

Step by Step Guide to Download and Install Wamp Server with MySQL

CIS408

Step 1 > Download WAMP Server 3.2.0 from below link:

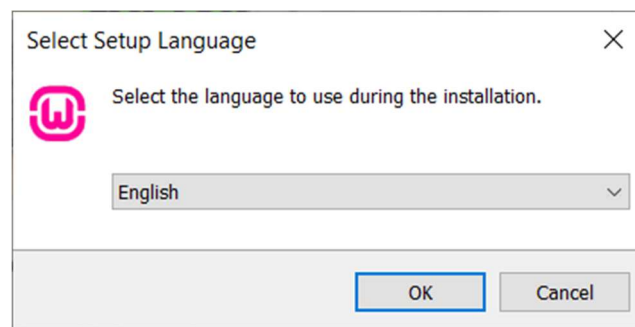
https://download.cnet.com/WampServer-64-Bit/3000-10248_4-75544590.html

Step 2 > Locate the Downloaded file.

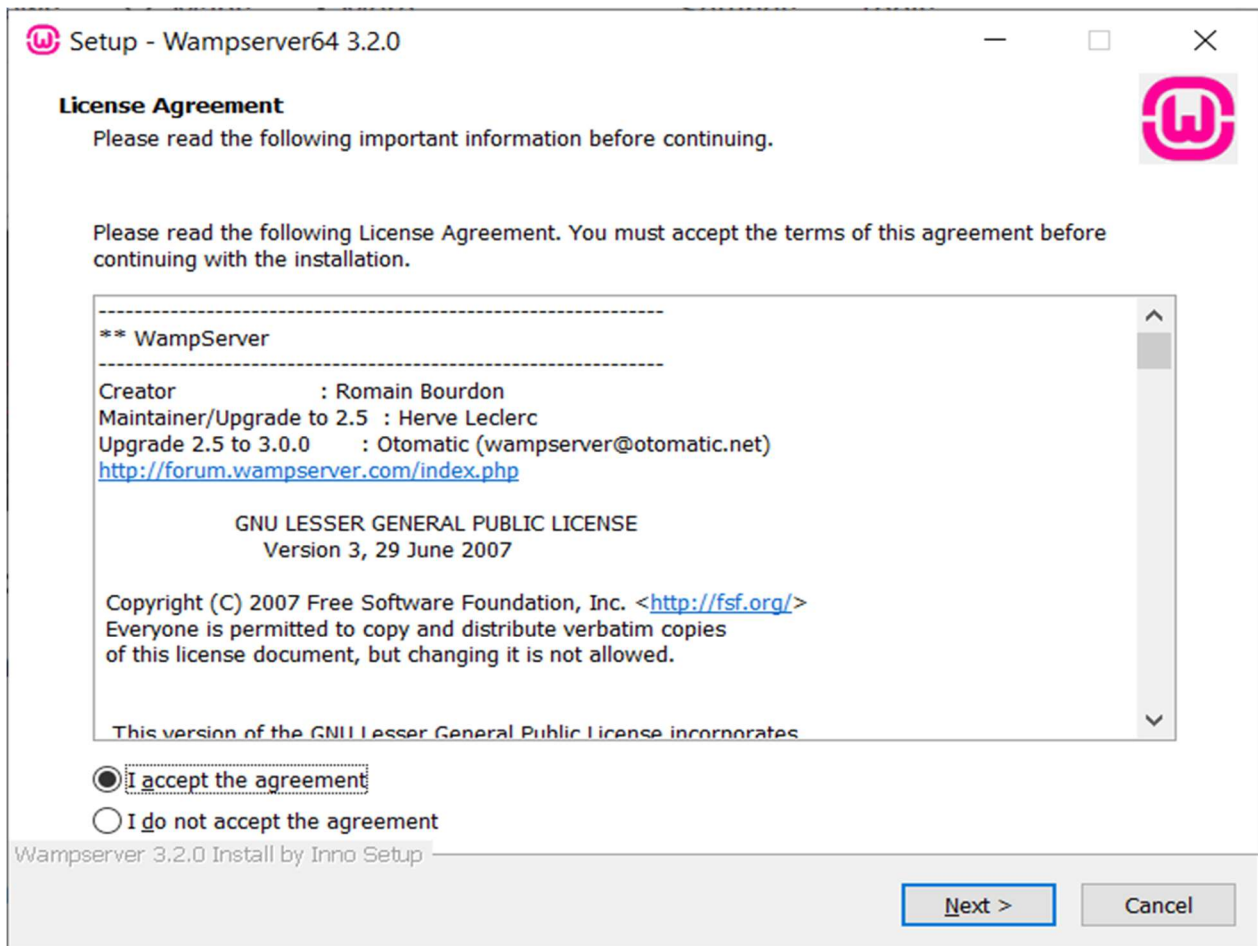
Now go to the Downloads folder and double click on the installer to install the WAMP server in your machine. The name of the file would be something like **wampserver3.2.0_x64.exe** and would be 530 MB in size.

Step 3 > Now you need choose your preferred language language for installation.

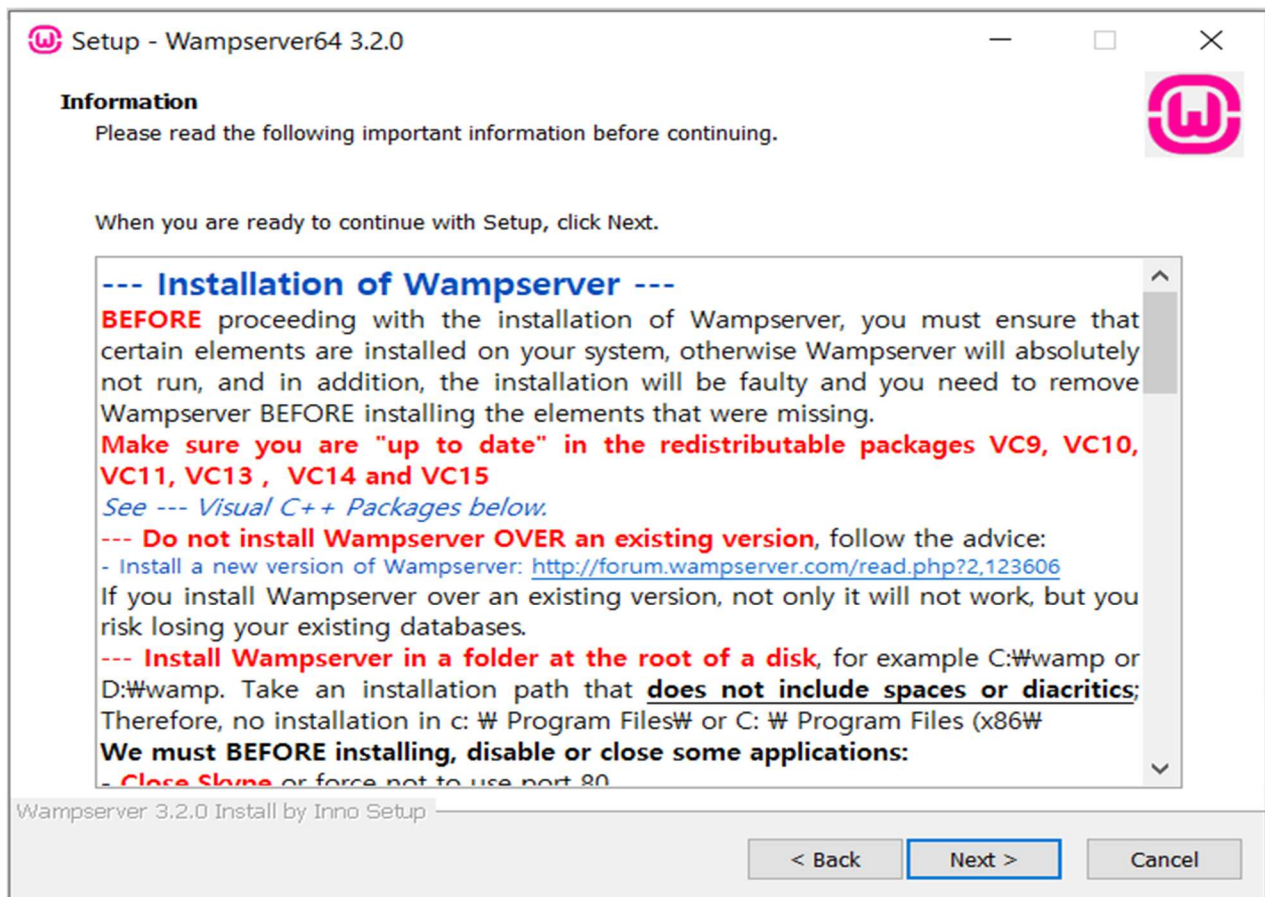
Select your preferred language from the drop-down list. We will be using English for this demonstration. You will get below screen, click on OK.



