Installation and configuration of WAMP/XAMPP

Step By Step Guide to Install WAMP Server on Windows 10
Wamp Server installation brief on Windows

1. Go to the official WampServer website and download the Wamp server 32bit or 64bit.
2. Run the downloaded Wamp server.exe setup
3. Select the location, if need to set other than the default.
4. Follow the instructions and install the setup.
5. Click on system tray Wamp server icon and test the web server

Step 1: Download the Wamp server

Go to the official WAMP server website (http://www.wampserver.com/en/) and download the WampServer setup according to your Windows 10 version. If you have 64bit then download the Wamp server (x64) otherwise the 32-bit (X86). To check your Windows 10 version right click on "**This PC**" and select the properties.

Step 2: Warnings and download link

When you click on the Wamp server to download button, a pop-a window with a download link will open that takes you to Sourceforge and also it shows some warnings that need to see too, if you using some previous version of Wamp server.

Here are those:

WARNING: Don't use previous WampServer Extensions/Add-ons. There are no more compatible with the new Wampserver version's (VC11)

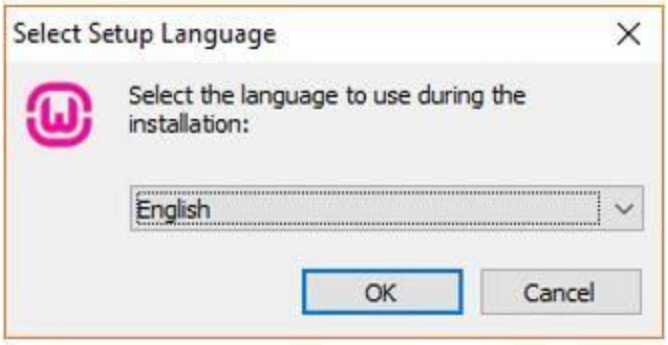
WARNING: Do not try to install WampServer 2 over WAMP5. If WAMP5 is installed on your computer, save your data, uninstall it and delete the WAMP5 directory before installing WampServer 2.

WARNING: All the components of the v2.2 WampServer stack have been compiled with VC9 version of Microsoft compiler. Earlier versions of Wampserver have been made with a VC6 version of Microsoft compiler. So, You can't mix components of 2.2 stack with the previous version of Wampserver Stack components. If you do it you will get an unstable Wampserver.

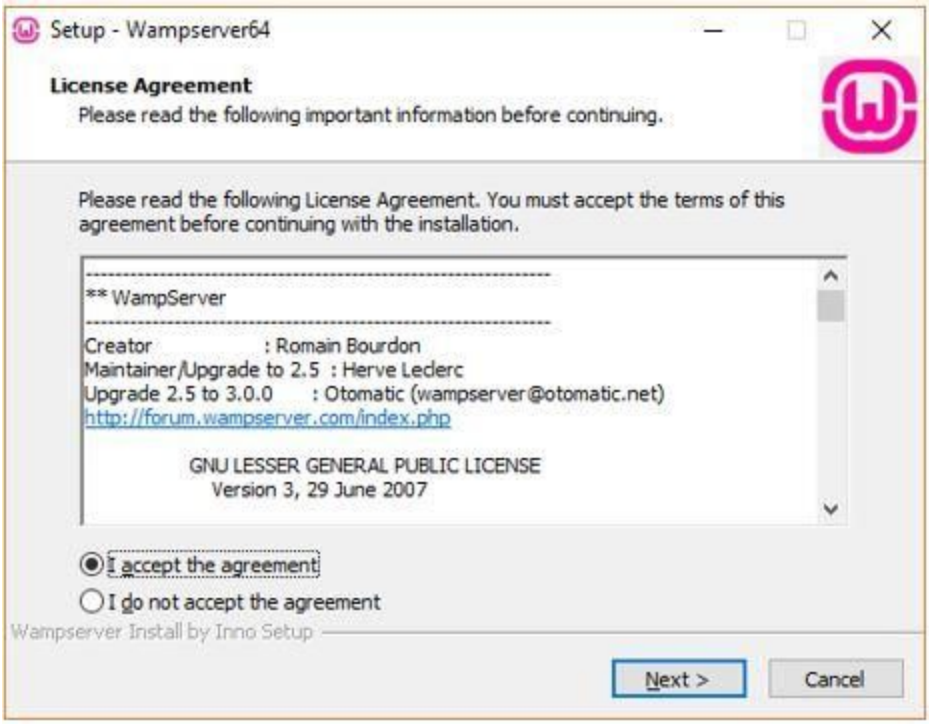
About: Visual studio, in most of the cases, you don't need to install because it already as system update and if not then while installation you get pop-up to download it.

