



Step 1: Download XAMPP

Start off by [downloading the latest version of XAMPP](#) from Apache Friends website. The current up-to-date version of XAMPP is 7.3.8 / PHP 7.3.8.

Apache Friends

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Download

XAMPP is an easy to install Apache distribution containing MariaDB, PHP, and Perl. Just download and start the installer, it's that easy.

XAMPP for Windows 7.1.31, 7.2.21 & 7.3.8

| Version | Checksum | Size |
|---------------------|----------|--------|
| 7.1.31 / PHP 7.1.31 | md5 sha1 | 144 Mb |
| 7.2.21 / PHP 7.2.21 | md5 sha1 | 148 Mb |
| 7.3.8 / PHP 7.3.8 | md5 sha1 | 149 Mb |

Documentation/FAQs

There is no real manual or handbook for XAMPP. We wrote the documentation in the form of FAQs. Have a burning question that's not answered here? Try the Forums or Slack Overflow.

- Linux FAQs
- Windows FAQs
- OS X FAQs
- OS X XAMPP-VM FAQs

Add-ons and Themes

Note: If you're using Linux or OSX, the installation steps are pretty much the same. Just make sure to download the appropriate version of XAMPP for your OS.

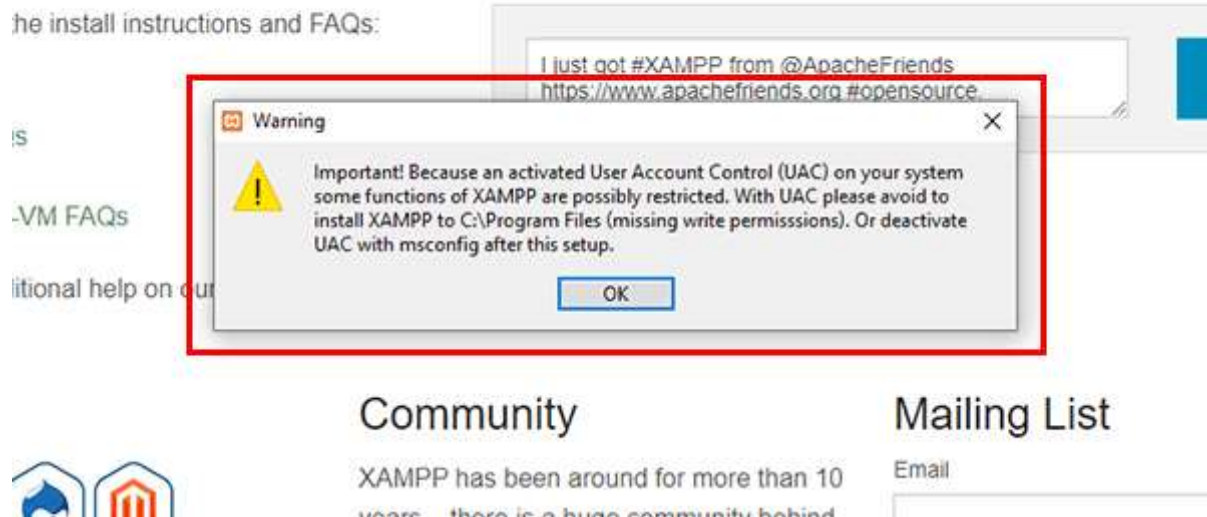
Step 2: Install XAMPP

Once downloaded, run the XAMPP installer file.

