

# Compilation sans erreur du programme suivant sur un module ESP8266 de Ai Thinker dans l'Ide Arduino avec le SDK ESP8266

Ce tutoriel permet de verifier la compilation du programme sur l'IDE Arduino

## 1. Installer l'environnement esp8266 sur arduino

<https://github.com/esp8266/Arduino>

variants	Fix NUM_ANALOG_INPUTS for Amperka WiFi slot (#5219)	3 days ago
.gitignore	Add valgrind and string tests to host_tests (#4939)	3 months ago
.gitmodules	Add a build directory for libbearsr.la (#4736)	5 months ago
.travis.yml	Add full debug builds for all tests (#5146)	21 days ago
ISSUE_TEMPLATE.md	Update ISSUE_TEMPLATE.md (#4474)	7 months ago
LICENSE	add missing LICENSE file (GNU Library Public License, version 2)	3 years ago
POLICY.md	Update POLICY.md	11 months ago
README.md	Fix Readme Link (#5215)	6 days ago
boards.txt	update to hwP-2.1.0: partial SACK support by default (de-selectable ...)	3 days ago
keywords.txt	Minimal file with a few ESP8266-specific keywords - github issue #3701	a year ago
package.json	bump version number	9 months ago
platform.txt	Move ICACHE_* to unique sections, local LD script (#5150)	21 days ago
programmers.txt	remove the need to set programmer, by setting upload tool	4 years ago

README.md

Selon les instructions dans le manuel

### Contents

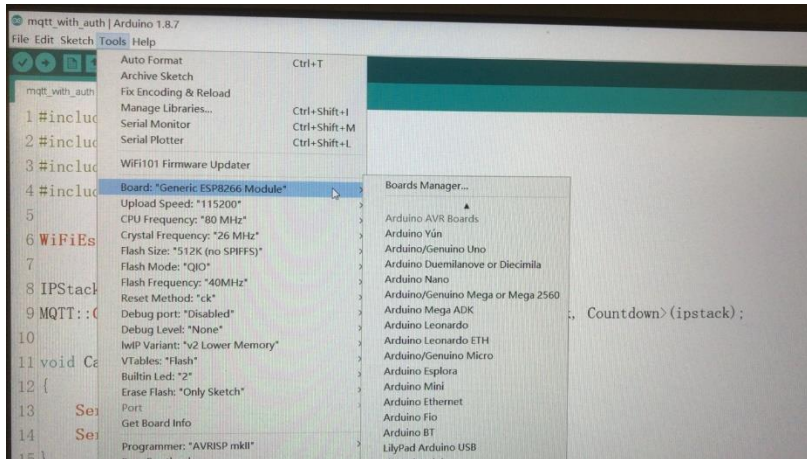
- Installing options:
  - Using Boards Manager
  - Using git version
  - Using PlatformIO
  - Building with make
- Documentation
- Issues and support
- Contributing
- License and credits

#### Installing with Boards Manager

Starting with 1.6.4, Arduino allows installation of third-party platform packages using Boards Manager. We have packages available for Windows, Mac OS, and Linux (32 and 64 bit).

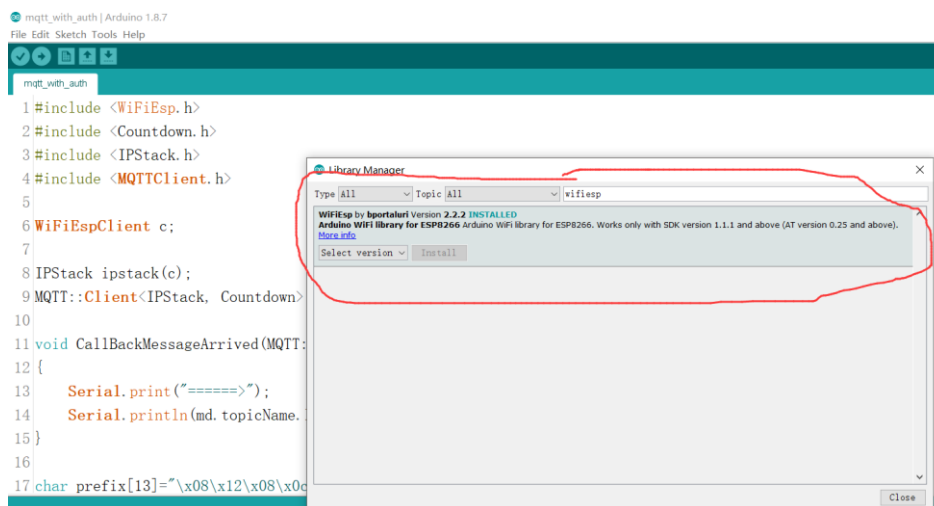
- Install the current upstream Arduino IDE at the 1.8 level or later. The current version is at the [Arduino website](#).
- Start Arduino and open Preferences window.
- Enter `http://arduino.esp8266.com/stable/package_esp8266com_index.json` into *Additional Board Manager URLs* field. You can add multiple URLs, separating them with commas.
- Open Boards Manager from Tools > Board menu and install *esp8266* platform (and don't forget to select your ESP8266 board from Tools > Board menu after installation).

Après l'installation, sélectionnez le module générique ESP8266.



## 2. Bibliothèque d'installation

### 2.1 WiFiEsp.h

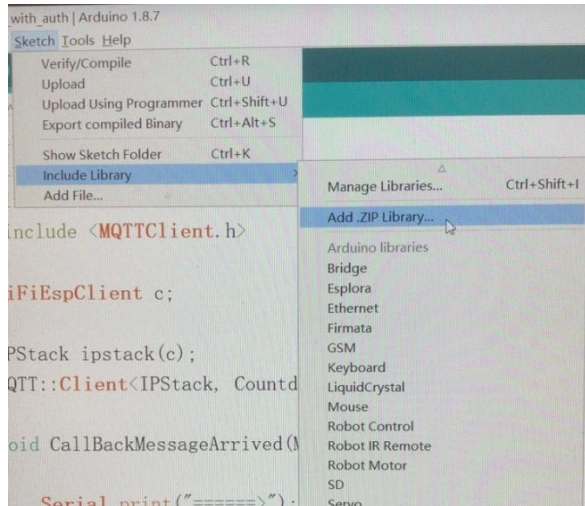


### 2.2 MQTTClient.h, Countdown.h, IPStack.h

<https://github.com/knolleary/pubsubclient/releases/tag/v2.6>



Ajouter ce code sur le projet.



### 3. Commencer à compiler