Step 2: WAMP server Installation

Run the setup and select the language in which you want to install the Wamp server for Windows 10.

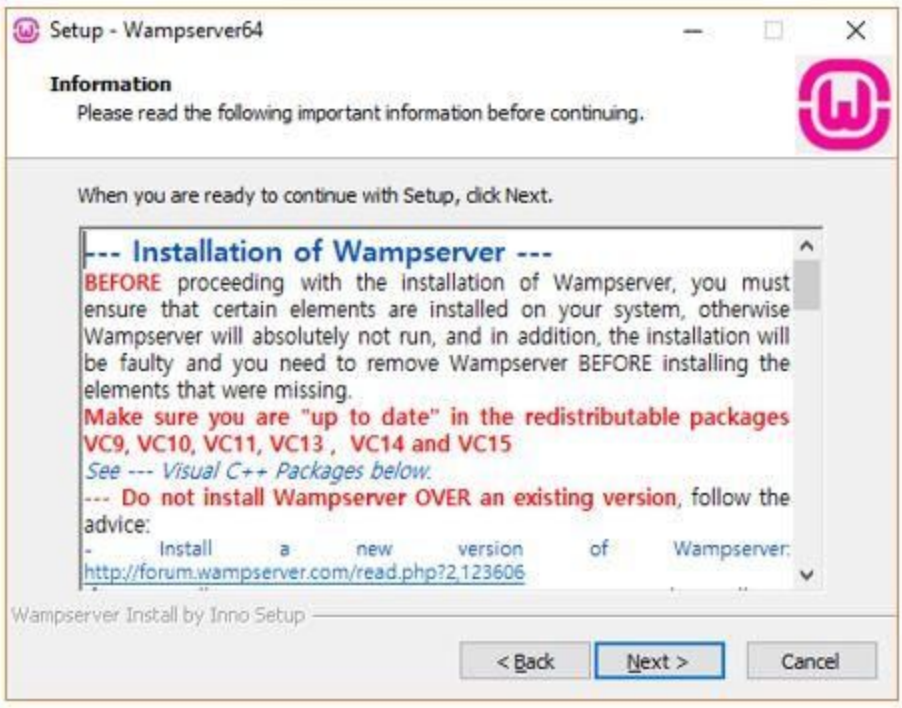


Select the "I accept the agreement"