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The XAMPP Setup Wizard

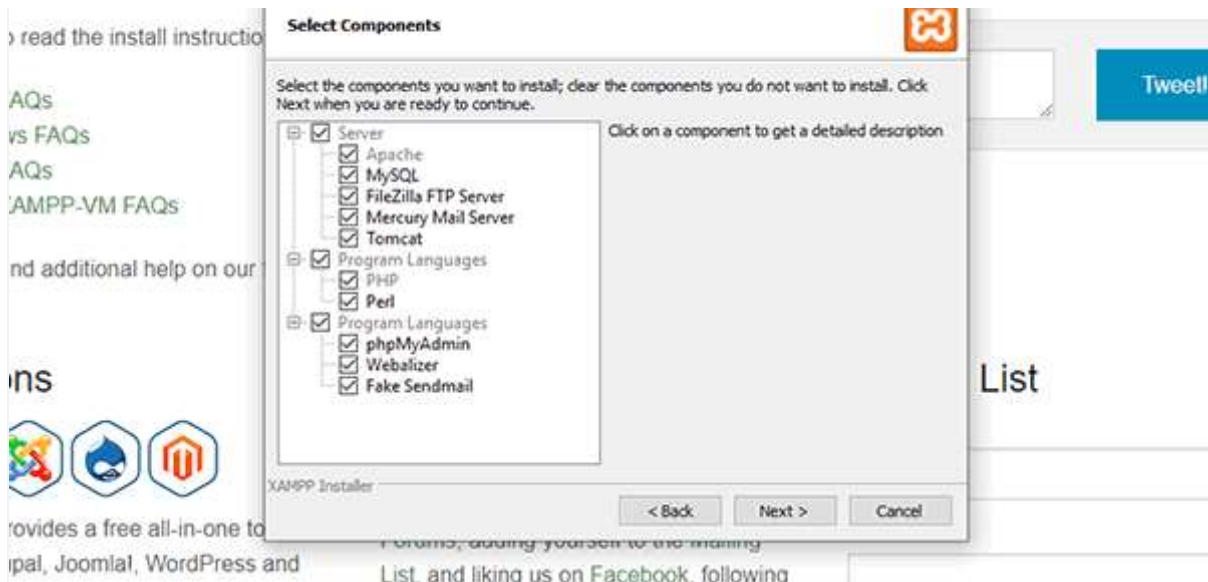
Tell Your Friends about XAMPP



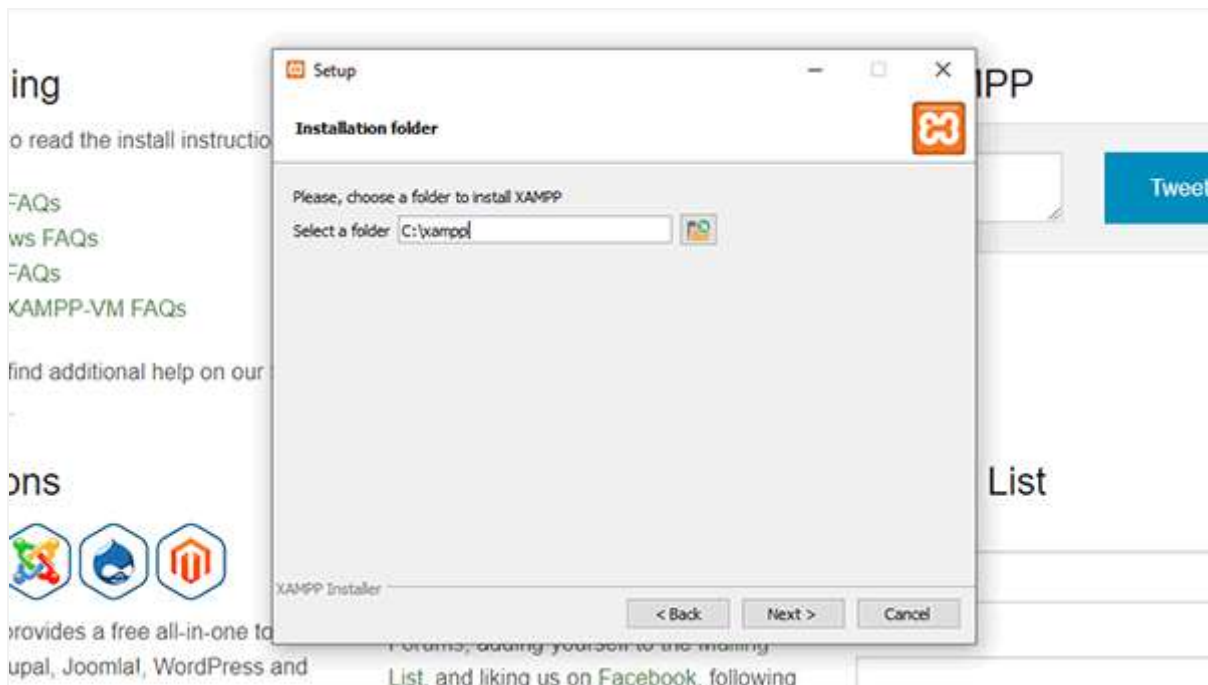
You might get a UAC warning before installation. Click OK and continue.

Select the components you want to install. If you're planning to install a WordPress site with XAMPP, you only need *Apache*, *MySQL*, *PHP*, and *phpMyAdmin*. I'll check all the components as I'd like to experiment with them later.

