

# How to Install XAMPP on Ubuntu 18.04

June 5, 2019

UBUNTU XAMPP

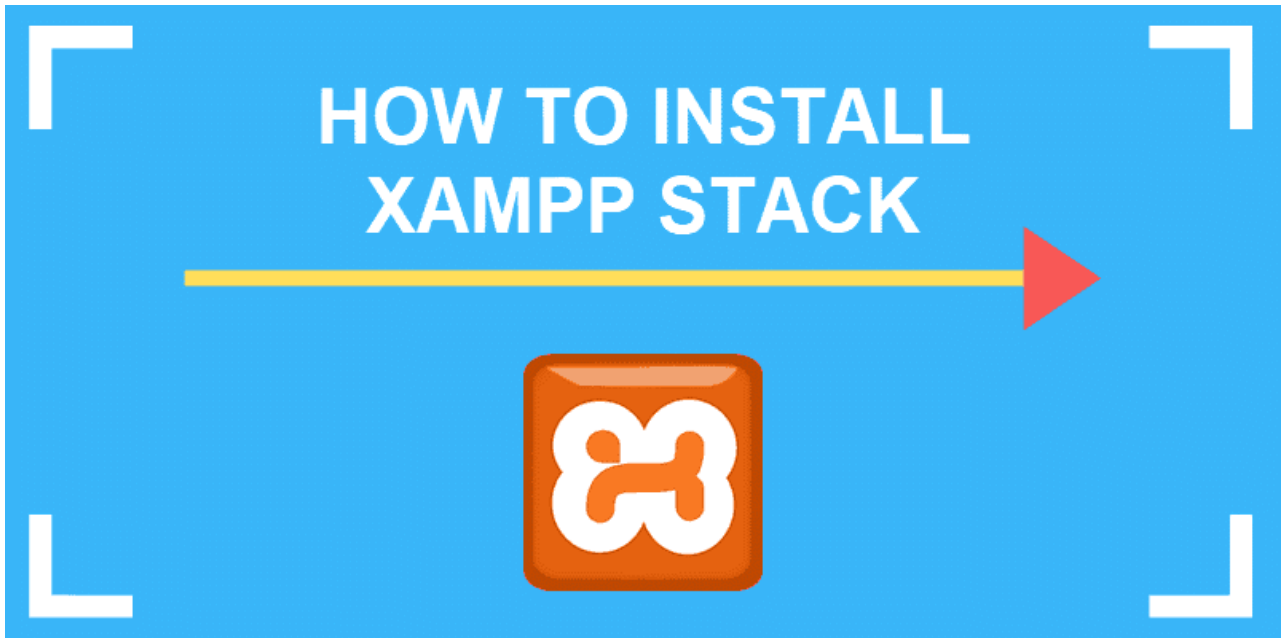
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## Introduction

The **XAMPP stack** is an open-source Apache distribution of a PHP development environment consisting of cross-platform software (**X**): Apache (**A**), MariaDB (**M**), PHP (**P**) and Perl (**P**).

Developers use the platform as a local host for testing software and webpages before transferring the data to a remote online server.

In this guide, you will find simple instructions on **how to install XAMPP on Ubuntu 18.04**. We also dive into verifying a successful installation and uninstalling the XAMPP package.



## Prerequisites

- Ubuntu 18.04 Bionic Beaver
- A user with sudo privileges
- Access to a terminal/command line
- The **apt** tool, pre-loaded in Ubuntu and other Debian-based distros

## Step 1: Download Installation Package

Before you can install the XAMPP stack, you need to download the package from the [official Apache Friends webpage](#).

Click the **XAMPP for Linux** link and **Save** the file.

**XAMPP** Apache + MariaDB + PHP + Perl

### What is XAMPP?

XAMPP is the most popular PHP development environment

XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.

Introduction to XAMPP

**Download**  
Click here for other versions

**XAMPP for Windows**  
7.4.1 (PHP 7.4.1)

**XAMPP for Linux**  
7.4.1 (PHP 7.4.1)

**XAMPP for OS X**  
7.4.1 (PHP 7.4.1)

## Step 2: Make Installation Package Executable

To run the installation process, the file permissions require modification.