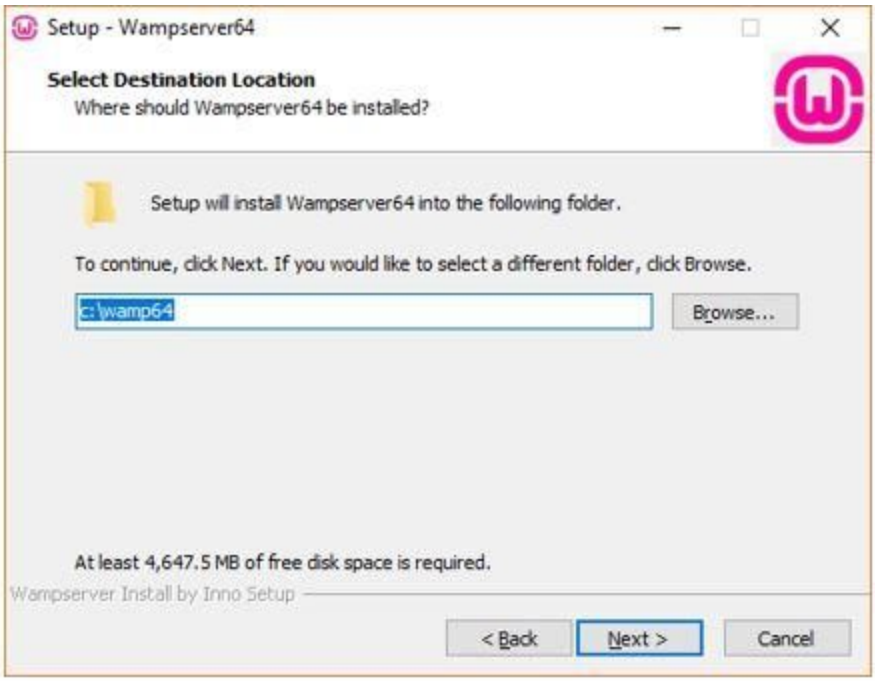
As I said it needs up to date redistributable packages of VC9, VC10, VC13, VC14, and Vc15. Either go to your **Control Panel-> Program and features** and check whether you have the **Visual C++ packages** installed or not, or just Click on the **Next button and program will automatically identify it.** In case, the program not able to find the packages, it will warn you and then you can install them from below given links:

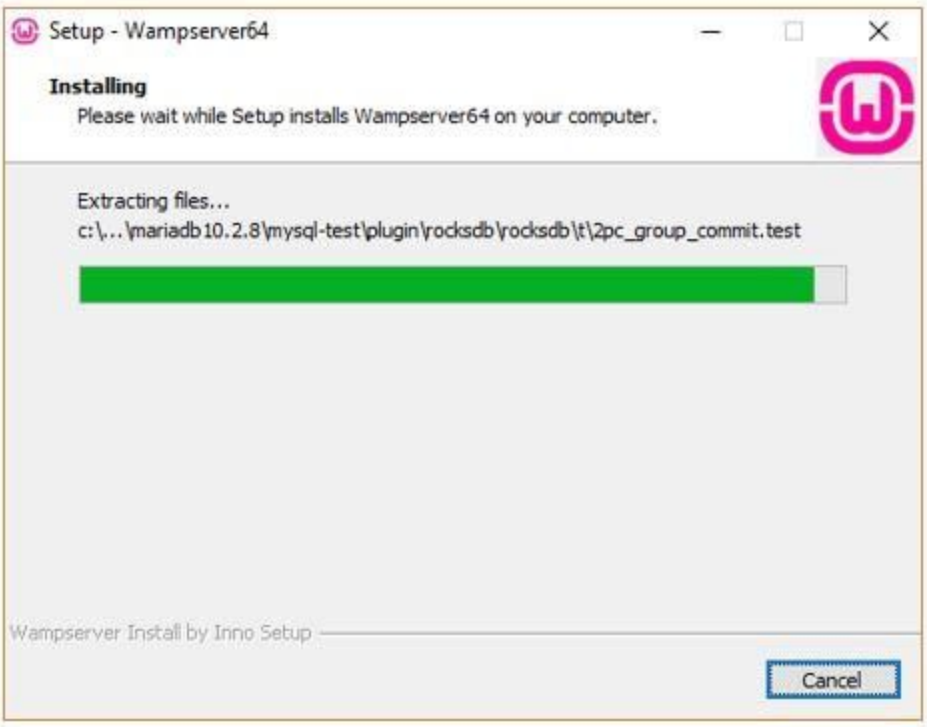
1. Visual C++ Redistributable for Visual Studio 2015
2. Visual C++ Redistributable Packages for Visual Studio 2013
3. Visual C++ Redistributable for Visual Studio 2012 Update 4
4. Microsoft Visual C++ 2010 Redistributable Package (x64)
5. Microsoft Visual C++ 2010 Redistributable Package (x86)
6. Microsoft Visual C++ 2010 SP1 Redistributable Package (x86)
7. Microsoft Visual C++ 2010 SP1 Redistributable Package (x64)



