

WAMP INSTALLATION GUIDE

Objectives

- Install WAMP (Apache, PHP, MySQL on WINDOWS)
- Starting and configuring WAMP

1_1 Downloading VCREDIST

1. Use this [Link](#) to download the vcredist zip file. It will bring you to google drive. Download it using the **[DOWNLOAD]** button on the top right. Unzip the file and **install all of them before** installing WAMP
2. You will be required to LOG IN to your SMU google account.

1_2 Downloading WAMP

1. Download WAMP using this link <https://sourceforge.net/projects/wampserver/>. Download the latest version of WAMP Server 3. We will be using **wampserver3.3.7_x64**.
2. By default, anything you download will be in C:\Users\username\Downloads. If you have changed your download directory, please find the file named **wampserver3.3.7_x64**.

1. Right-click on the install icon, use **'Run as administrator'**.
2. If you see User account control screen. [Do you want to allow this app from an unknown publisher to make changes to your device?] Click [Yes].
3. You will see [Select Setup Language screen]. Choose English and Click [OK] to continue.

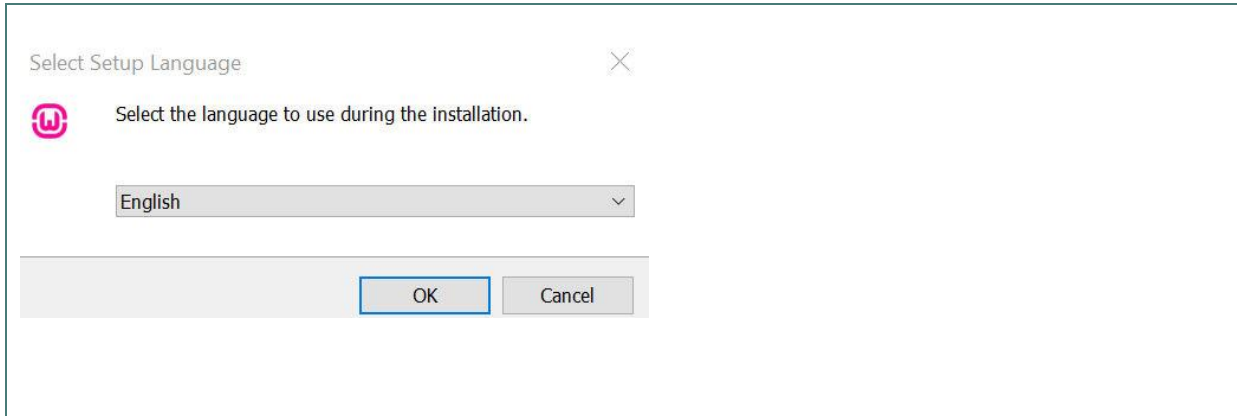


Figure 1: Select Setup Language

4. You will see license agreement screen.

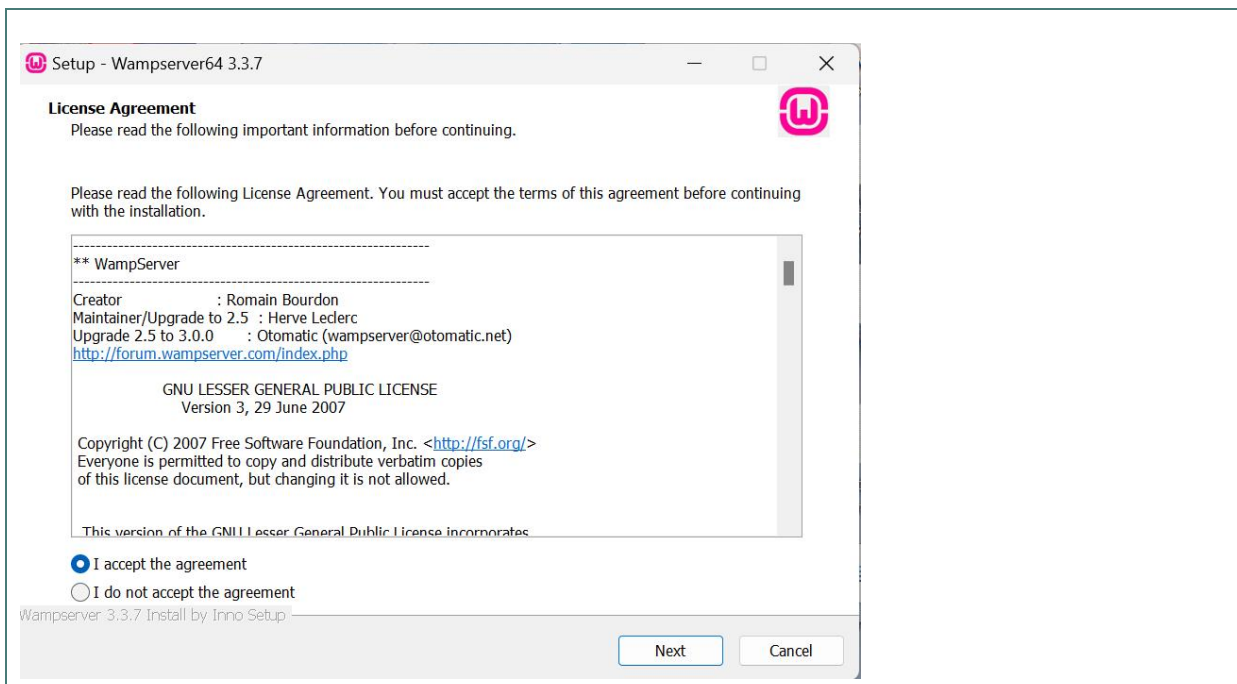


Figure 2: License agreement screen

5. Click on **[I accept the agreement]** radio button and click [Next].
6. You will see an information screen. Before clicking **[Next]** on the Setup Wizard screen that appears as shown below, do read the contents of the window. Extracted content for your reading as below. Do **ensure all steps and installations** are taken prior to installation of your Wampserver.

