

How to install XAAMP Server

To get started with running your website on the SMRT Innovation Hub, the first step is to install the XAMPP server. Follow these step-by-step instructions to set up XAMPP on your system:

1. Download XAMPP:

- Go to the Apache Friends website (<https://www.apachefriends.org/index.html>) and navigate to the downloads section.
- Choose the appropriate version of XAMPP for your operating system (Windows, macOS, Linux) and download the installer file.

2. Install XAMPP:

- Once the download is complete, locate the installer file and double-click to launch the installation wizard.
- Follow the on-screen instructions to install XAMPP. You may be prompted to choose components such as Apache, MySQL, PHP, and others. Select the components required for your website development.

3. Choose Installation Directory:

- During the installation process, you will be asked to choose a directory where XAMPP will be installed. The default directory is usually "C:\xampp" on Windows, "/Applications/XAMPP" on macOS, and "/opt/lampp" on Linux. You can choose a different directory if needed.

4. Start XAMPP:

- Once the installation is complete, launch the XAMPP Control Panel from the installation directory or using the desktop shortcut.
- Start the Apache and MySQL modules by clicking the "Start" buttons next to their names in the XAMPP Control Panel. This action will start the web server (Apache) and the database server (MySQL).

5. Verify Installation:

- Open a web browser and enter "http://localhost" in the address bar. If XAMPP is installed correctly, you should see the XAMPP dashboard, indicating that Apache and MySQL are running.

6. Import Website Files:

- Once XAMPP is up and running, you can import your website files into the "htdocs" directory inside the XAMPP installation directory. This directory serves as the root directory for your local web server.

7. Access Your Website:

- To access your website, open a web browser and enter "http://localhost/your_website_folder" in the address bar, replacing "your_website_folder" with the name of the folder containing your website files.

By following these steps, you should have XAMPP installed and your website up and running locally on your system. This setup allows you to develop and test your website before deploying it to a live server.