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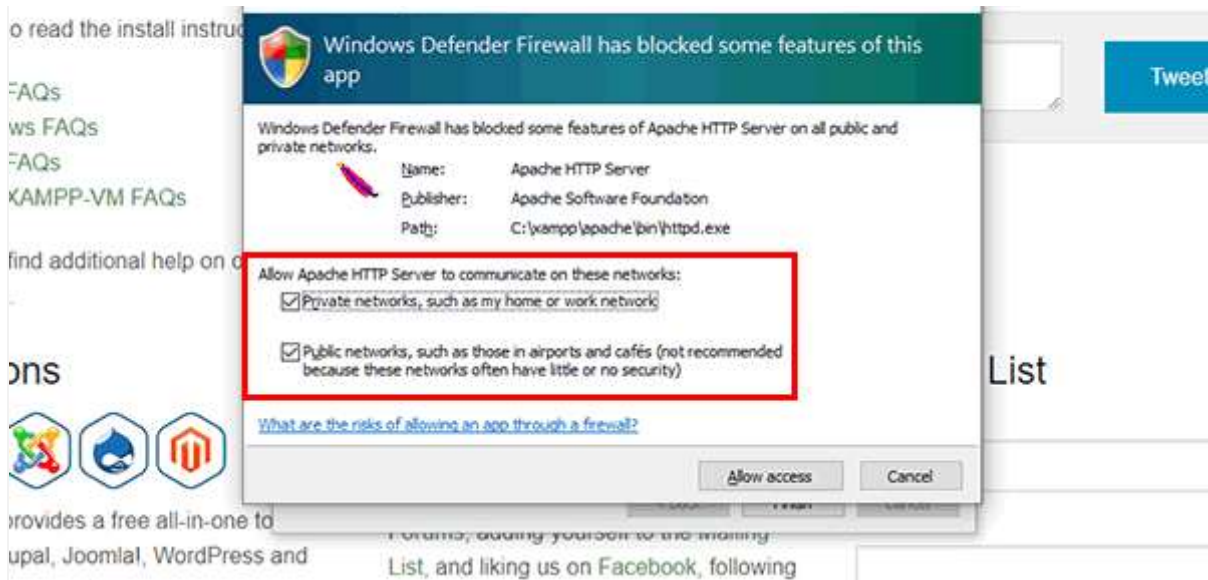


Choose the installation directory for XAMPP (default recommended).



Uncheck *Learn more about Bitnami* option. Bitnami provides all-in-one tools to install popular open source apps on top of XAMPP. This includes add-on modules for installing WordPress too. However, we'll be installing it manually here.

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You may be presented with a *Windows Security Alert* at the end of the installation. You need to whitelist *Apache HTTP Server* from your *Windows Defender Firewall* by clicking the *Allow access* button. Make sure to check the "*Private networks, such as my home or work network*" option. This is very important. XAMPP won't work if you don't check this and click *Allow access*.

Complete the setup and run *XAMPP Control Panel*.





important. Just make sure that you don't install XAMPP under your `Program Files` directory, as UAC can interfere with XAMPP's writing permissions to this directory. The default installation directory is `C:\xampp`. So, if you don't change it, you should be good.

If you want to learn [how to deactivate UAC](#) (not recommended unless absolutely necessary), Microsoft Windows support is a good place to start.

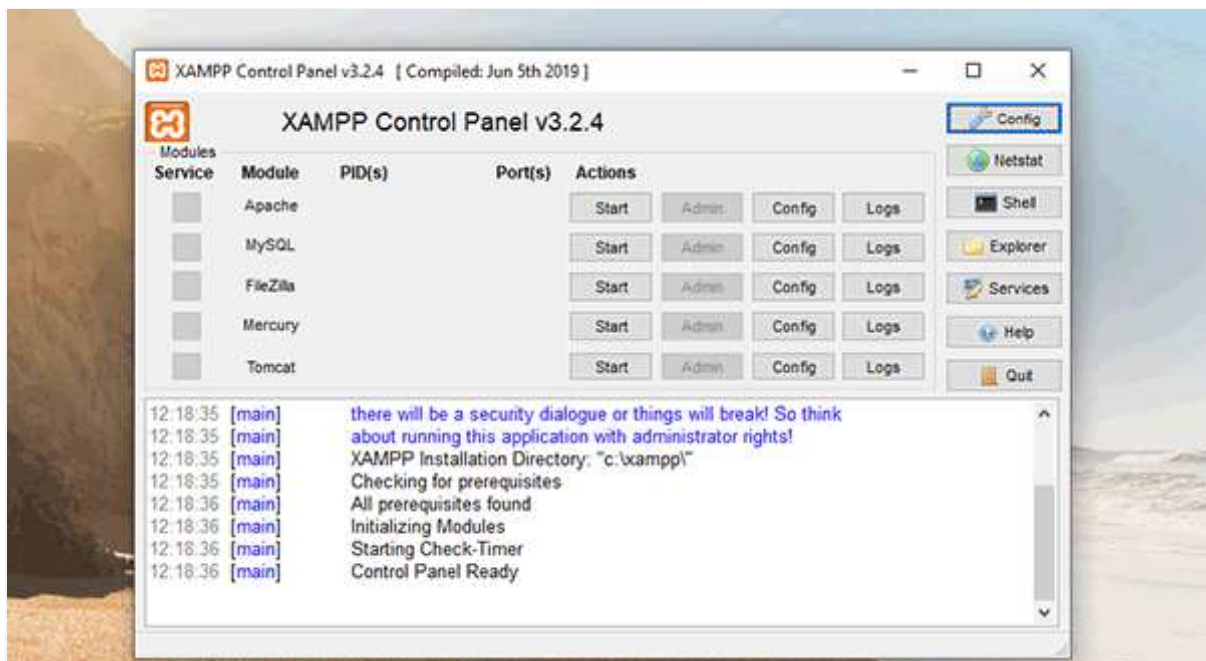
Installation Note 2: Deactivate Antivirus and/or Firewall Temporarily