Step 4 > Accept the WampServer License agreement dialog box.

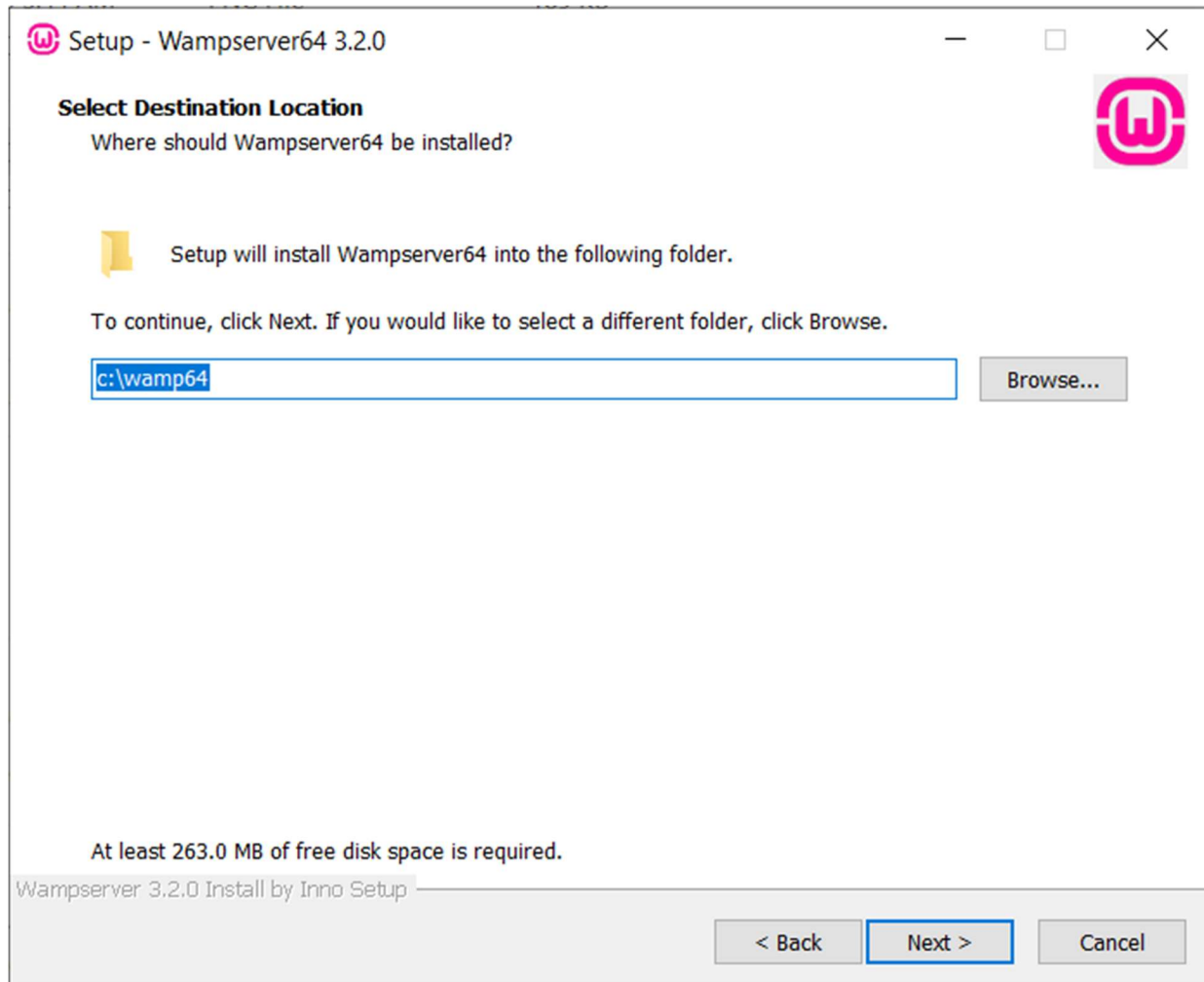


Step 5 > Now you should see an information as shown in the below Screenshot. Click on Next.



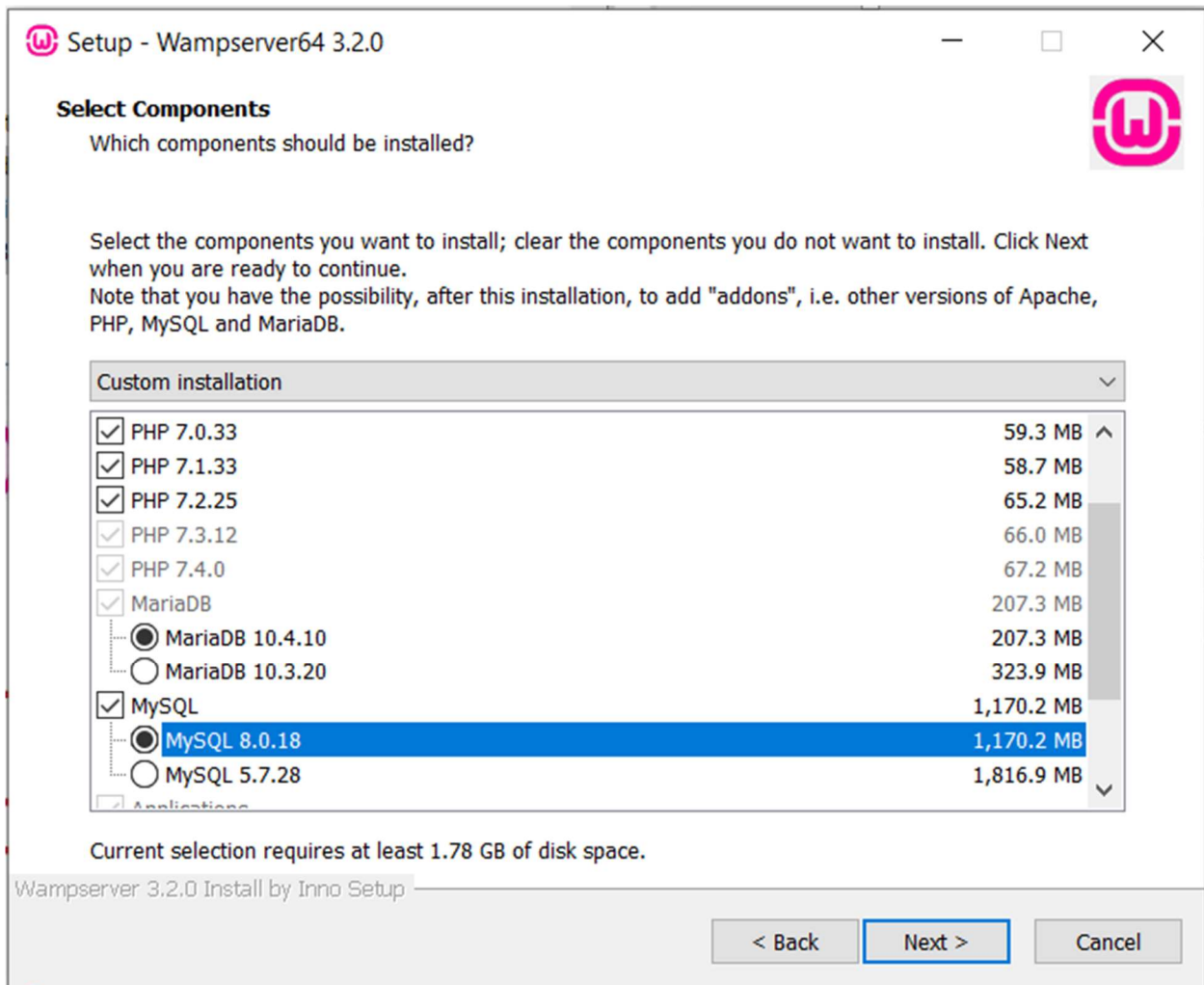
Step 6 > Select the location where you want to install the WampServer in your local machine.

