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| Main.cpp | Position.h | Position.cpp |
| #include <Arduino.h>  #include <SoftwareSerial.h>  #include <WiFi.h>  #include <TinyGPS++.h>  #include <Position.h>  #include <Arduino.h>  static const int RXPin = 4, TXPin = 2;  void setup() {  SerialBT.begin("ESP32\_Kevin"); //Nom de l'ESP  }  void loop()  {  position.Position\_GPS();  Serial.println("Position GPS:");  delay(2000);} | #ifndef Position\_h  #define Position\_h  #include <Arduino.h>  class Position  {  private:  int pinGPS;  Position(int pin);  void WIFI;  void Position\_GPS;  };  #endif | #include "Position.h"  #include <SoftwareSerial.h>  #include <WiFi.h>  #include <TinyGPS++.h>  Position::Position(int pin)  { const char\* ssid = "Livebox-5520";  const char\* password = "53FCFF3DA2A25C6FAFC73FF355";  static const uint32\_t GPSBaud = 9600;  }  void Position::WIFI() {  Serial.begin(115200);  // Connect to Wi-Fi network with SSID and password  Serial.print("Connecting to ");  Serial.println(ssid);  WiFi.begin(ssid, password);  while (WiFi.status() != WL\_CONNECTED) {  delay(500);  Serial.print(".");  }  // Print local IP address and start web server  Serial.println("");  Serial.println("WiFi connected.");  Serial.println("IP address: ");  Serial.println(WiFi.localIP());  {  Serial.begin(115200);  ss.begin(GPSBaud);  }  void Position::Position\_GPS() {  {  while (ss.available() > 0){  gps.encode(ss.read());  if (gps.location.isUpdated()){  Serial.print("Latitude= ");  Serial.print(gps.location.lat(), 6);  Serial.print(" Longitude= ");  Serial.println(gps.location.lng(), 6);  delay(2000);  };  } |
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