Some antivirus or firewall programs can cause issues with your XAMPP installation. If that's the case, it's suggested that you deactivate them temporarily until XAMPP is installed successfully.

Read the [XAMPP Windows FAQs](#) page for more.

Step 3: Open the XAMPP Control Panel

The XAMPP Control Panel sports a simple user interface that lists all the modules of your local server. It allows you to *Start/Stop* individual modules, access their *Admin* area, *Config* files, and *Logs* with just a single click. Its bottom section also displays all your actions and errors (if any).



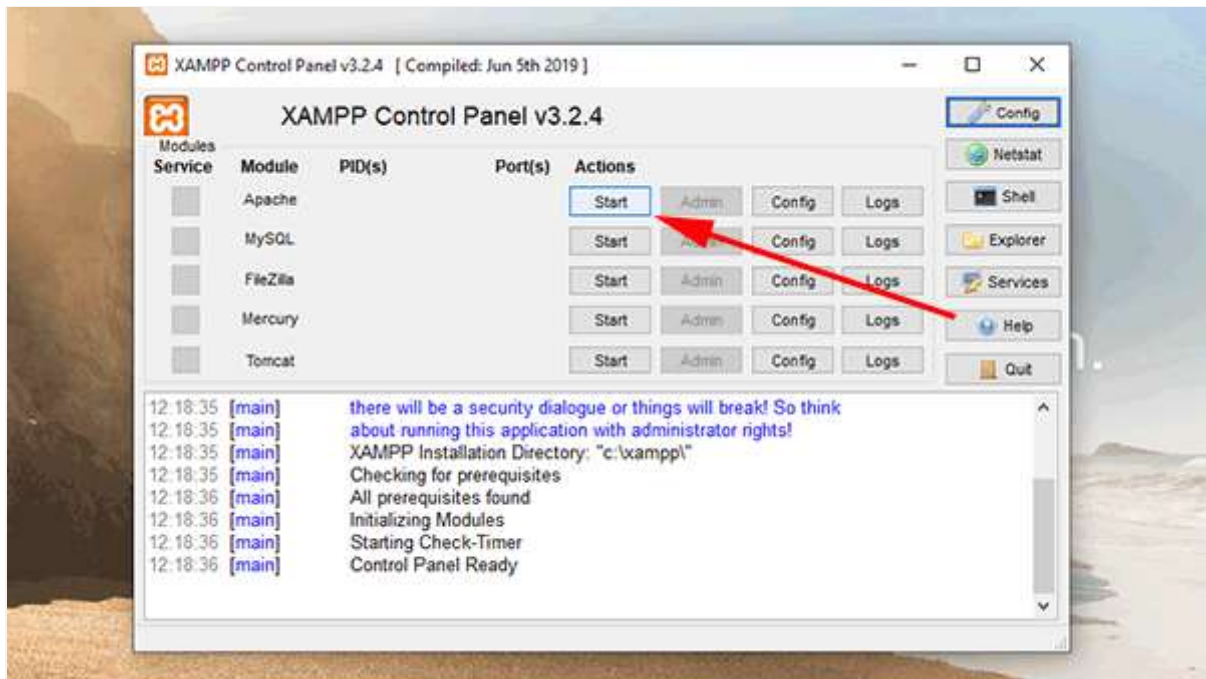
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- **Config:** to configure overall XAMPP settings
- **Netstat:** display all active TCP connections (and ports) on your computer
- **Shell:** starts XAMPP in a custom command line (CMD)
- **Explorer:** opens the XAMPP root folder in Windows Explorer
- **Services:** shows all Windows services under Microsoft Management Console
- **Help:** links to Apache Friends Support Forum
- **Quit:** quit XAMPP Control Panel (the server will continue to run in the background)

Step 4: Start Apache and MySQL Modules

Click the *Start* button beside Apache module. If everything's set correctly, your Apache server should start successfully under ports 83 and 443.