To execute a program, you need to make the file executable. Open the terminal (**Ctrl+Alt+T**) and follow these instructions to do so:

1. Move into the folder where your installation package is located. By default, the system stores it in the **Downloads** folder. Navigate to Downloads using the command:

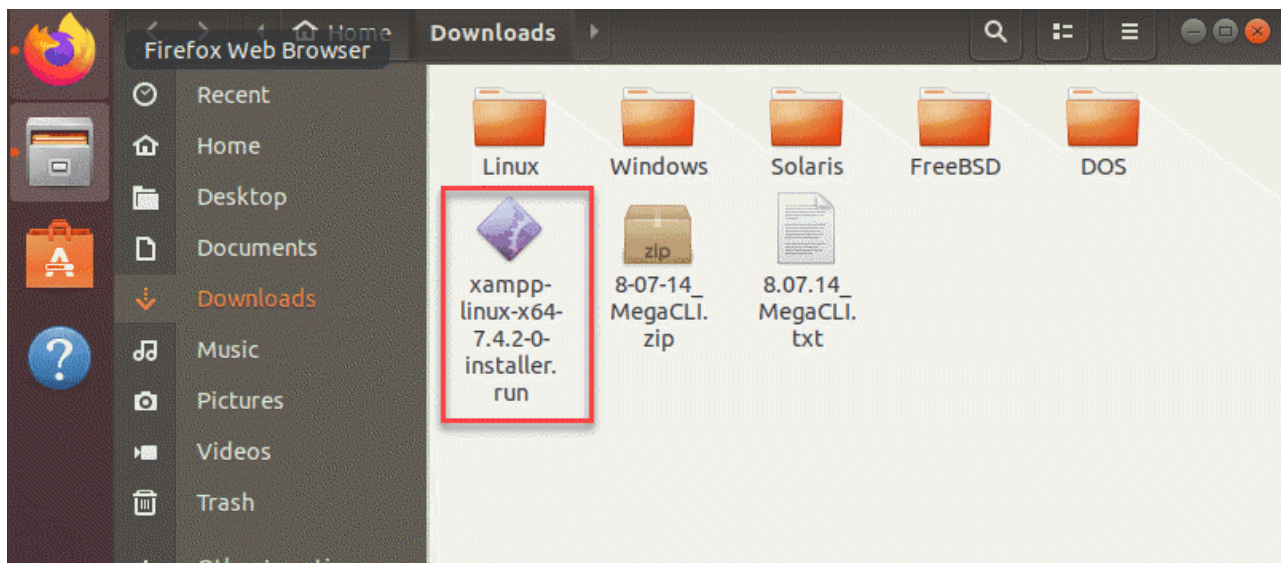
```
cd /home/[username]/Downloads
```



2. Now make the file executable by running a **chmod** command:

```
sudo chmod 755 [package_name]
```

If you navigate to the **Downloads** folder, you can find the complete package name. You need to **copy and paste** the name into the command above.



To make the latest XAMPP installation package executable, use the command:

```
sudo chmod 755 xampp-linux-x64-7.3.5.1-installer.run
```

3. The terminal does not give any confirmation nor output that you have successfully performed the previous step. However, verify you have executed the permission with the command:

```
ls -l xampp-linux-x64-7.3.5.1-installer.run
```

The output should include **rwxr -xr -x 1** followed by the name of the user who can now execute the file, as in the image below:

```
dejan@dejan-VirtualBox:~/Downloads$ sudo chmod 755 xampp-linux-x64-7.4.2-0-installer.run
dejan@dejan-VirtualBox:~/Downloads$ ls -l xampp-linux-x64-7.4.2-0-installer.run
-rwxr-xr-x 1 dejan dejan 158498068 Feb  6 14:47 xampp-linux-x64-7.4.2-0-installer.run
dejan@dejan-VirtualBox:~/Downloads$
```