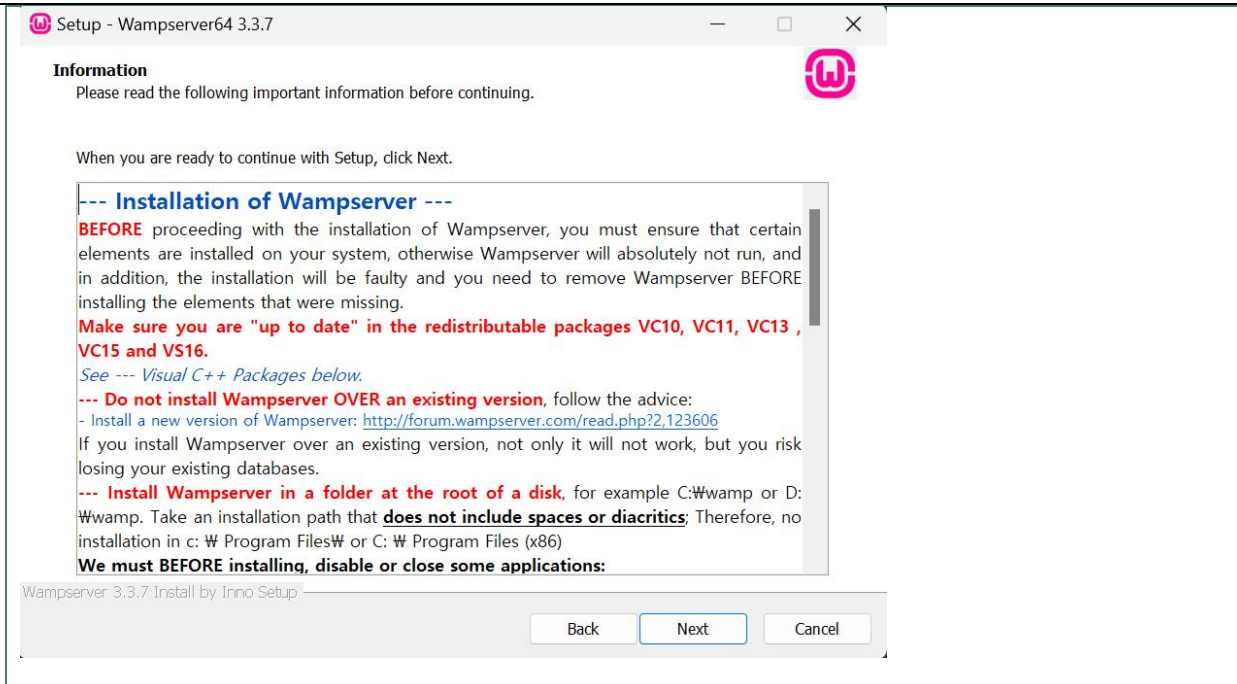


Figure 3: Information screen

--- Installation of Wampserver ---

BEFORE proceeding with the installation of Wampserver, you must ensure that certain elements are installed on your system, otherwise Wampserver will absolutely not run, and in addition, the installation will be faulty and you need to remove Wampserver BEFORE installing the elements that were missing.

Make sure you are "up to date" in the redistributable packages VC10, VC11, VC13 , VC15 and VS16.

See --- Visual C++ Packages below.

--- **Do not install Wampserver OVER an existing version**, follow the advice:

- Install a new version of Wampserver: <http://forum.wampserver.com/read.php?2,123606>

If you install Wampserver over an existing version, not only it will not work, but you risk losing your existing databases.

--- **Install Wampserver in a folder at the root of a disk**, for example C:\wamp or D:\wamp. Take an installation path that **does not include spaces or diacritics**; Therefore, no installation in c: \ Program Files\ or C: \ Program Files (x86)

We must BEFORE installing, disable or close some applications:

- **Close Skype** or force not to use port 80

Item No. 04 of the Wampserver TROUBLESHOOTING

TIPS:<http://forum.wampserver.com/read.php?2,134915>

- **Disable IIS**

Item No. 08 of the Wampserver TROUBLESHOOTING

TIPS:<http://forum.wampserver.com/read.php?2,134915>

If these prerequisites are not in place, Press the Cancel button to cancel the installation, then apply the prerequisites and restart the installation.

This program requires Administrator privileges to function properly. It will be launched with the "Run as administrator" option. If you do not want a program to have this option, cancel the installation.

--- Visual C++ Packages ---

To verify that all VC ++ packages are installed and with the latest versions, you can use the tool:

https://wampserver.aviatechno.net/files/tools/check_vcrist.exe and you will find all the packages on <https://wampserver.aviatechno.net/> in section Visual C++ Redistributable Packages

You must install each package "as an administrator", so right-click the exe file and then run as Administrator. Do not use a previously loaded tool. Make a new download to make sure you are using the correct version.

If you have a 64-bit Windows, you must install both 32 and 64bit versions of each VisualC++ package. For ease of use, see : Best way to install Visual C++ Redistributable Packages at the bottom of <https://wampserver.aviatechno.net/>