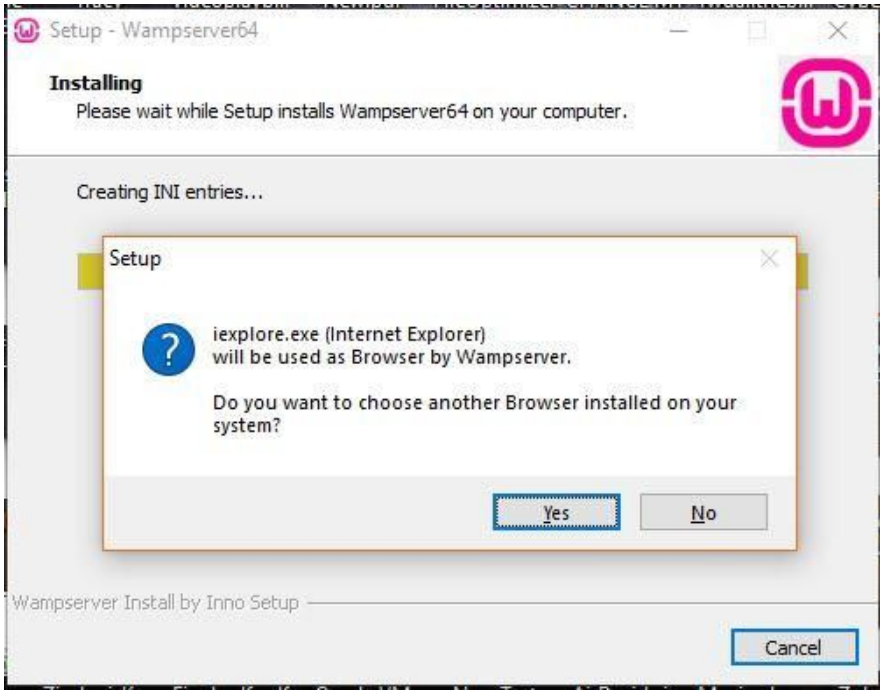
Step 3: Choose Installation directory or location Wamp server

By default all programs you installed in Windows system go to your system's **C:** drive but if you want to install the Wamp server in some other drive or folder then click on the browse button and choose the location. And then click on **NEXT**.