Choose the path by clicking on Browse. I suggest you keep it as it is. Then Click Next.



Step 7 > Now you need to select which components you want to install with this installation process.

Select all available PHP version so that we have flexibility in application testing because the hosting providers may not offer the latest version of PHP. We should also select both MYSQL and MariaDB. This provides larger development options with both Databases, MariaDB and MySQL. Have a look at the below screenshot and click Next.

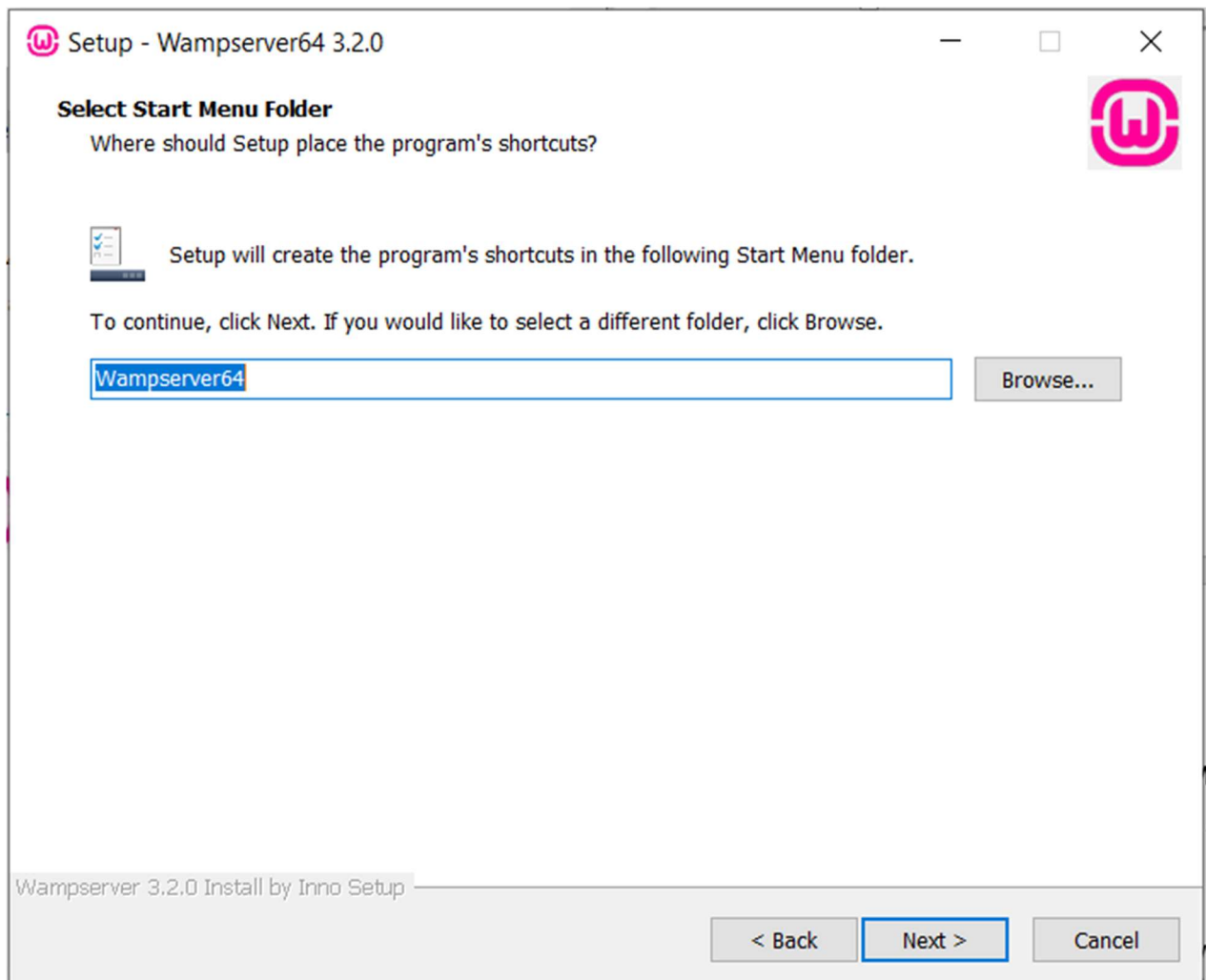


Step 8 > Now, select Start Menu folder name.

In our case keep the default value and click on Next.

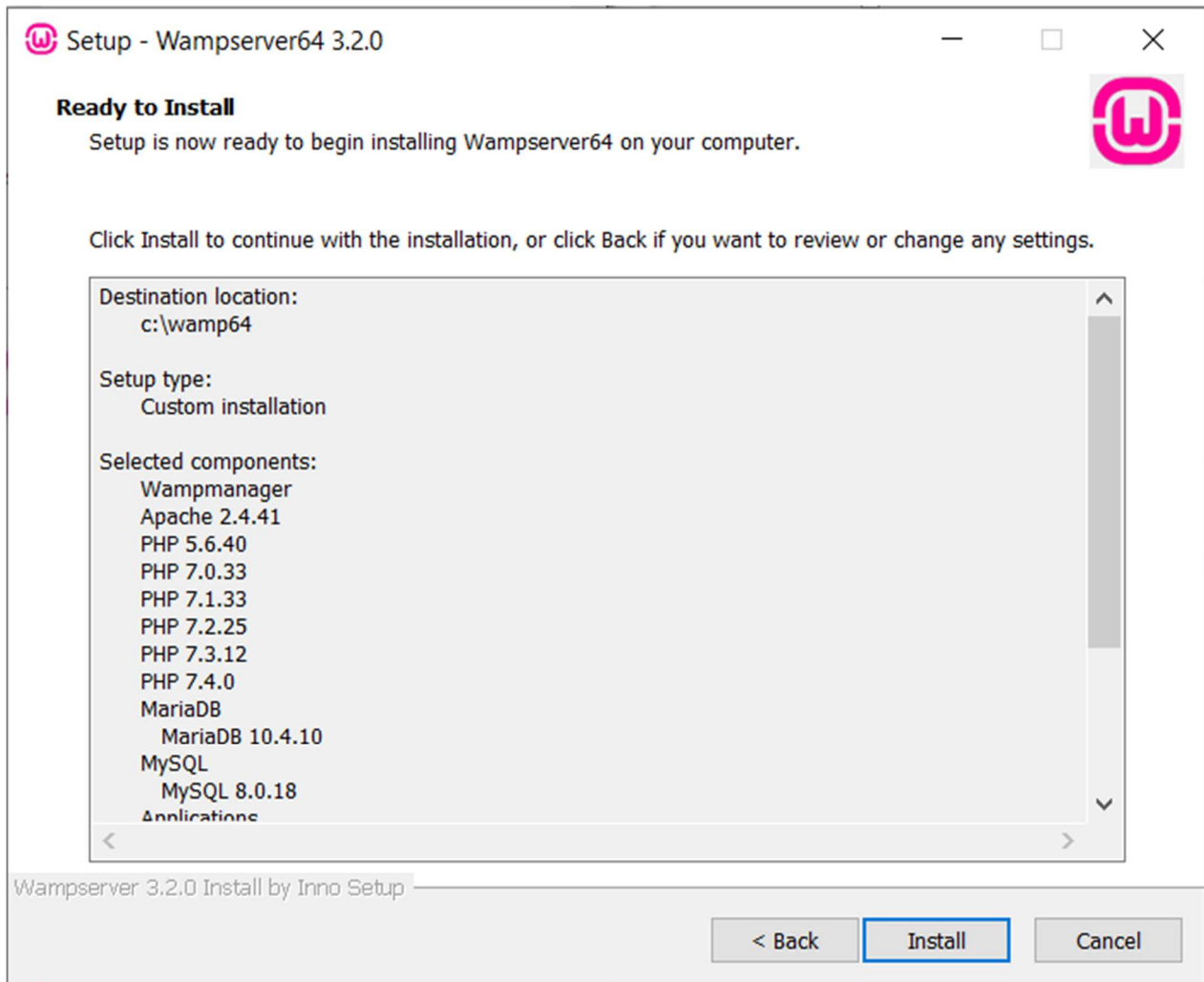
Note:

If you select the default, it would be placed in C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Wampserver64. This folder content is accessible from the windows start button, all apps in windows 10. If you place in any other folder, the shortcut will not be visible from the start menu.

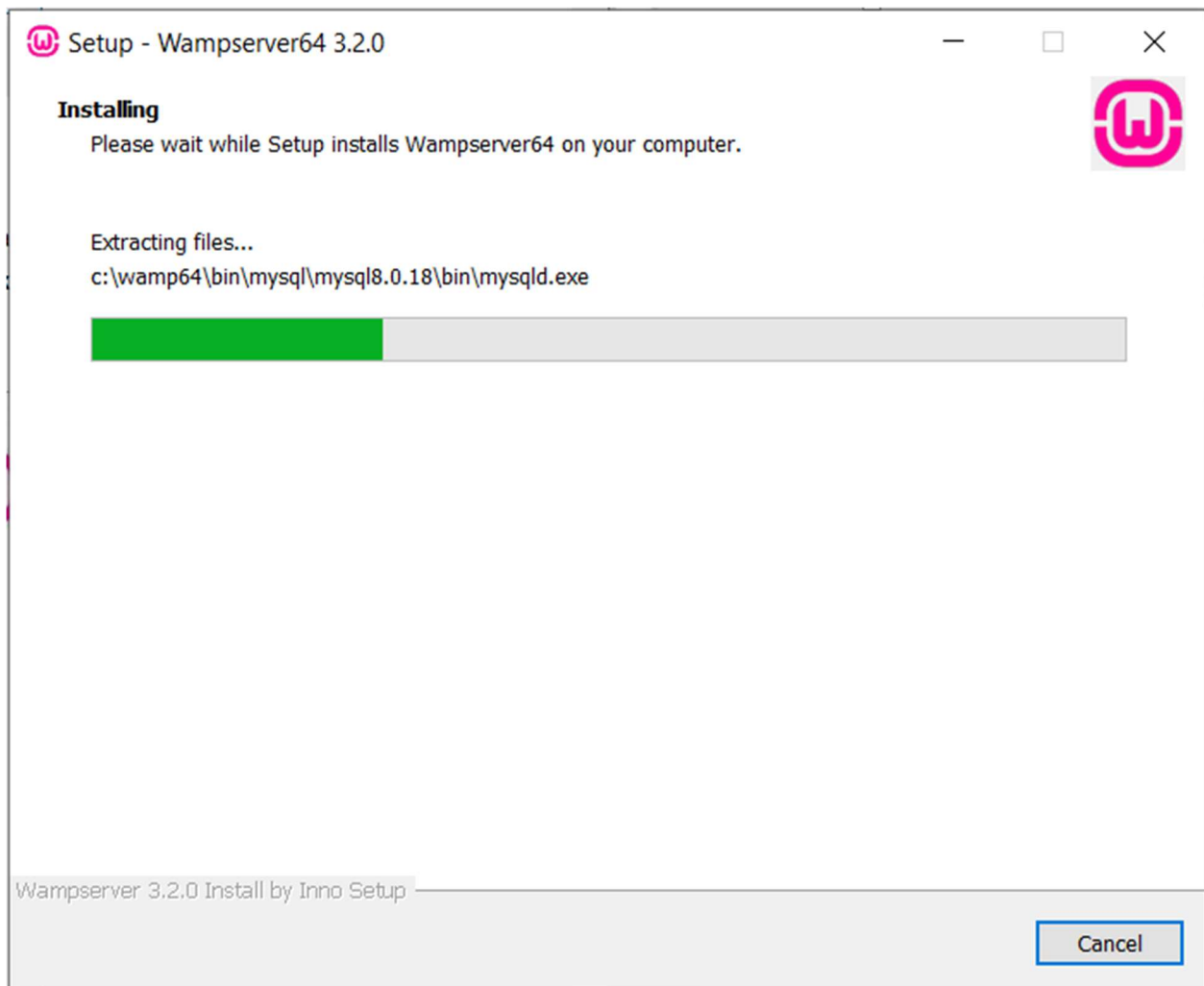


Step 9 > Finally, review all the details which you have chosen so far and click on Install Button

You don't have to do anything, just click on Install.