7. You will be asked to specify the Destination Location to be installed.

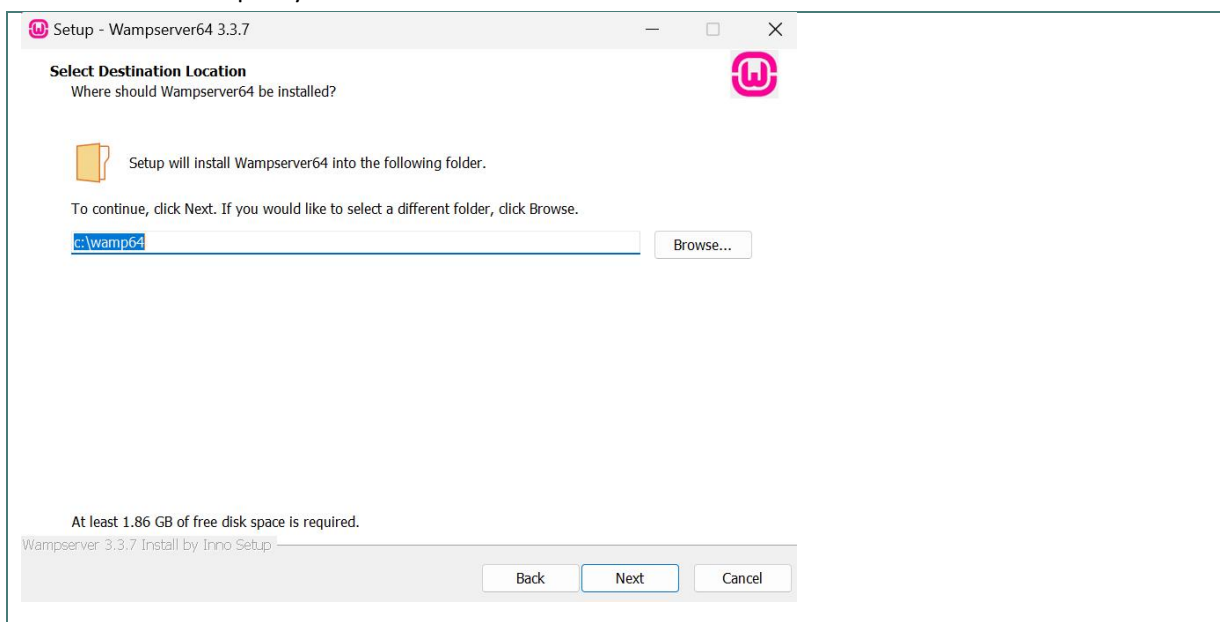


Figure: 4 Select Destination Location for installation.

8. Click [Next] to accept the default (recommended). Or [Browse] to specify your own folder but be sure to install to the root of any drive. C:\ or D:\ etc. Please remember the folder name if you choose to install in a different directory or drive.
9. Installations begins.
10. You will be asked to specify a browser. Choose Chrome as your default browser.

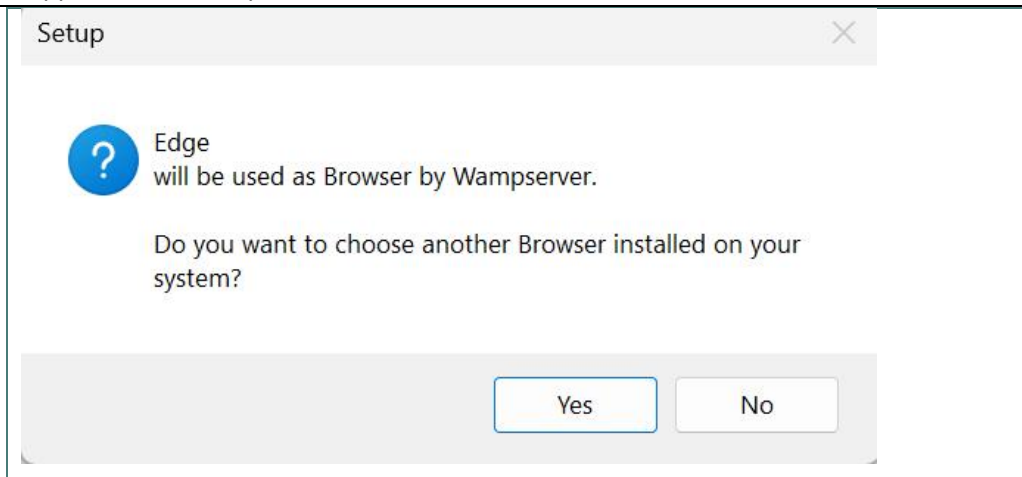


Figure 5: Select Yes to choose a new browser.

10. Select Chrome as your default browser. It is at C:\Program Files\Google\Chrome\Application\Chrome.exe **or** C:\Program Files(86)\Google\Chrome\Application.