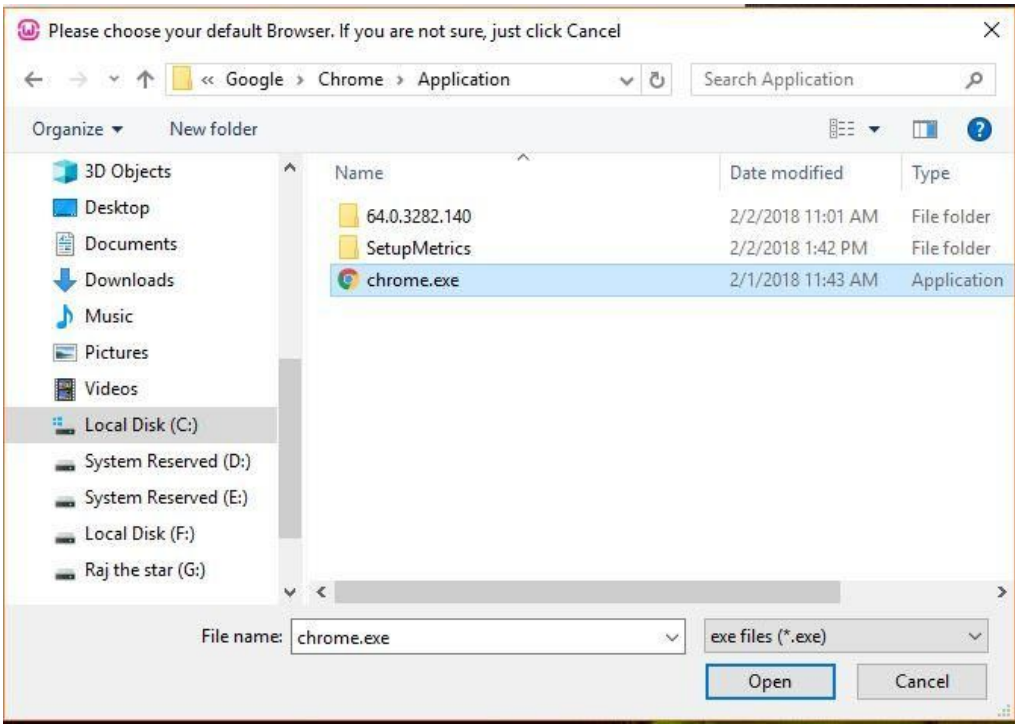




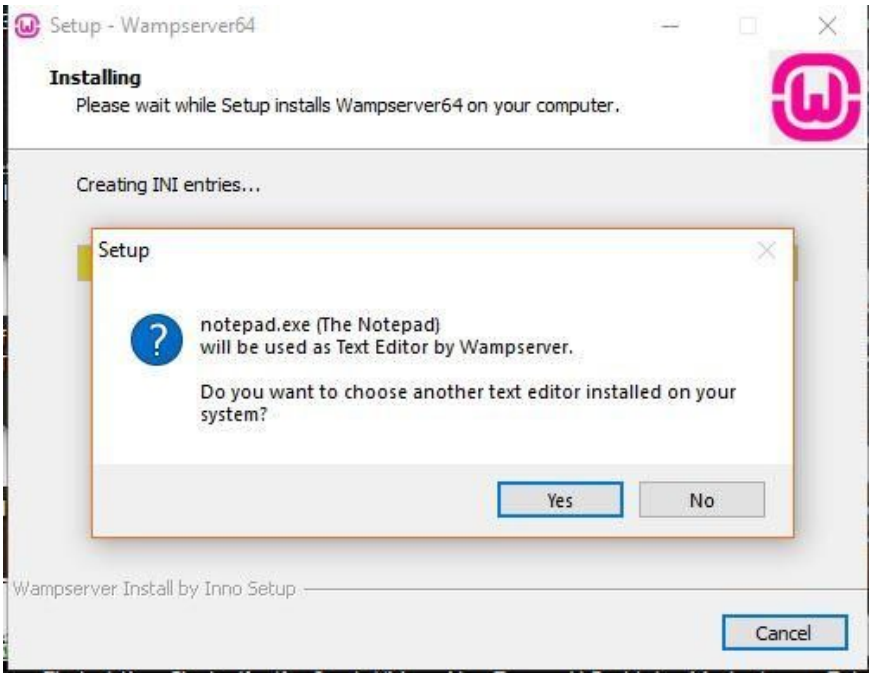
Step 4: Change the Internet Explorer Browser and Text editor of WAMP server on Windows 10
While installing the setup of WampServer, it will ask which browser you want as default in the WAMP server. By default, it uses the iexplore.exe (Internet Explorer) to change it to Google Chrome or Mozilla Firefox click on **YES** otherwise **NO.**



When you click on **YES**, the Windows Explorer will open from where go to C**:Program Files (x86)GoogleChromeApplication** and select the **Chrome.exe a**nd click on **Open**.