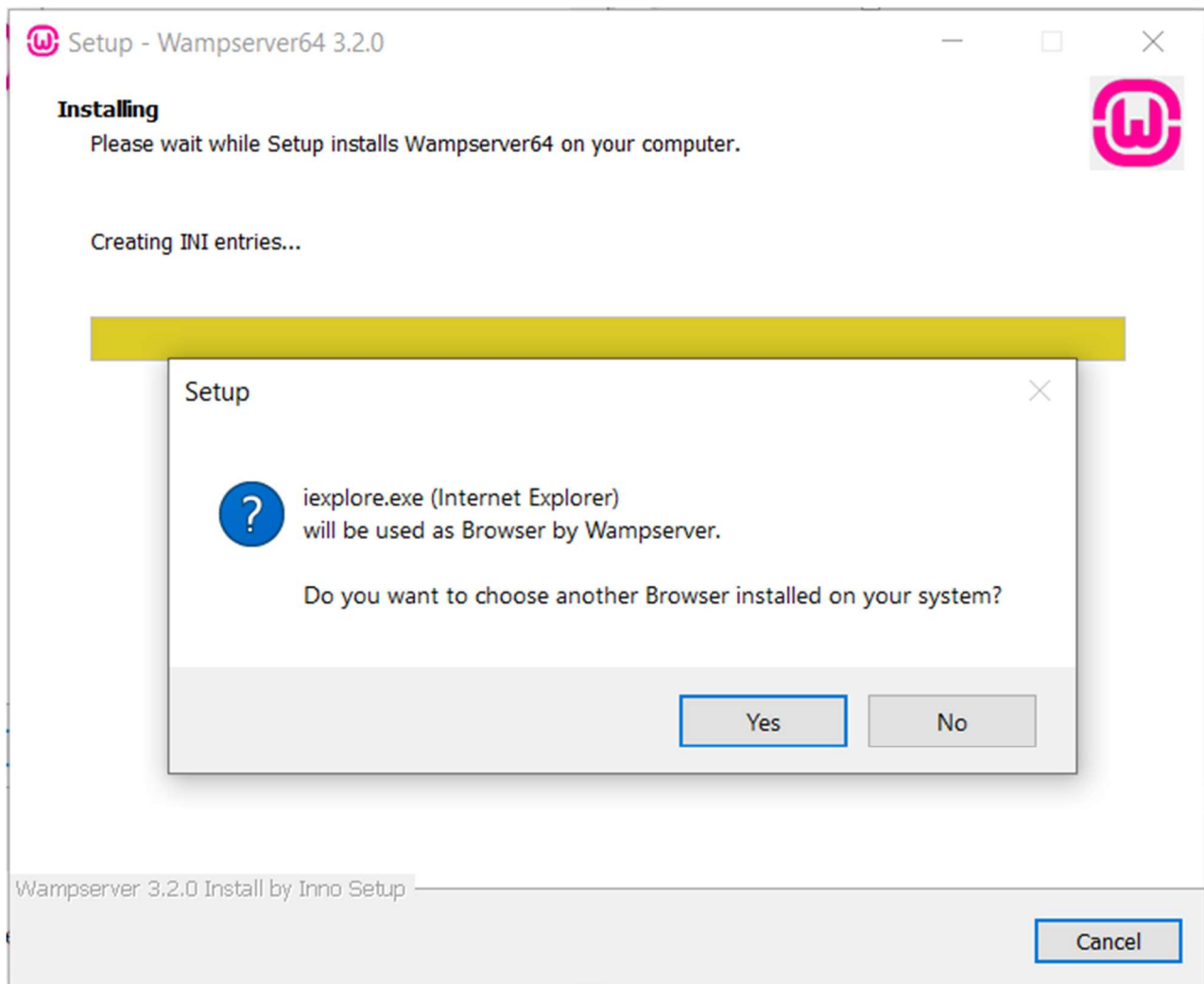


It will take few seconds to get it installed. Wait till then.

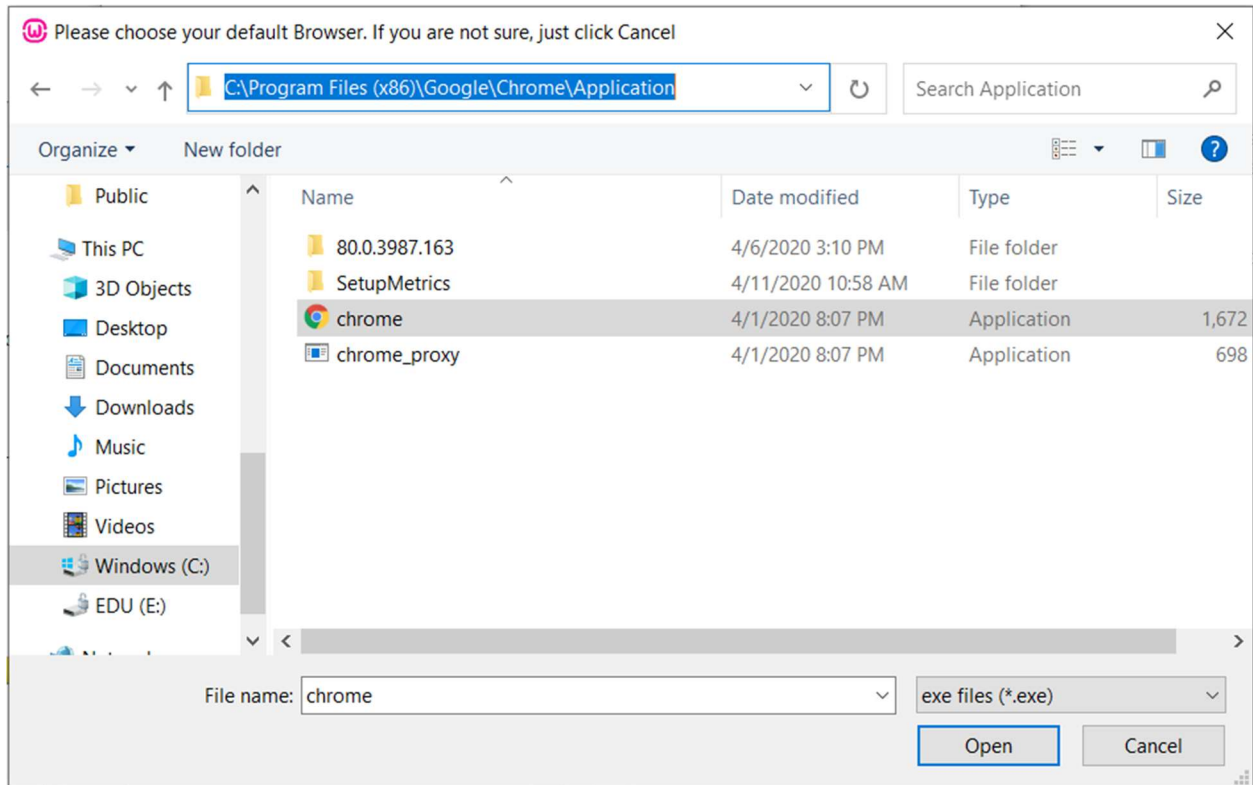


Step 10 > Select the default browser.

If you want to change the default browser for WampServer then Click on **Yes**, else click **No** to accept Internet explorer as the default browser.

