

Preferences

Settings Network

Sketchbook location:
E:\Documents\ESP8266 Browse

Editor language: System Default (requires restart of Arduino)

Editor font size: 12

Interface scale: Automatic 100% (requires restart of Arduino)

Theme: Default theme (requires restart of Arduino)

Show verbose output during: compilation upload

Compiler warnings: None

Display line numbers Enable Code Folding

Verify code after upload Use external editor

Check for updates on startup Save when verifying or uploading

Use accessibility features

Additional Boards Manager URLs: 📄

More preferences can be edited directly in the file
C:\Users\MarkAndKaren\AppData\Local\Arduino15\preferences.txt
(edit only when Arduino is not running)

OK Cancel

Additional Boards Manager URLs

Enter additional URLs, one for each row

```
https://dl.espressif.com/dl/package_esp32_index.json
http://arduino.esp8266.com/stable/package_esp8266com_index.json
```

Click for a list of unofficial boards support URLs

OK Cancel

File Edit Sketch Tools Help

The screenshot shows the Arduino IDE interface with the Tools menu open. The 'Board: "Generic ESP8266 Module"' option is selected and highlighted in blue. A mouse cursor is pointing at this option. To the right, the 'Boards Manager...' sub-menu is open, showing a list of board categories: 'Arduino AVR Boards', 'ESP32 Arduino', and 'ESP8266 Boards (2.7.3)'. The main menu items include 'Auto Format (Ctrl+T)', 'Archive Sketch', 'Fix Encoding & Reload', 'Manage Libraries... (Ctrl+Shift+I)', 'Serial Monitor (Ctrl+Shift+M)', 'Serial Plotter (Ctrl+Shift+L)', 'ESP32 Sketch Data Upload', 'ESP8266 Sketch Data Upload', 'WiFi101 / WiFinINA Firmware Updater', 'Board: "Generic ESP8266 Module"', 'Builtin Led: "2"', 'Upload Speed: "115200"', 'CPU Frequency: "160 MHz"', 'Crystal Frequency: "26 MHz"', 'Flash Size: "1MB (FS:64KB OTA:~470KB)"', 'Flash Mode: "QIO (fast)"', 'Flash Frequency: "40MHz"', 'Reset Method: "dtr (aka nodemcu)"', 'Debug port: "Disabled"', 'Debug Level: "None"', 'lwIP Variant: "v2 Lower Memory"', 'VTables: "Flash"', 'Exceptions: "Disabled (new can abort)"', 'Erase Flash: "All Flash Contents"', 'Espressif FW: "nonos-sdk 2.2.1 (legacy)"', 'SSL Support: "All SSL ciphers (most compatible)"', 'Port', 'Get Board Info', 'Programmer', and 'Burn Bootloader'. The status bar at the bottom displays the selected board configuration: '1 Generic ESP8266 Module, 160 MHz, Flash, Disabled (new can abort), All SSL ciphers (most compa'.

File Edit Sketch Tools Help

The screenshot shows the Arduino IDE interface with the Tools menu open. The menu items are as follows:

- Auto Format (Ctrl+T)
- Archive Sketch
- Fix Encoding & Reload
- Manage Libraries... (Ctrl+Shift+I)
- Serial Monitor (Ctrl+Shift+M)
- Serial Plotter (Ctrl+Shift+L)
- ESP32 Sketch Data Upload
- ESP8266 Sketch Data Upload
- WiFi101 / WiFININA Firmware Updater
- Board: "Generic ESP8266 Module" >
- Builtin Led: "2" >
- Upload Speed: "115200" >
- CPU Frequency: "160 MHz" >
- Crystal Frequency: "26 MHz" >
- Flash Size: "1MB (FS:64KB OTA:~470KB)" >
- Flash Mode: "QIO (fast)" >
- Flash Frequency: "40MHz" >
- Reset Method: "dtr (aka nodemcu)" >
- Debug port: "Disabled" >
- Debug Level: "None" >
- lwIP Variant: "v2 Lower Memory" >
- VTables: "Flash" >
- Exceptions: "Disabled (new can abort)" >
- Erase Flash: "All Flash Contents" >
- Espressif FW: "nonos-sdk 2.2.1 (legacy)" >
- SSL Support: "All SSL ciphers (most compatible)" >
- Port >
- Get Board Info
- Programmer >
- Burn Bootloader

