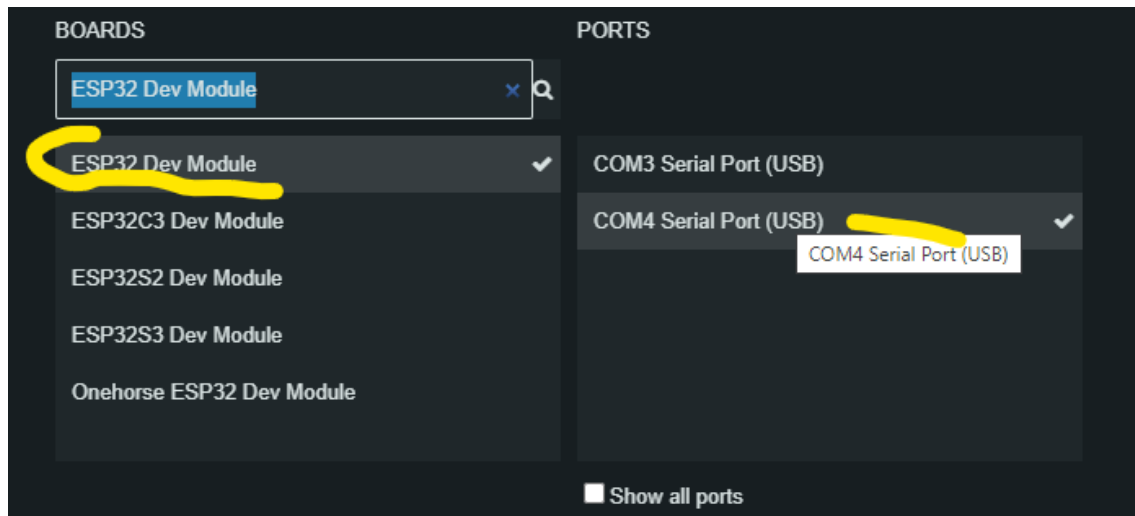
Type: **Installed** ▼  
Topic: **All** ▼

**Arduino Uno WiFi Dev Ed Library** by Arduino  
0.0.3 installed  
This library allows users to use network features like rest and mqtt. Includes some tools for the ESP8266. Use this library only with Arduino Uno WiFi Developer Edition.  
[More info](#)  
0.0.3 ▼ **REMOVE**

**HttpClient** by Adrian McEwen <adrianm@mcqn.com>  
2.2.0 installed  
Library to easily make HTTP GET, POST and PUT requests to a web server. Works with any class derived from Client - so switching between Ethernet, WiFi and GSMClient requires minimal code...  
[More info](#)  
2.2.0 ▼ **REMOVE**

**WiFi** by Arduino ...  
1.2.7 installed  
Enables network connection (local and Internet) using the Arduino WiFi shield. With this library you can instantiate Servers, Clients and send/receive UDP packets through WiFi. The shield can connect...  
[More info](#)  
1.2.7 ▼ **REMOVE**

6\_ Verifique em qual porta seu ESP32 está e escolha a BOARD "ESP32 Dev Module"



7\_ Compile o código e envia para o ESP32, quando terminar pressione o botão Enable, a mensagem abaixo deve aparecer indicando que o wifi foi conectado.

```
13 //===== EDITAR APENAS ESTES CAMPOS COM
14 const char* ssid = "XXXXXX";
15 const char* password = "XXXXXX";
16
17 /*O número de telefone deve estar em formato internacional
18 String phoneNumber = "+553112345678";
19 String apiKey = "SUA_CHAVE_API_RECEBIDA";
20
21 //=====
```

Output Serial Monitor x

Message (Enter to send message to 'ESP32 Dev Module' on 'COM4')

```
02:24:30.314 -> ets Jul 29 2019 12:21:46
02:24:30.314 ->
02:24:30.314 -> rst:0x1 (POWERON_RESET),boot:0x13 (SPI_FAST_FLASH
02:24:30.358 -> configsip: 0, SPIWP:0xee
02:24:30.358 -> clk_drv:0x00,q_drv:0x00,d_drv:0x00,cs0_drv:0x00,h
02:24:30.358 -> mode:DIO, clock div:1
02:24:30.358 -> load:0x3fff0030,len:1344
02:24:30.358 -> load:0x40078000,len:13964
02:24:30.358 -> load:0x40080400,len:3600
02:24:30.358 -> entry 0x400805f0
02:24:30.828 -> Conectando
02:24:31.325 -> .....
02:24:33.836 -> Conectado ao Wifi com o Endereço IP: 10.0.0.107
```