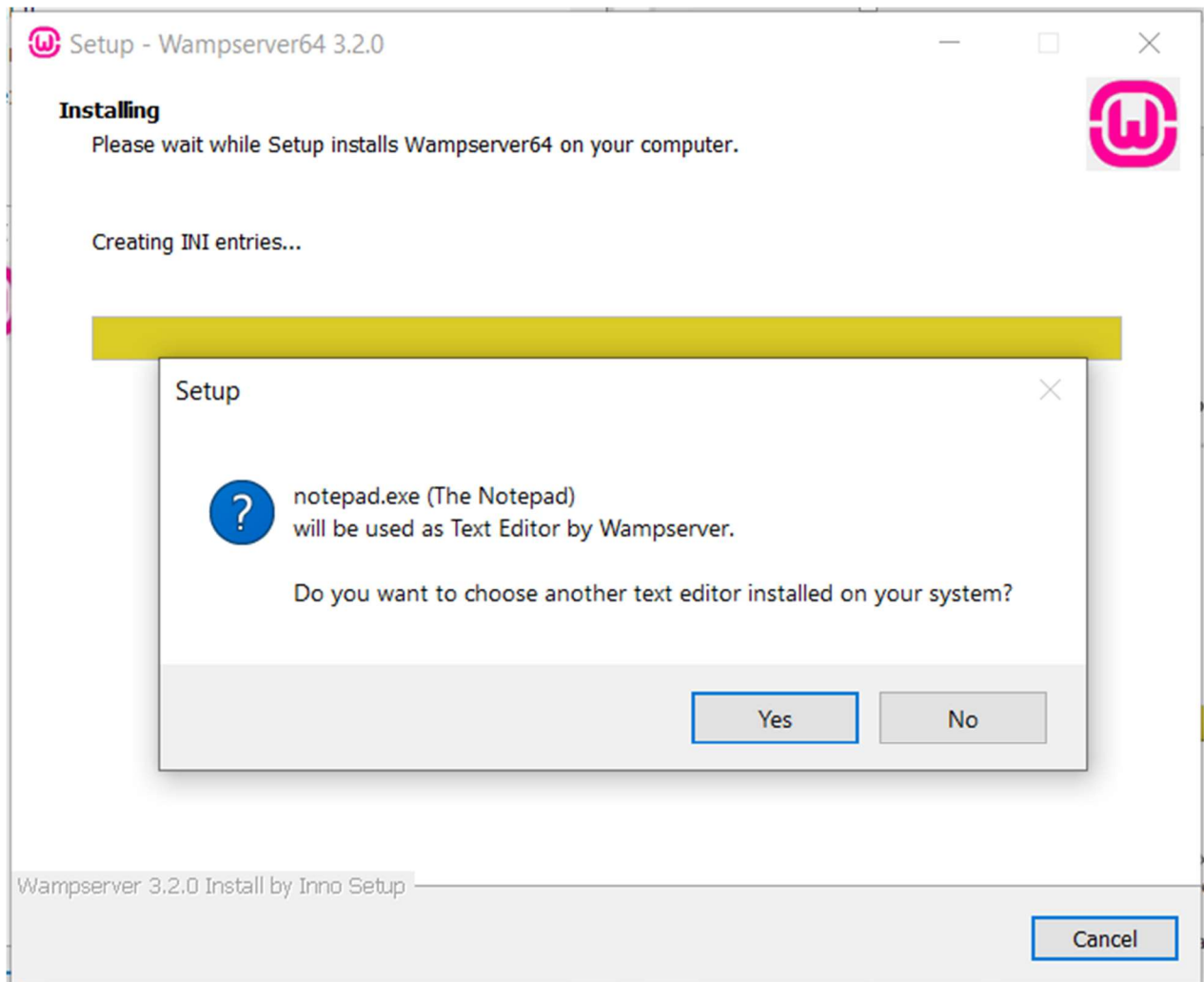


If you click on Yes, and you want to choose Chrome as default browser for WampServer, then you need to choose the path of .exe file of chrome and click on Open. Have a look at the below Screenshot.



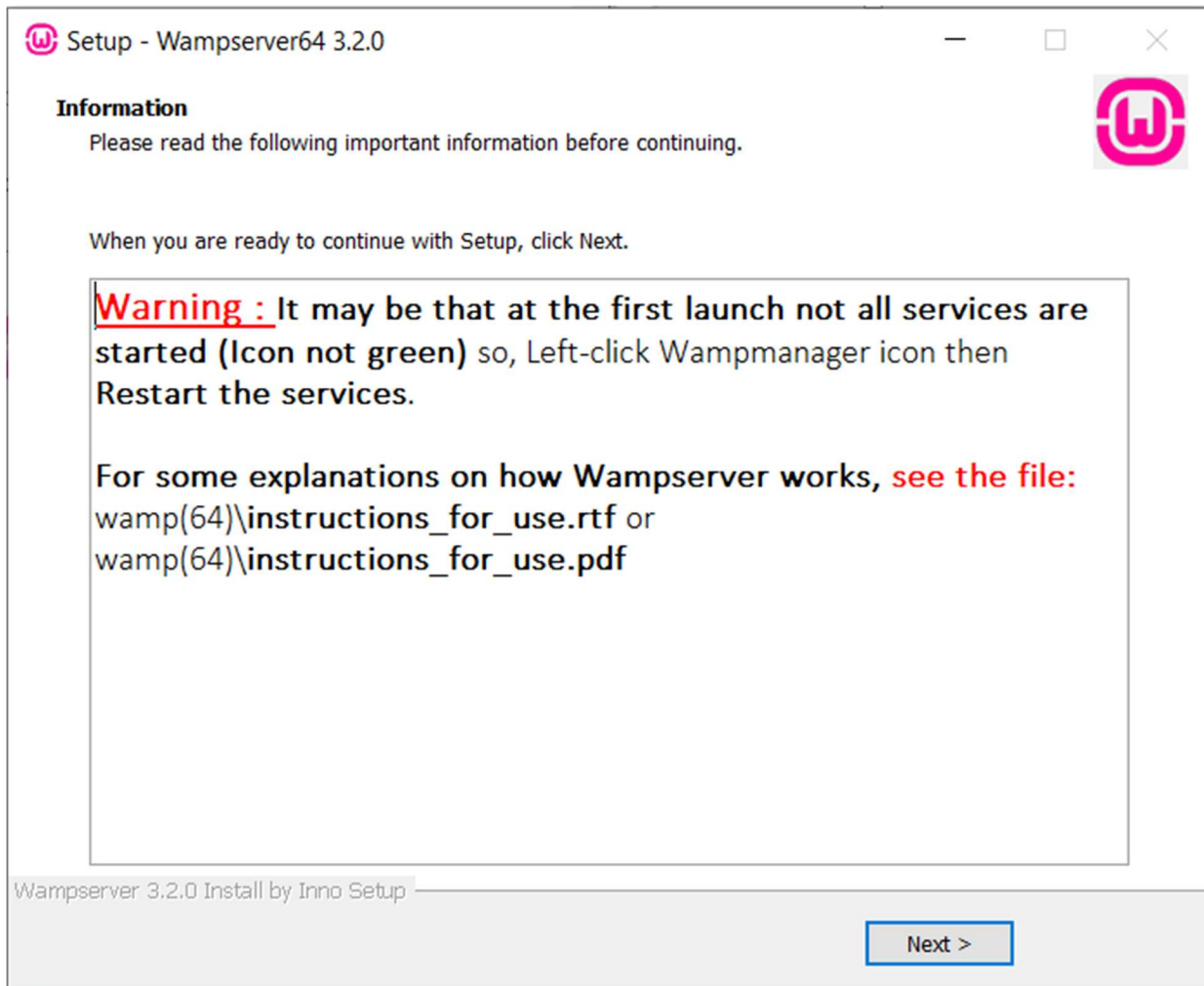
Step 11 > Select the default Text Editor.

Keep the notepad as the default so, click on **No**. Installation will continue and wait for the process to complete.



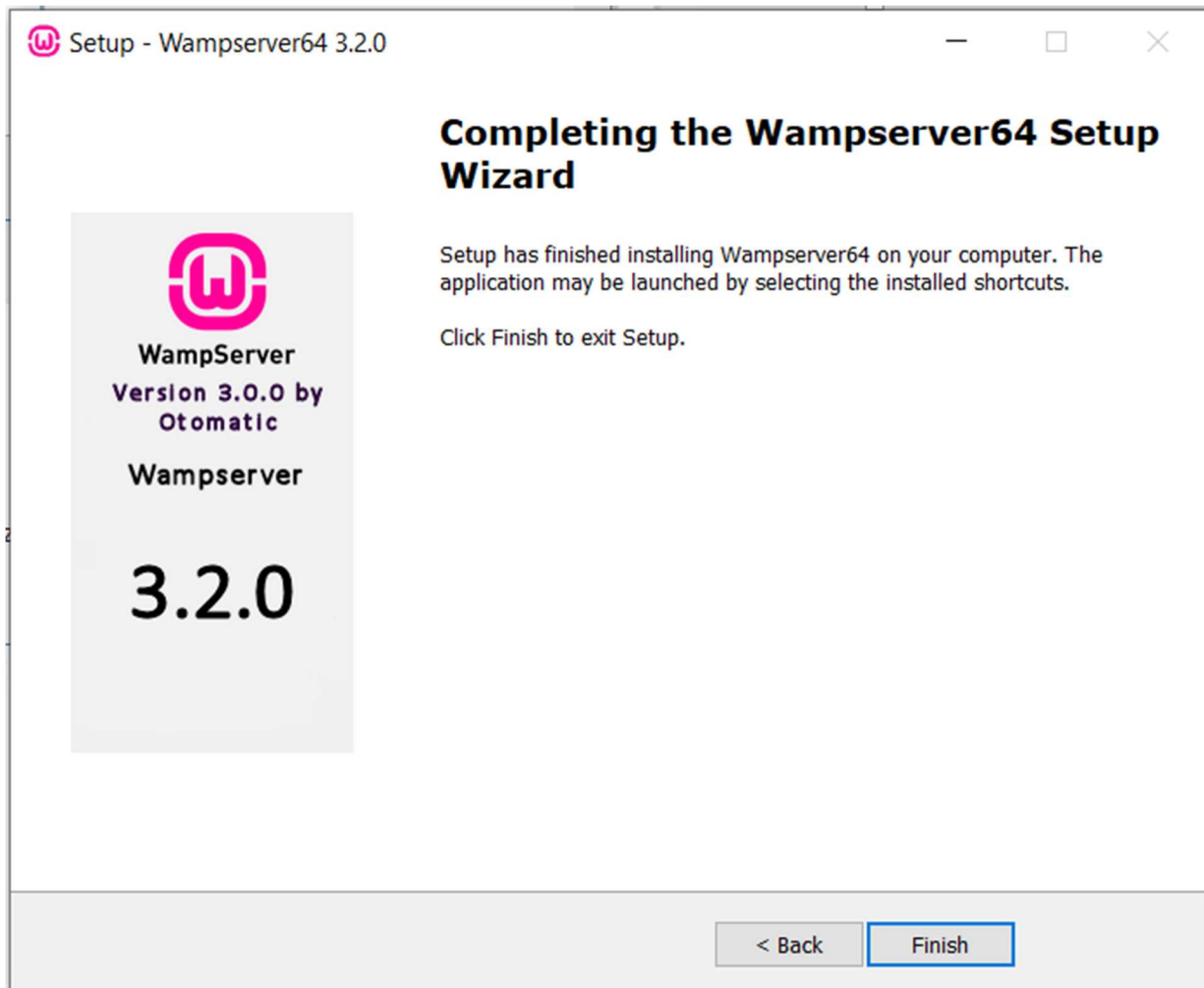
Step 12 > WAMP startup Warning.

