Installing XAMPP

Firstly, you will need to download and install the software appropriate to your system from www.apachefriends.org.

Ensure that any other Apache installations are not running, and also any other programs that use port 80 by default (Skype, for example).

Windows

I would suggest the default installation location (i.e. C://XAMPP). Don't forget to install with administrator privileges (this privilege request is automatic by default).

Once installation has completed, deselect the "Run XAMPP" checkbox and finish the installation.

All Versions of Windows:

1. Navigate to your installation folder (C://XAMPP by default) and find the file named xampp-control.exe
2. Right click xampp-control.exe and select properties
3. In the "Compatibility" tab, check the box which says "Run As Administrator"
4. Click "Apply" and then "OK"

Windows 10 Only:

1. Open cmd.exe as an administrator - to do this, search for the cmd.exe program, and then right click, and select "Run As Administrator"
2. Type "netsh http add iplisten ipaddress=::" into the command window. This will tell http.sys to bind only to IPv6
3. Type "sc config w3svc start= disabled" into the command window. This will disable world wide web publishing services from running automatically.
4. Type "net stop w3svc" into the command window. This will stop the current process of world wide web publishing services.

With the above steps completed, run XAMPP. You should be able to successfully run both the Apache and MySQL modules by clicking the "Start" button next to each module. You can test that both are working by ensuring that there are no errors in the console and by opening your browser and typing localhost. This should bring you to the XAMPP dashboard which shows that Apache is working. Next, follow the phpMyAdmin navigation link on the top right. If you are brought to the dashboard for databases, then your MySQL module is also working and you are completely ready to go.

UNIX Systems (Mac OS X and Linux)

You will need to open the Terminal application before installing XAMPP on your computer. Type "sudo chmod +x" and then drag the installation file onto your Terminal to automatically add the file name of your installation file. You will need to type in your password to obtain administrator rights to execute the line (this request will trigger automatically). Run the installer by typing "sudo" and then dragging file onto your terminal window again and follow the installation instructions until XAMPP is installed.

Troubleshooting for Linux & Mac

If you receive any of the following errors when starting or using XAMPP, follow the respective steps to resolve it:

Error: "Cannot restore segment port after relocation: Permission denied?"

Resolution: "sudo /usr/sbin/setenforce 0" into terminal