

# XAMPP INSTALLATION-UBUNTU

**Step 1:** Download the installation package

Official Apache Friends website: <https://www.apachefriends.org/index.html>

**Step 2:** Make Xampp package Executable

```
>> cd /home/usr/Downloads
```

```
>> chmod 755 [package name]
```

**Note:** Copy XAMPP package name from Downloads folder and replace [package name].

**Example:** `chmod 755 xampp-linux-x64-7.3.0-0-installer.run`

**Step 3:** Launch the setup wizard

```
>> sudo ./xampp-linux-x64-7.3.0-0-installer.run
```

**Note:** Root permissions are required.

**Step 4:** Xampp setup wizard

A window will pop up saying setup. Continue by pressing NEXT for every action.

**Note:** It is installed default directory **/opt/lampp**

**Step 5:** Launch Xampp and Check for running.

- A. Apache needs to be running for running PHP script.
- B. Mysql database to work with the database.

**Note: Necessary steps after installation for start, stop and restart of apache and mysql.**

1. `sudo /opt/lampp/lampp start`
2. `sudo /opt/lampp/lampp stop`
3. `sudo /opt/lampp/lampp restart`
  
4. `sudo /opt/lampp/lampp startmysql`
5. `sudo /opt/lampp/lampp stopmysql`
6. `sudo /opt/lampp/lampp restartmysql`

**Step 6:** Open the Firefox/Chrome browser and Surf:

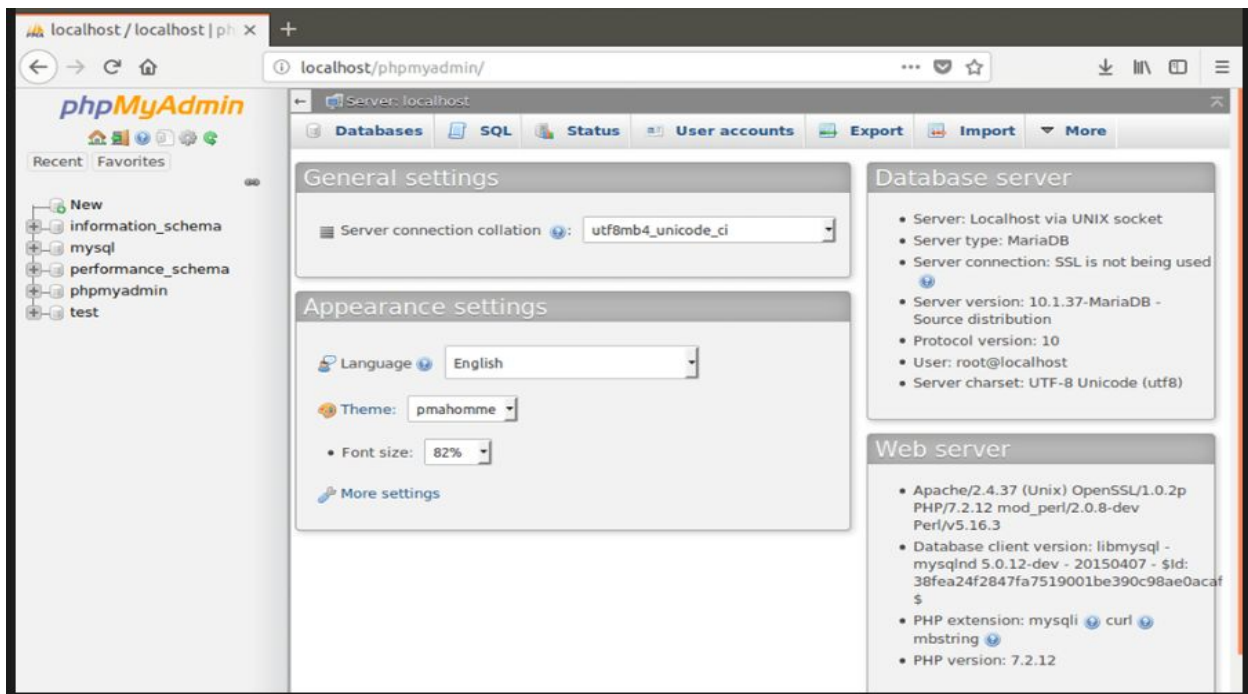
**Note:** Appearance of the dashboards attached below assures the correct installation of xampp.

Make sure to stop the apache server and mysql database before closing the application.

localhost → to run the PHP scripts



localhost/phpmyadmin/ → To view all the databases.



# POSTGRESQL INSTALLATION

## Open the terminal:

```
>> sudo apt-get update  
>> sudo apt-get install postgresql postgresql-contrib
```

## Running the sql script on postgresQL

```
>> go to the current working directory  
>> sudo su postgres  
>> psql -af file_name.sql
```

-----End-----

# XAMPP INSTALLATION-WINDOWS

**Step 1:** Download the installation package

Official Apache Friends website: <https://www.apachefriends.org/index.html>

**Step 2:** Double-click the file to run the installer.

**Step 3:** Click the OK button on the warning to continue.

**Step 4:** Click the Next button. XAMPP offers a variety of components that you can install, such as MySQL, phpMyAdmin, PHP, Apache, and more. For the most part, you will be using most of these components, as such it's recommended to leave the default options and click the Next button.

