How to install the ESP8266 Arduino core?

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.

<u>oo</u> s	ketch_may24a	Arduino 1.6.11	
File	Edit Sketch T	ools Help	
	New	Ctrl+N	
	Open	Ctrl+O	
	Open Recent	•	
	Sketchbook	+	
	Examples	•	re, to run once:
	Close	Ctrl+W	
	Save	Ctrl+S	
	Save As	Ctrl+Shift+S	e, to run repeatedly:
	Page Setup	Ctrl+Shift+P	cy of an approximate
	Print	Ctrl+P	
	Preferences	Ctrl+Comma	
	Quit	Ctrl+Q	
			-



😳 sketch_may24a Arduino 1.6.11			
File Edit Sketch Tools Help	Preferences	×	
	Settings Network		
sketch_may24a	Sketchbook location:		
<pre>void setup() {</pre>	C: \Users\Pika\Documents\Arduino	Browse	
<pre>// put your setup code here, to run once:</pre>	Editor language: System Default	 (requires restart of Arduino) 	
}	Editor font size: 12		
<pre>void loop() {</pre>	Interface scale: V Automatic 100 - %	(requires restart of Arduino)	
<pre>// put your main code here, to run repeate</pre>	Show verbose output during: 📝 compilation 📄 upload		
}	Compiler warnings: None -		
	Display line numbers		
	Enable Code Folding		
	Verify code after upload	This is the	
	Use external editor	preferences window	
	Check for updates on startup		
	Update sketch files to new extension on save (.pde -> .i	no)	
	Additional Boards Manager URLs:		
	More preferences can be edited directly in the file		
	C:\Users\Pika\AppData\Local\Arduino15\preferences.txt		
	(edit only when Arduino is not running)		
		OK Cancel	
		Wet	- Ios D1 R2 & mini, 80 MHz, 115200, 4M (3M SPIFFS) on COM29

• Enter http://arduino.esp8266.com/stable/package_esp8266com_index.json into Additional Board Manager URLs field. You can add multiple URLs, separating them with com

💿 sketch_may24a Arduino 1.6.11		
File Edit Sketch Tools Help	Preferences	
	Settings Network	₽ [.]
sketch_may24a	Sketchbook location:	
<pre>void setup() {</pre>	C: Users \Pika\Documents\Arduino Browse	4
<pre>// put your setup code here, to run once:</pre>	Editor language: System Default v (requires restart of Arduino)	
}	Editor font size: 12	
<pre>void loop() {</pre>	Interface scale: V Automatic 100 × % (requires restart of Arduino)	
<pre>// put your main code here, to run repeate</pre>	Show verbose output during: 📝 compilation 📄 upload	
}	Compiler warnings: None -	
	Display line numbers	
	Enable Code Folding	
	♥ Verify code after upload	
	Use external editor	
	Click on this icon	
	V Update sketch files to new extension on save (.pde -> .ino)	
	Save when verifying or uploading	
	Additional Boards Manager URLs:	
	More preferences can be edited directly in the file	
	C: {Users\Pika\AppData\Local\Arduno15\preferences.txt	
	(edit only when Arduino is not running)	
	OK Cancel	
	WeMos D1 R2 & mini, 80 MHz, 115200, 4M (3	IM SPIFFS) on COM29

💿 sketch_may24a Arduino 1.6.11		_ 0 X
File Edit Sketch Tools Help	Preferences	
	Settings Network	P
sketch_may24a	Sketd 💿 Additional Boards Manager URLs	× 1
<pre>void setup() { // put your setup code here, to run once: } void loop() { // put your main code here, to run repeate }</pre>	Enter additional URLs, one for each row You need to add the following link here:- http://arduino.esp8266.com/stable/package_esp8266com_index.json Click for a list of unofficial boards support URLs OK Cancel	
	OK Car Additional Boards Manager URLs: _MCUdude_MiniCore_index.json,http://arduino.esp8266.com/stable/package_esp8266com_index.json More preferences can be edited directly in the file C: (Jusers/Pika/AppData/Local/Arduino15/preferences.txt (edit only when Arduino is not running) C: (Jusers/Pika/AppData/Local/Arduino is not running)	

• 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).