## Step 3: Launch Setup Wizard

1. Now, you can run the installer and launch the graphical setup wizard with the following command:

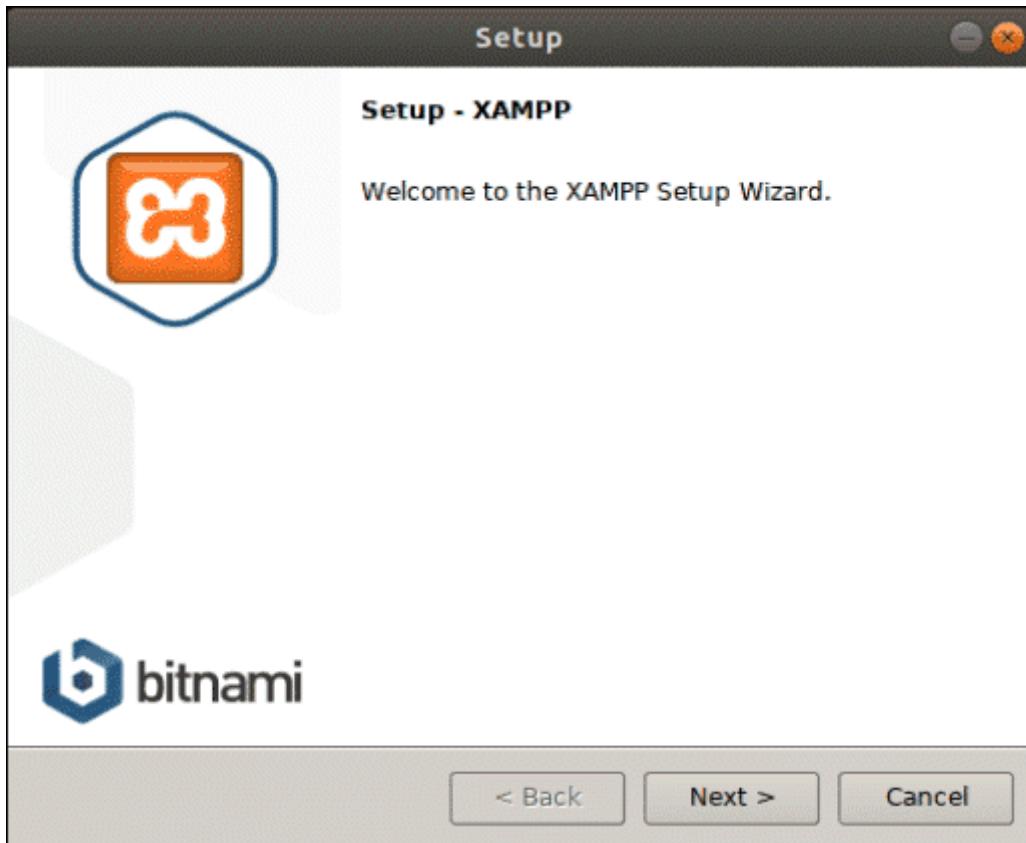
```
sudo ./[package_name]
```

In this example, the command is:

```
sudo ./xampp-linux-x64-7.3.5.1-installer.run
```