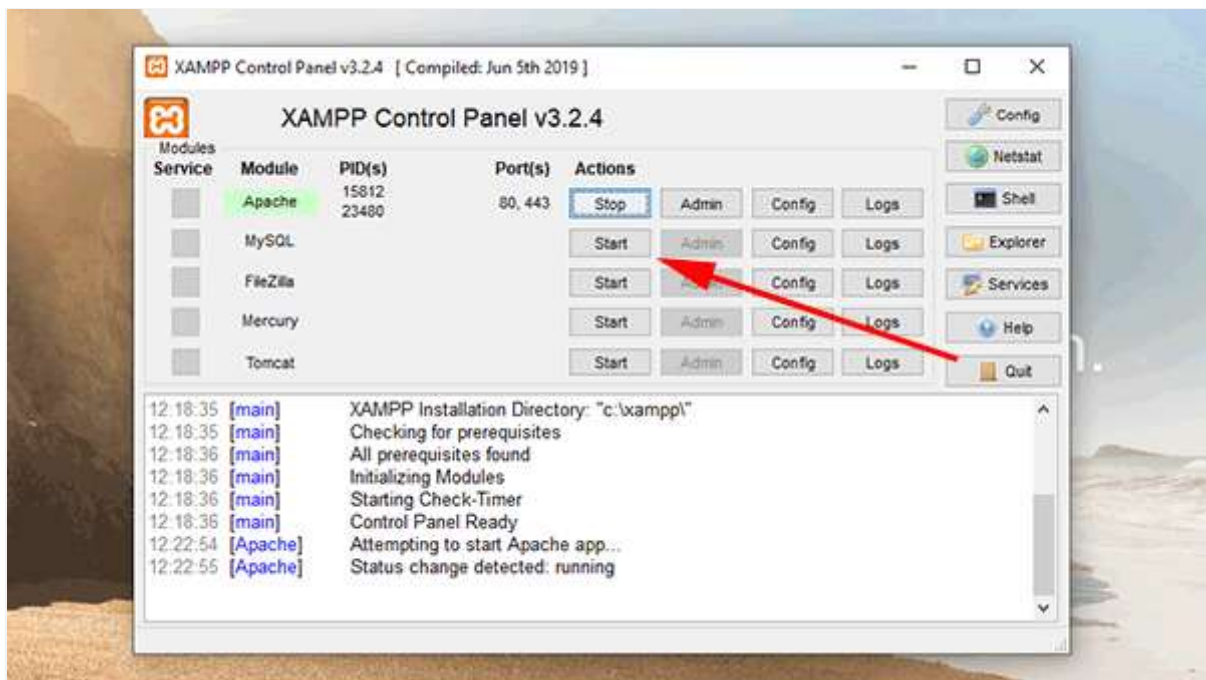


You can access your Apache server's dashboard by clicking the *Admin* button beside it. Alternatively,