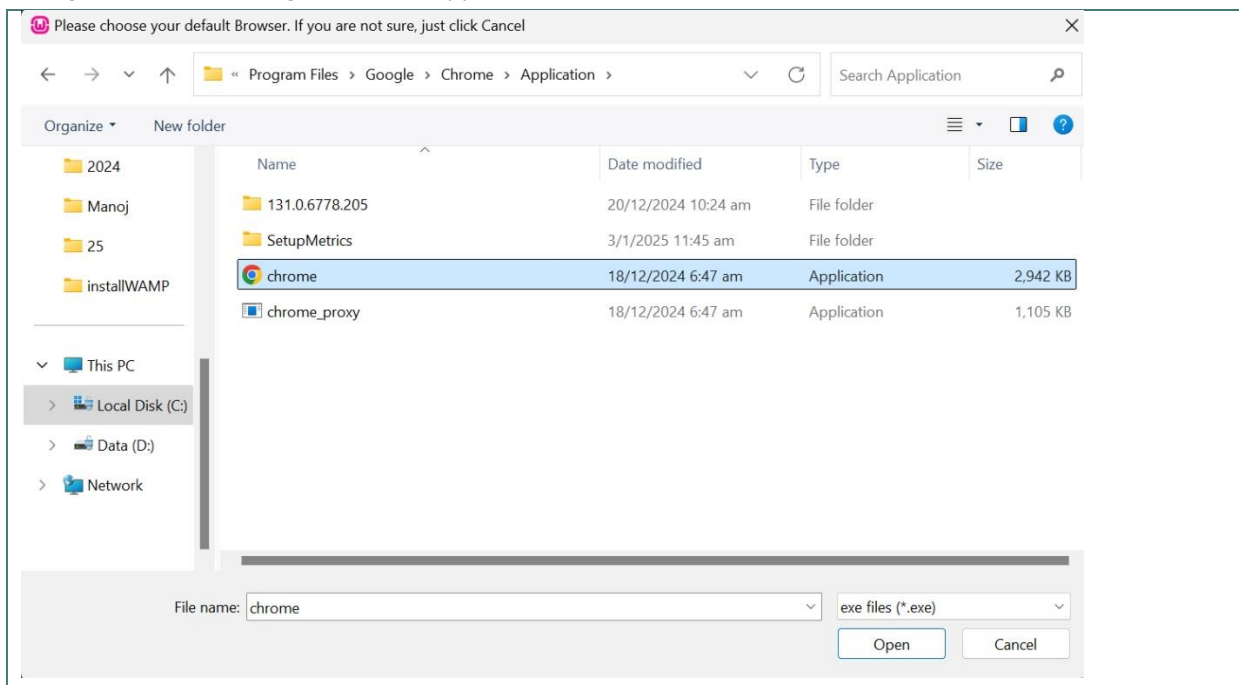


Figure 6: Select Chrome as your default browser.