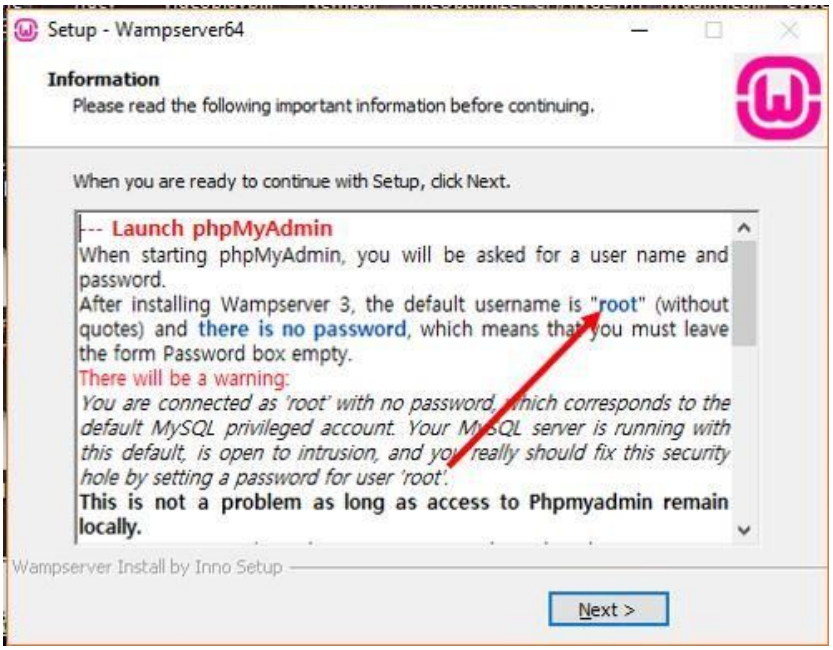


After selecting the default browser, the Wamp Server will also ask to select the default **Text editor** which we need in case we want to edit Apache or PHP config files such as **http.config or php.ini.** By default, it uses the notepad of Windows, I think it doesn't need to be changed, so that's why just click on **NO**. However, if you want to change the Text editor then click on **YES** and locate your third-party installed text editor as we do above for selecting the Google chrome.



While completing the installation the setup also provides you login information of your **phpMyAdmin;** "A*fter Installing Wampserver the default username is "****root****"* without *quotes*

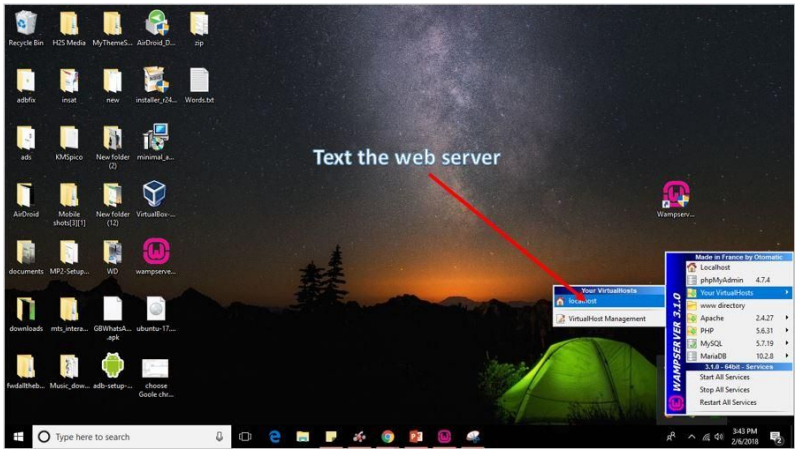
*and **there is no password,** which means you must leave Password box empty to login* into *the phpMyAdmin.*



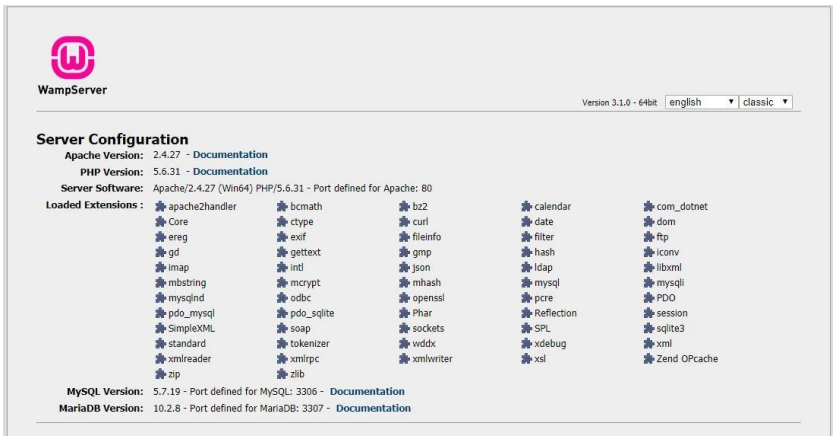
Step 5: Check the Wamp Server Apache

After successful installation, click on the system tray and then on WAMP Server icon. As you click you will find shortcuts to check and use the Apache, MySQL, PHPMyAdmin, MariaDB, Stop all services, Start all services and Reset all services.