Compilation Errors

Arduino: 1.8.13 (Windows 10), Board: "Generic ESP8266 Module, 160 MHz, Flash, Disabled (new can abort), All SSL ciphers (most compatible), dtr (aka nodemcu), 26 MHz, 40MHz, QIO (fast), 1MB (FS:64KB OTA:~470KB), 2, nonos-sdk 2.2.1 (legacy), v2 Lower Memory, Disabled, None, All Flash Contents, 115200"

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from E:\Documents\ESP8266\WifiTimeProviderESP8266\WifiTimeProviderESP8266.ino:45:

ClockDefs.h:33:16: error: #include nested too deeply

```
#include <FS.h>
```

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```

ClockDefs.h:34:23: error: #include nested too deeply

```
#include <DNSServer.h>
```

```
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```

ClockDefs.h:35:25: error: #include nested too deeply

```
#include <ESP8266WiFi.h>
```

```
^
```

ClockDefs.h:36:30: error: #include nested too deeply

```
#include <ESP8266WebServer.h>
```

```
^
```

ClockDefs.h:37:31: error: #include nested too deeply

```
#include <ESP8266HTTPClient.h>
```

^

ClockDefs.h:38:18: error: #include nested too deeply

```
#include <Wire.h>
```

^

ClockDefs.h:41:84: error: #include nested too deeply

```
#include <WiFiManager.h> // https://github.com/tzapu/WiFiManager (0.15.0)
```

^

ClockDefs.h:42:87: error: #include nested too deeply

```
#include <ArduinoJson.h> // https://github.com/bblanchon/ArduinoJson (5.13.2)
```

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from E:\Documents\ESP8266\WifiTimeProviderESP8266\WifiTimeProviderESP8266.ino:45:

ClockDefs.h:43:142: error: #include nested too deeply

```
#include <TimeLib.h> // http://playground.arduino.cc/code/time (Margolis 1.5.0) //  
https://github.com/michaelmargolis/arduino_time
```

^

ClockDefs.h:45:23: error: #include nested too deeply

```
#include "ClockDefs.h"
```

^

ClockDefs.h:46:21: error: #include nested too deeply

```
#include "I2CDefs.h"
```

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ClockDefs.h:47:22: error: #include nested too deeply

```
#include "NtpAsync.h"
```

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ClockDefs.h:48:24: error: #include nested too deeply

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#include "HtmlServer.h"
```

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ClockDefs.h:49:20: error: #include nested too deeply

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#include "SPIFFS.h"
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from E:\Documents\ESP8266\WifiTimeProviderESP8266\WifiTimeProviderESP8266.ino:45:

NtpAsync.h:4:18: error: #include nested too deeply

```
#include <memory>
```

^

NtpAsync.h:5:21: error: #include nested too deeply

```
#include <Arduino.h>
```

^

NtpAsync.h:6:90: error: #include nested too deeply

```
#include <ESPAsyncUDP.h> // https://github.com/me-no-dev/ESPAsyncUDP (master HEAD)
```

^

NtpAsync.h:7:25: error: #include nested too deeply

```
#include <ESP8266WiFi.h>
```

^

NtpAsync.h:8:101: error: #include nested too deeply

```
#include <DNSServer.h> //https://github.com/esp8266/Arduino/tree/master/libraries/DNSServer
```

^

In file included from sketch\ClockDefs.h:48:0,

from sketch\ClockDefs.h:45,

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from E:\Documents\ESP8266\WifiTimeProviderESP8266\WifiTimeProviderESP8266.ino:45:

HtmlServer.h:4:30: error: #include nested too deeply

```
#include <ESP8266WebServer.h>
```

^

HtmlServer.h:5:37: error: #include nested too deeply

```
#include <ESP8266HTTPUpdateServer.h>
```

^

HtmlServer.h:6:25: error: #include nested too deeply

```
#include <ESP8266mDNS.h>
```

^

HtmlServer.h:7:24: error: #include nested too deeply

```
#include "ClockUtils.h"
```

^

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from E:\Documents\ESP8266\WifiTimeProviderESP8266\WifiTimeProviderESP8266.ino:45:

SPIFFS.h:4:16: error: #include nested too deeply

```
#include <FS.h>
```

^

SPIFFS.h:5:95: error: #include nested too deeply

```
#include <ArduinoJson.h> // https://github.com/bblanchon/ArduinoJson (bblanchon 5.13.2)
```

^

exit status 1

#include nested too deeply

This report would have more information with

"Show verbose output during compilation"

option enabled in File -> Preferences.