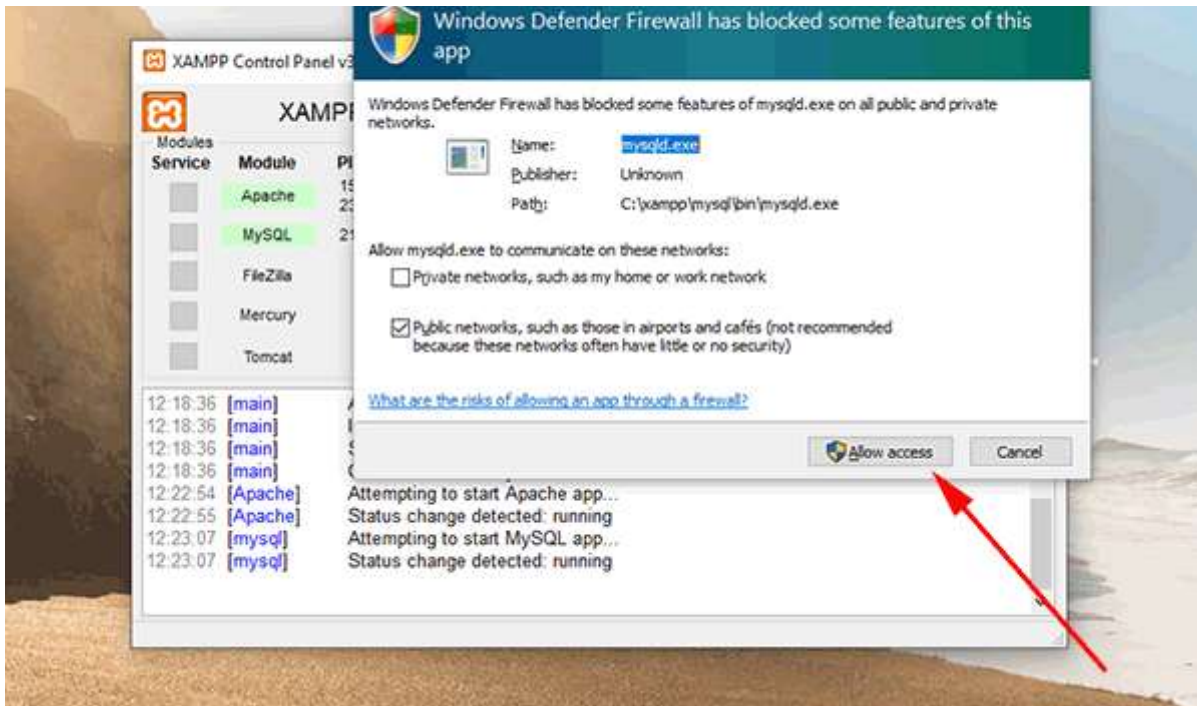
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Then *Start* the MySQL module. If you're presented with a Windows Security Alert to whitelist *mysqld.exe*, click *Allow* access. Like before, make sure that you've ticked the "*Private networks,...*" option.