To ensure whether our Apache web server is up and running on our Windows 10 click on Localhost.

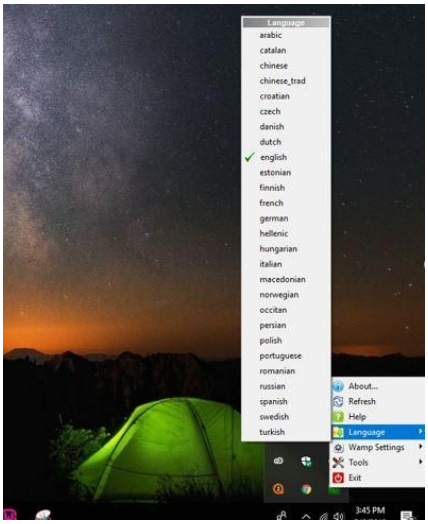


When you click on Localhost a tab will open with a page showing all server configuration in your browser. For reference see the screenshot.



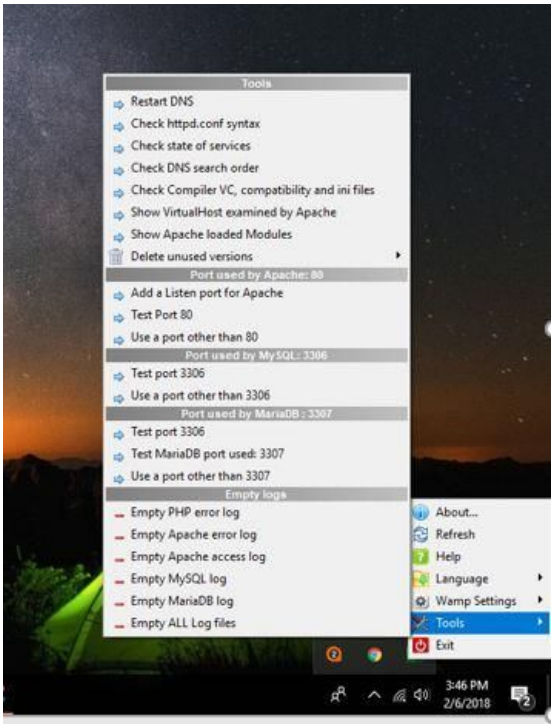
Step 6: Other important Wamp server tools and settings

If you right click on the same WAMP server icon resides in your system tray, it will open several other options such as About, Refresh, Help, language, WAMP settings, Tool, and Exit. In case you want to change the software language you can choose your local language from the language option.



If you want to know which port is using which service of WAMP server or some other information, you just need to go tools:

- Restart DNS
- Check HTTP.conf syntax
- Check stats of services
- Check DNS search order
- Check compiler VC, compatibility and ini files
- Show VirtualHost examined by Apache
- Show Apache loaded Modules
- Delete Unused PHP versions
- And more…


Tools
Restart DNS
Check httpd.conf syntax
Check state of services
Check DNS search order
Check Compiler VC, compatibility and ini files
Show VirtualHost examined by Apache
Show Apache loaded Modules
Delete unused versions
Port used by Apache: 80
Add a Listen port for Apache
Test Port 80
Use a port other than 80
Port used by MySQL: 3306
Test port 3306
Use a port other than 3306
Port used by MariaDB : 3307
Test port 3306
Test MariaDB port used: 3307
Use a port other than 3307
Empty logs
Empty PHP error log
Empty Apache error log
Empty Apache access log
Empty MySQL log
Empty MariaDB log
Empty ALL Log files
About...
Refresh
Help
Language
Wamp Settings
Tools
Exit
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