11. You will be asked to select a text editor. Click [NO].

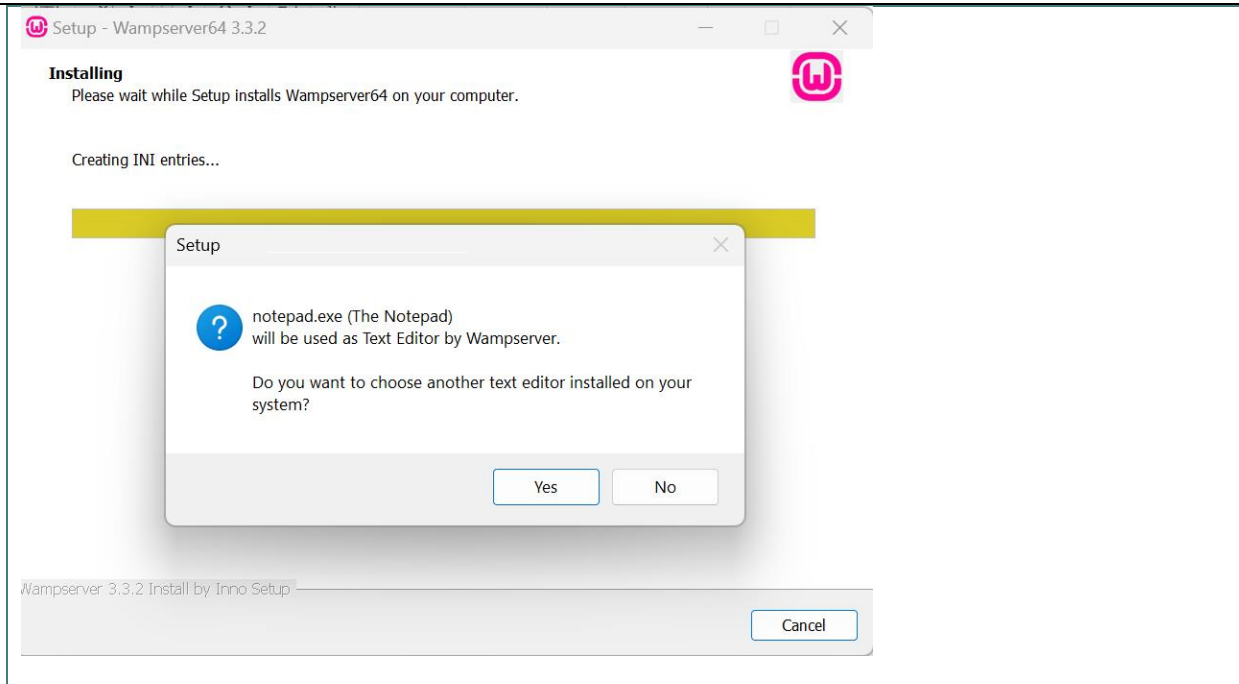
IS113 Web Application Development

Figure 7: Select No to skip the text editor.