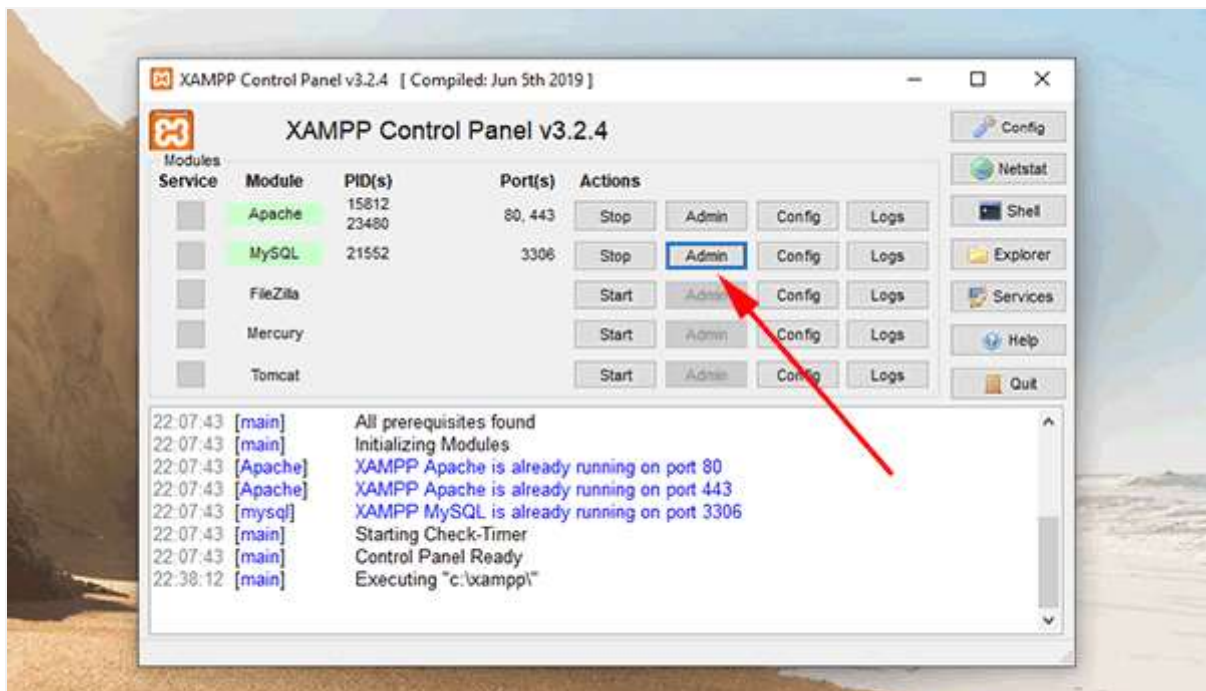


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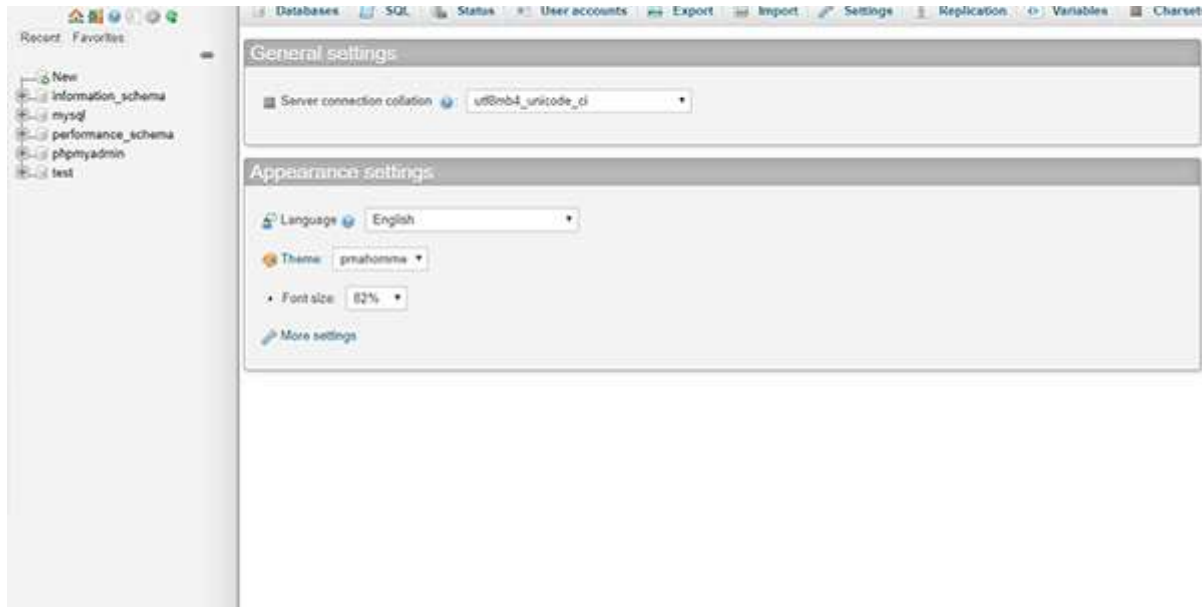


Don't forget to tick the "Private networks" option.

You can access your phpMyAdmin dashboard by clicking the *Admin* button beside MySQL module. Or you can simply go to <http://localhost/phpmyadmin/> in your browser. Here, you can manage the MariaDB (or MySQL) databases of your web projects.



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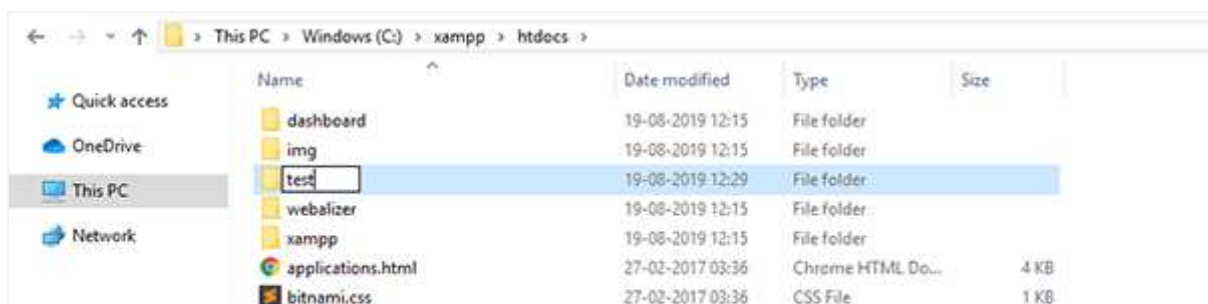
The phpMyAdmin Dashboard

This concludes the setup of XAMPP as your local development environment. It's now ready to host any PHP-based software (e.g. WordPress).

Testing Your XAMPP Installation

The best way to check whether your local server has been installed and configured correctly is to create a *PHP test page*, place it in XAMPP's localhost folder, and then try accessing it via your browser.

Let's do that now. Create a new folder called *test* in your `C:\xampp\htdocs\` directory. This directory can also be accessed easily by clicking the *Explorer* button in XAMPP Control Panel and then going to *htdocs* folder.