**Step 5:** Use the default install location settings, or choose another folder to install the software, and click the Next button.

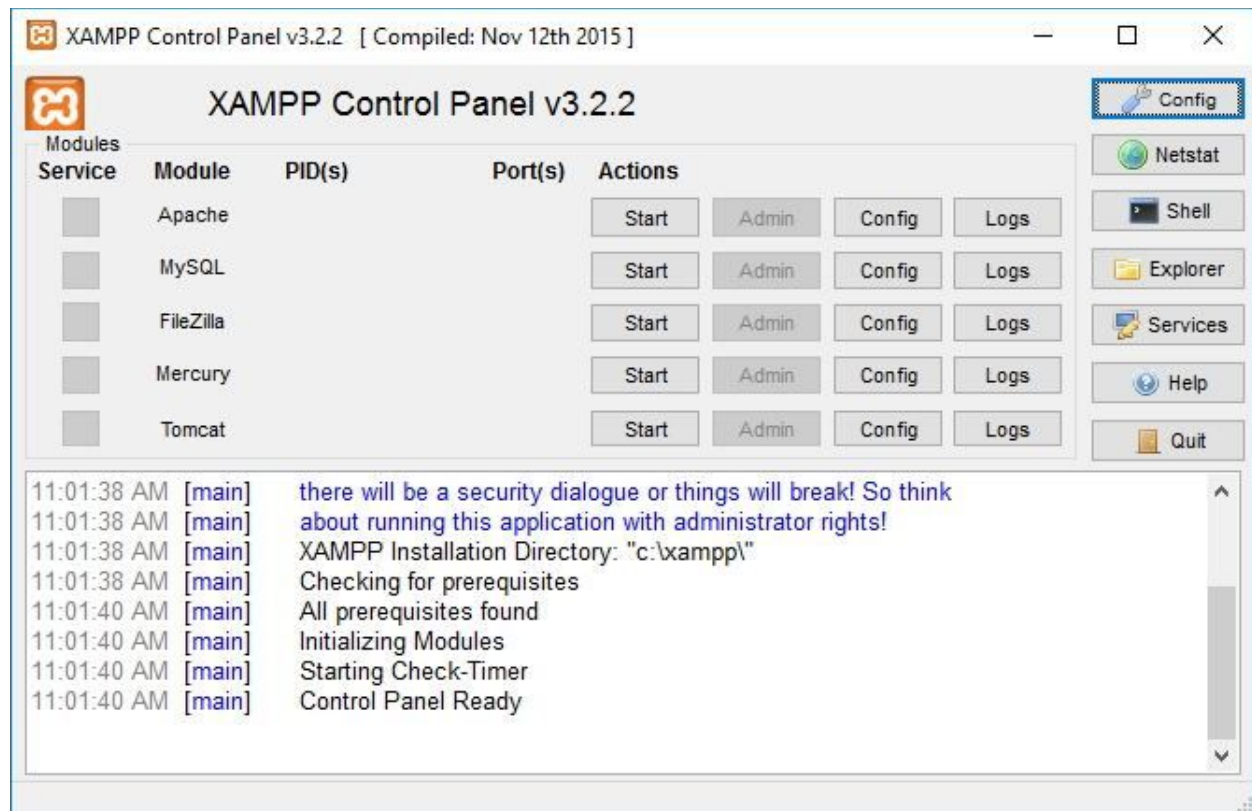
**Step 6:** Clear the Learn more about Bitnami for XAMPP option.

**Step 7:** Click the Next button and Click the Allow access button to allow the app through the firewall (if applicable).

**Step 8:** Click the Finish button.

**Step 9:** Click the Save button. Once you've completed the steps, the XAMPP Control Panel will launch, and you can begin the web server environment configuration as shown below.

**Note:** Please Stop the apache server and mySQL, if not using.



## POSTGRESQL INSTALLATION

**Step 1:** Download and run the [Windows PostgreSQL one click installer](#).

**Step 2:** If given the option, install PostgreSQL as a Windows Service. Recent installers install the Windows Service by default.

**Step 3:** Keep track of the **PostgreSQL Windows Service** account name and password. LabKey Server doesn't really care what this password is set to, but we need to ask for it so that we can pass it along to the PostgreSQL installer.

**Step 4:** Keep track of the **database superuser** name and password. You'll need these to initially create the labkey database, the labkey database user, and grant that user the owner role.

**Step 5:** Select the PL/pgsql procedural language for installation if prompted by the installer.

**Step 6:** We recommend that you install the graphical tool pgAdmin 4 for easy database administration. Leave the default settings as they are on the "Installation Options" page to include pgAdmin.

**Other Link:** <https://www.guru99.com/download-install-postgresql.html>