You don't have to do anything, just click Next.



Step 13 > Installation complete

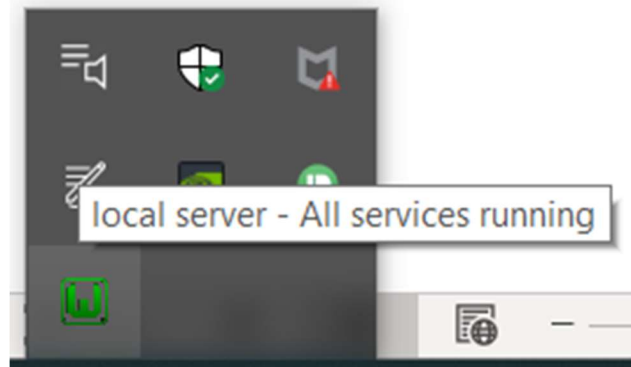
You can see that the installation is done. Now click on Finish to close the Installation Wizard.



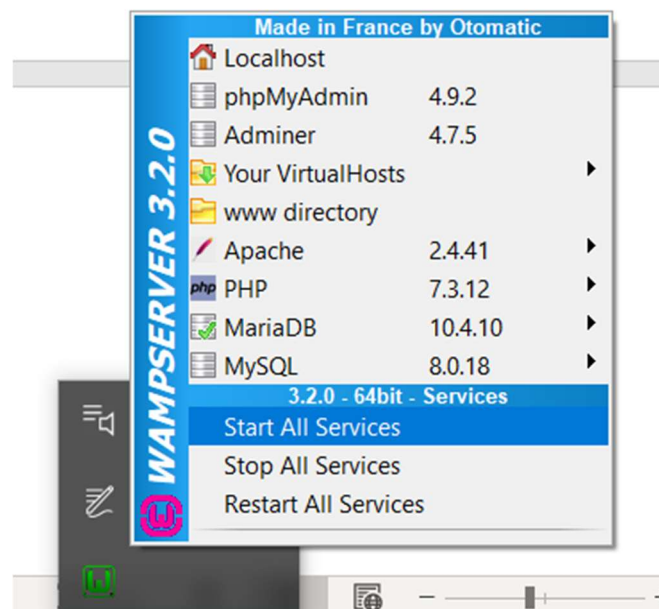
Step 14 > Start the WampServer.

You can now start the WampServer by double clicking on the shortcut wampserver icon on your desktop or alternatively launch it from the start menu. After the WampServer starts, you can see the Green icon on the taskbar as shown in the Screenshot below.

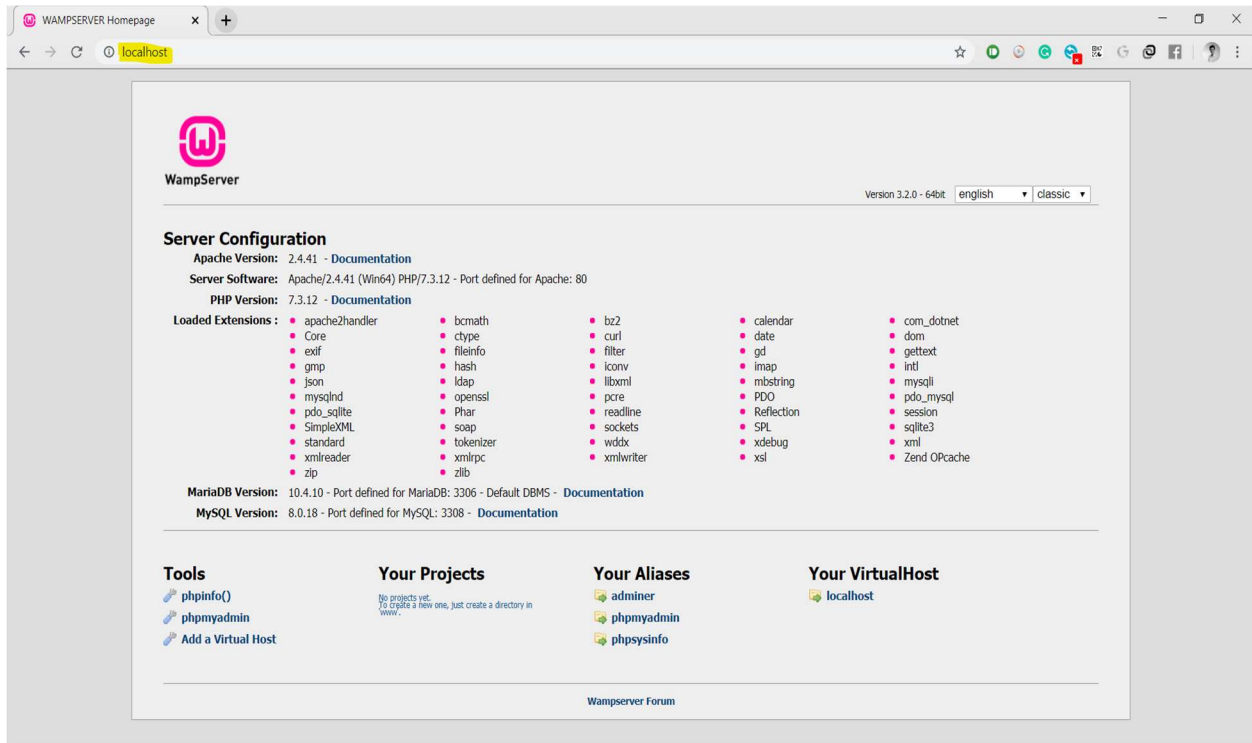
Initially it will be Red, then turn amber and then Green. When it turns green, it means all the services are now running.



If it is still Red, then left click on the icon, you can see the options to start, stop and restart the WampServer as shown in the Screenshot below.



Step 15 > Now go to the chrome browser and write localhost in the address bar. You will see the screen as shown in the screenshot below.