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| This PC > Windows (C:) > xampp > htdocs > test | | | |
|--|------------------|-----------------|------|
| Name | Date modified | Type | Size |
| test.php | 19-08-2019 12:09 | PHP Source File | 1 KB |

```
1 <html>
2 <head>
3   <title>PHP-Test</title>
4 </head>
5 <body>
6   <?php echo '<h1>Hello World!</h1><h3>Welcome to WPMU DEV</h3>'; ?>
7 </body>
8 </html>
```

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8 </html>
```

test.php hosted with ❤ by GitHub

[view raw](#)

Try visiting <http://localhost/test/test.php> in your browser. If it displays the words “Hello World! Welcome to WPMU DEV”, then XAMPP is successfully installed and configured on your system.



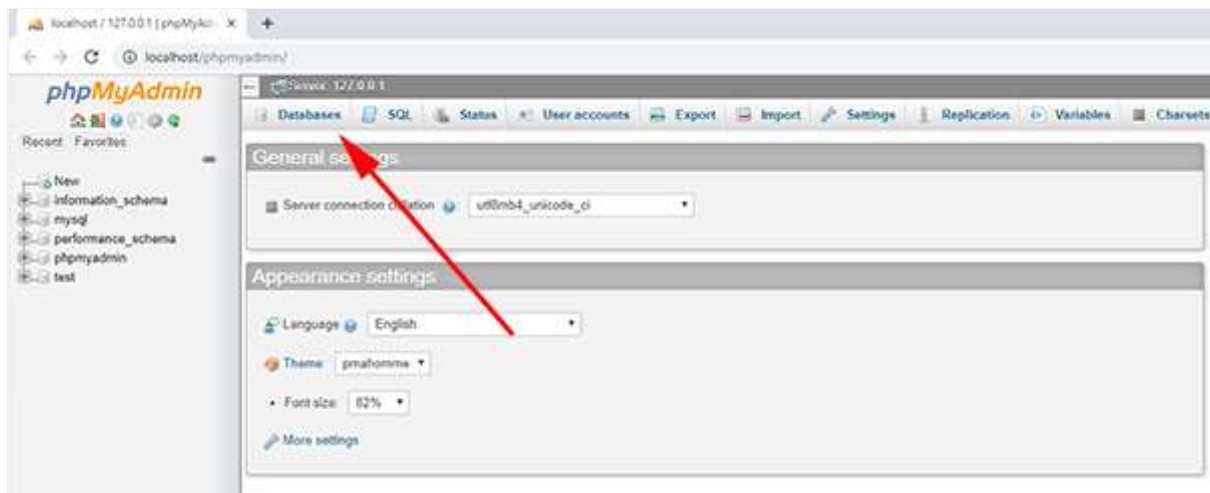
Installing WordPress Locally with XAMPP

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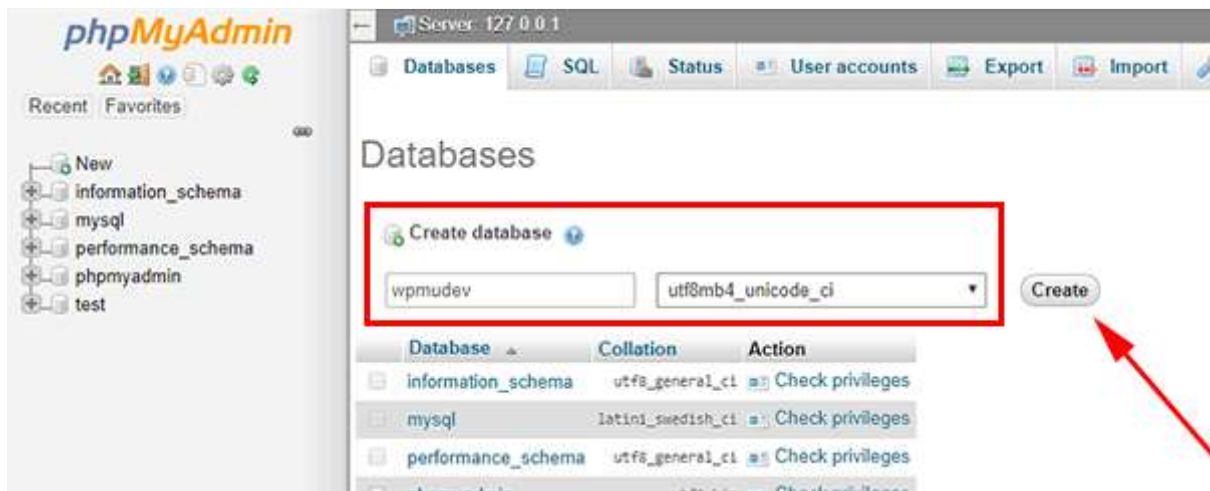


Before we install WordPress, we need a database.

In your XAMPP Control Panel, click the *Admin* button in the MySQL section. A new browser window will automatically open with the phpMyAdmin dashboard interface. Click on *Databases* near the top-left.



You'll now be prompted to create a new database. I've named mine *wpmudev*.



Once you've entered a name, click *Create* and close the window.

Step 2: Download and Install WordPress

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