12. There will be an information screen. Click [Next] to continue.

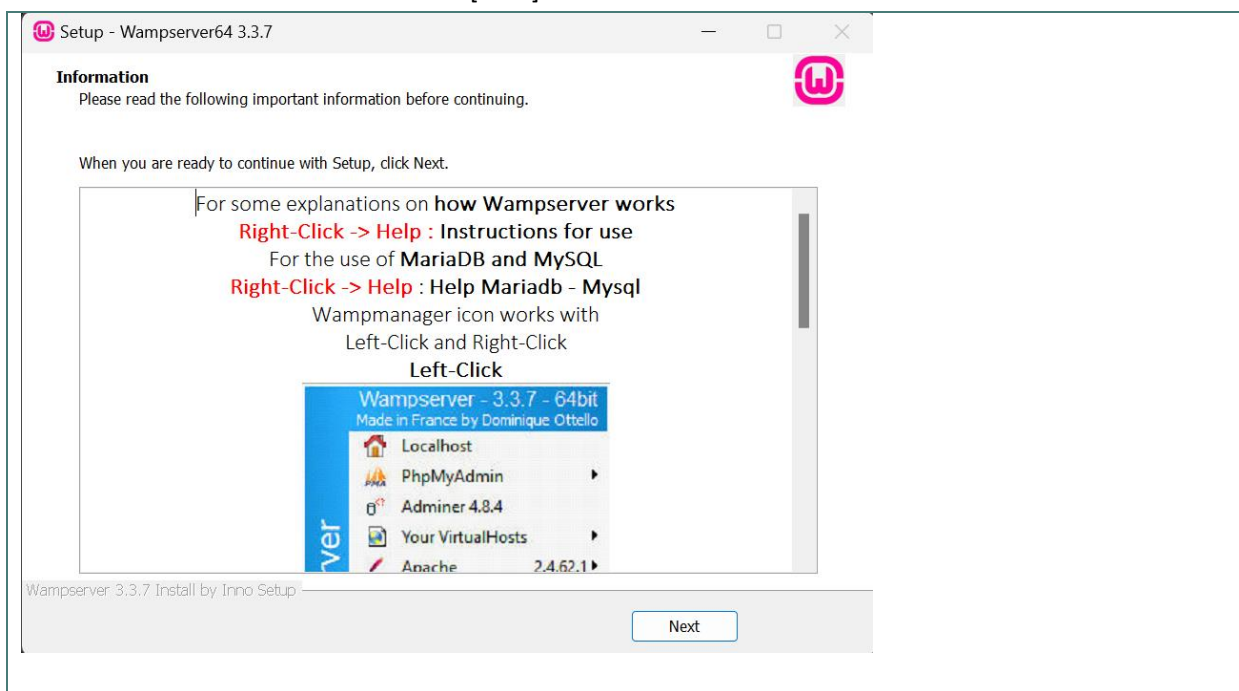


Figure 8: Information screen

13. You will see this screen when the installation is completed. Click [FINISH].

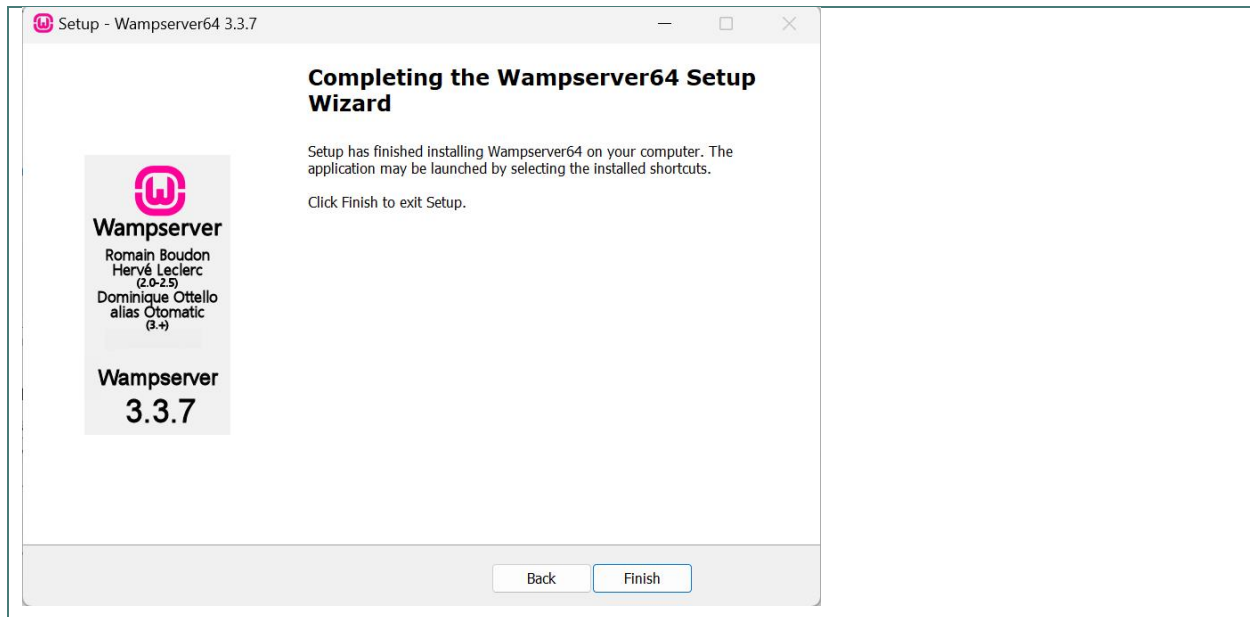


Figure 9: Installation is completed.

3_1

Starting your WAMP server

1. Double click on the WAMPSERVER64 ICON on your desktop.
2. If you see User account control screen. [Do you want to allow this app from an unknown publisher to make changes to your device?] Click [Yes].
3. You will see this when it is starting all its services.



4. When WAMP is started, you will see an [W] icon in the task bar. Click on the [up arrow] in the taskbar to show hidden icons. The [W] icon is indicated by the red arrow.