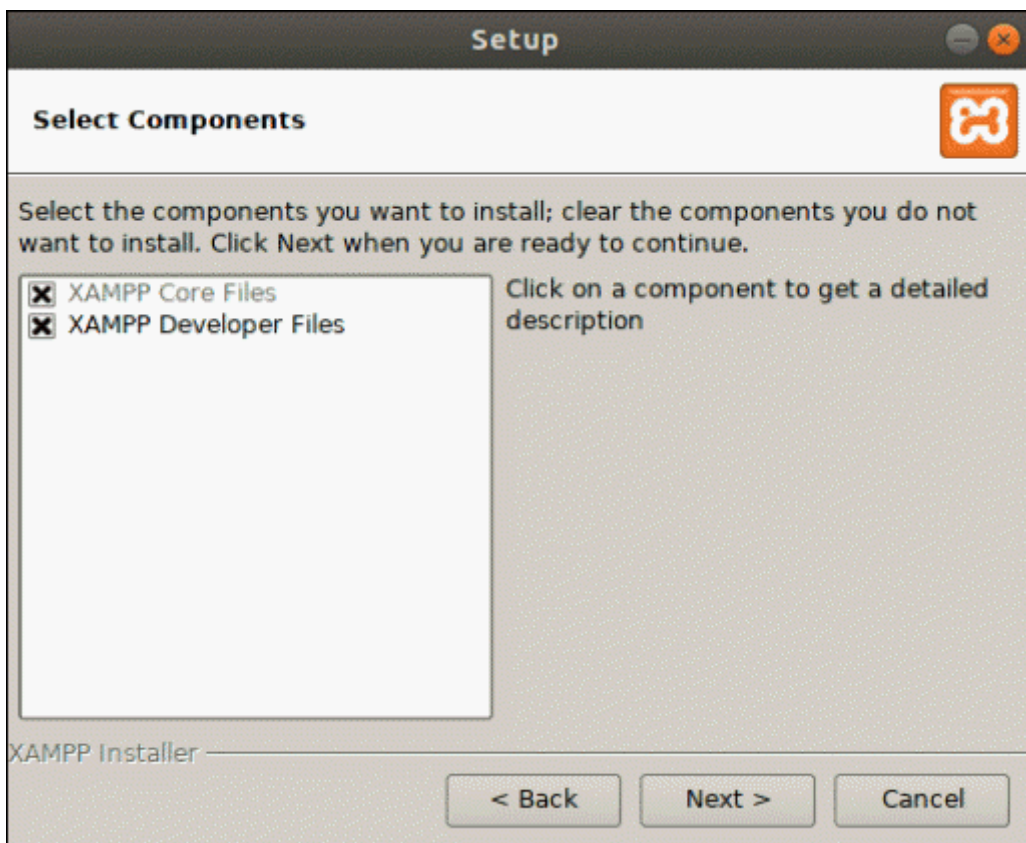
```
dejan@dejan-VirtualBox:~$ cd /home/dejan/Downloads
dejan@dejan-VirtualBox:~/Downloads$ sudo ./xampp-linux-7.4.2-0-installer.run
```

2. The XAMPP Setup Wizard opens in a new window on top of the terminal that will appear as in the following image:



## Step 4: Install XAMPP

1. Click **Next** and in the following **Select Components** dialogue, choose the components you want to install. We recommend keeping the default settings and continuing with **Next**.



2. After selecting the components, the setup wizard will show you the location where it will install the software. To proceed, click **Next**.

3. The following dialogue box offers to install sponsored applications on top of the XAMPP installation. These include packages such as WordPress, Joomla, Drupal, and others. You can deny installing additional software by unchecking the **Learn more about Bitnami for XAMPP** box.

4. Next, the wizard will notify you that it is **ready to install XAMPP** on your system. Click **Next** to start.

5. This will launch the installation process and a dialogue box showing the progress will appear on your screen.

6. The final dialogue box should display that the setup has finished installing. You can complete the process and launch XAMPP by clicking **Finish**.

## Step 5: Launch XAMPP

By clicking **Finish** in the previous step, XAMPP launches its control panel that will appear as in the image below.



Open the **Manage Servers** tab to see all the available services and their status. You can change their status by selecting **Start** or **Stop**.

## Step 6: Verify XAMPP is Running

Make sure you have successfully installed the XAMPP stack, and everything is running smoothly.

1. Verify **localhost** is working by entering the following URL in a browser:

**`http://localhost/dashboard`**

If the XAMPP dashboard page displays as in the image below, you have successfully installed the stack.

2. Next, verify whether the MariaDB service is working. To do so, open the URL:

**<http://localhost/phpmyadmin>**

The output screen for a properly working database service should appear as:

## Uninstall XAMPP


1. To uninstall XAMPP, return to the terminal and navigate to the **opt/lampp** directory with the command:

```
cd /opt/lampp
```



2. Once you are in the appropriate directory, you can uninstall XAMPP by typing the following command:

```
sudo ./uninstall
```



3. The command will prompt a dialogue box asking you whether you want to uninstall XAMPP and all of its modules. Confirm by clicking **Yes**.

After the process is complete, the output will confirm that XAMPP has been uninstalled.

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4. Finally, remove the specified directory with:

```
sudo rm -r /opt/lamp
```

## Next you should read

### Conclusion

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Yes

No

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