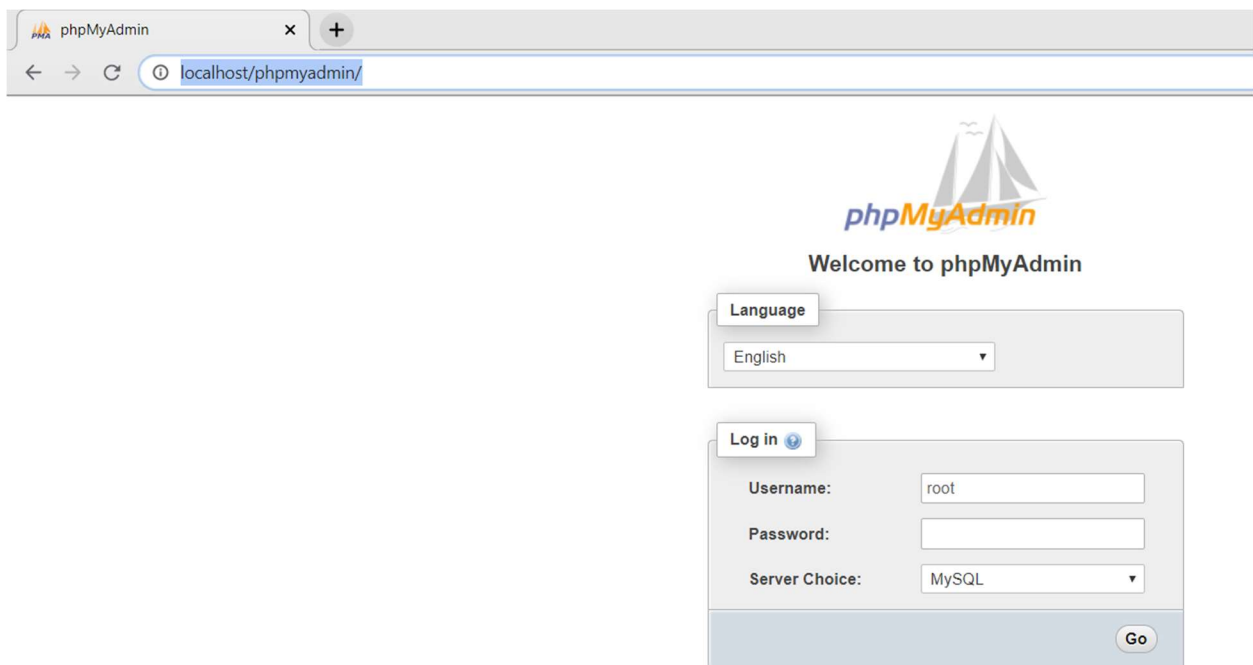
Congratulations, you are done with setup of Wamp server.

How to access phpMyAdmin

You can access phpMyAdmin by going to the url > `http://localhost/phpmyadmin/`

By default, the username is **root** and password is **blank**. Enter username as root and click on login to login to phpMyAdmin console.

Once you are done Click on Go.



phpMyAdmin

localhost/phpmyadmin/

phpMyAdmin

Welcome to phpMyAdmin

Language

English

Log in

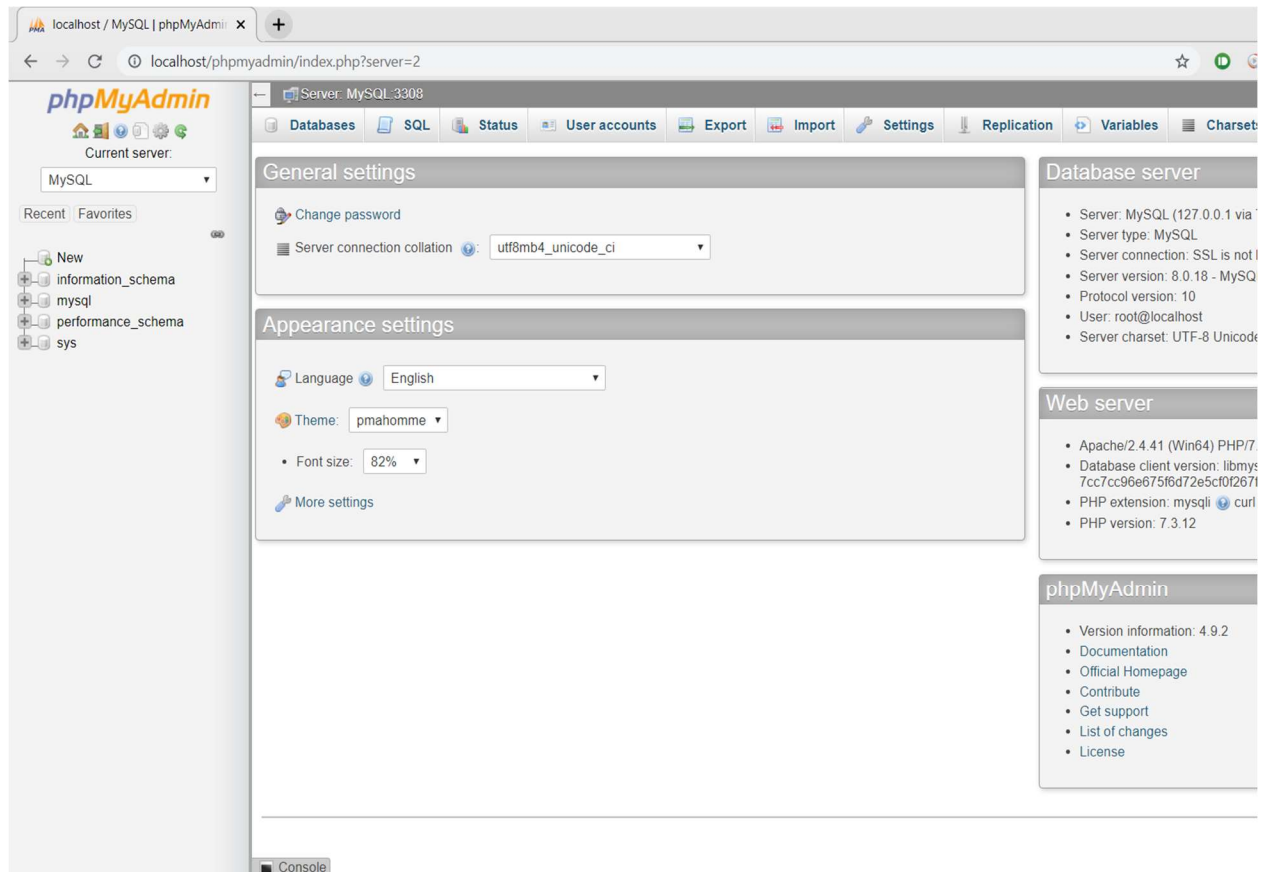
Username: root

Password:

Server Choice: MySQL

Go

Once you click on Go. You will be logged in to the MySQL database server as shown in the screenshot below.



The new version 3.2.0 of Wamp Server has changed the default port number for MySQL to 3308 from 3306

Default Port number for WAMP PHP Server to Communicate to MySQL: **3308 from WAMP Server 3.2.0**

Default Port number for WAMP PHP Server to Communicate to MariaDB: 3306 from **WAMP Server 3.2.0**

Default Port number for Apache Webserver to Communicate: **80**

Default Userid: root

Pw: (leave empty blank, don't enter anything in pw. Just bypass without entering any) directly click Go.

Please follow the default values when setting up WAMP Server with Apache Web Server and MySQL Server. Do not recommend to change the system default configuration values until you get familiar with the platform configuration files later.

However, there happen to be another instance of Apache webserver or another instance of MySQL server running on your computer when you install your WAMP server, there will be a conflict on the same port number for each Apache server or each MySQL server, then you will have to change the port numbers of your WAMP Apache server or My SQL server to a different port number. See below to change port number for Apache or MySQL server below.

For the Server Controller in PHP to Connect to MySQL in ODBC mysqli call, make sure to write the changed default port number 3308 for MySQL on WAMP as follow.

The new version of Wamp Server 3.2.0 has provided two database services at the backend, so one can use either MariaDB or MySQL. Till previous versions, this was not the case, there was only one database server – MySQL with default port number 3306. So, from the new version of WAMP server, while writing the MySQL server name/IP in the PHP script in the new version of WAMP server, they must include the port number which is 3308 in case of MySQL database connectivity.

```
$conn = new mysqli('localhost:3308', 'root', '', 'testDB');
```

Hence, one must write **`$servername = "localhost:3308"`** instead of just writing **`$servername = "localhost"`**. See a tutorial for Installation of Wamp server 3.2.0.