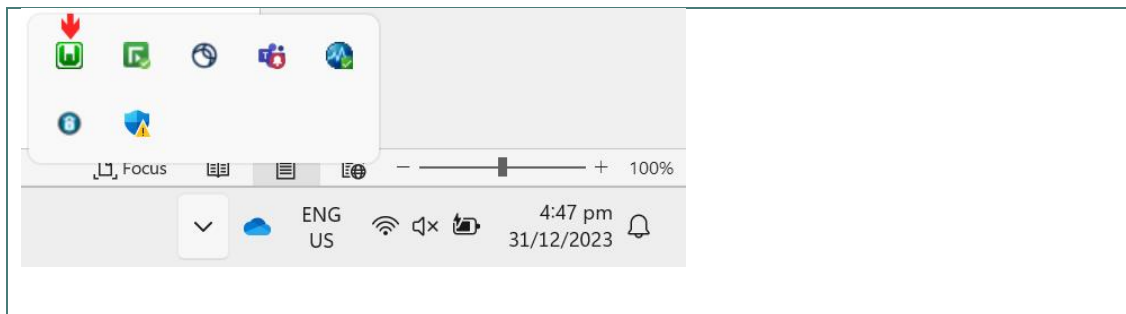


Figure 1: hidden icon in taskbar. WAMP icon is in the list of hidden icons.

5. The WAMP icon should be GREEN and when you mouse over the icon, it will say "All services are running".
6. Left click on the icon and go to **PHP->Version->8.3.14**. We are using this version of PHP.
7. Make sure MYSQL version is 9.1.0.
8. **Disable MariaDB**. Right click on WAMP Icon in the tray. **Wamp Settings -> Uncheck Allow MariaDB**.

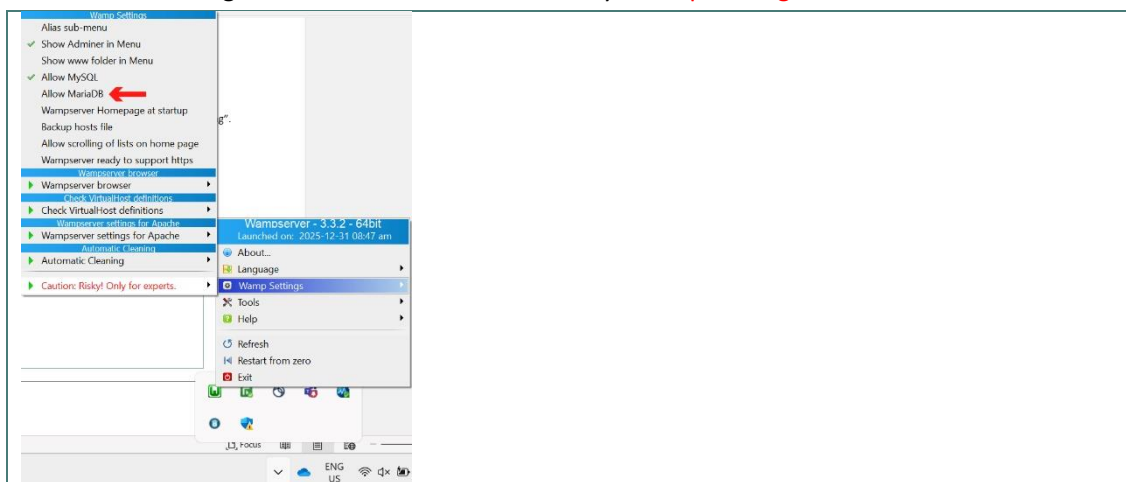


Figure 2: Disable MariaDB

9. Make sure the **DEFAULT PORT** of MYSQL is **3306**. You can change the port number by Right Click WAMP Icon -> Tools-> under port use by MySQL-> use a port Other than XXXX.
WAMP will be restarted.
10. Now check that PHP is working by left Click the [W] icon and choose **Localhost**-> Click on Link **phpinfo()** under Tools . PHP info page will show up if everything is working.

4_1

WWW Root Directory

1. Your Root directory will be in C:/wamp64/www
2. All your HTML , PHP, JS , CSS should all reside in folders within the www folder.

References

1. <http://www.wampserver.com/en/>