

1 Install MAMP

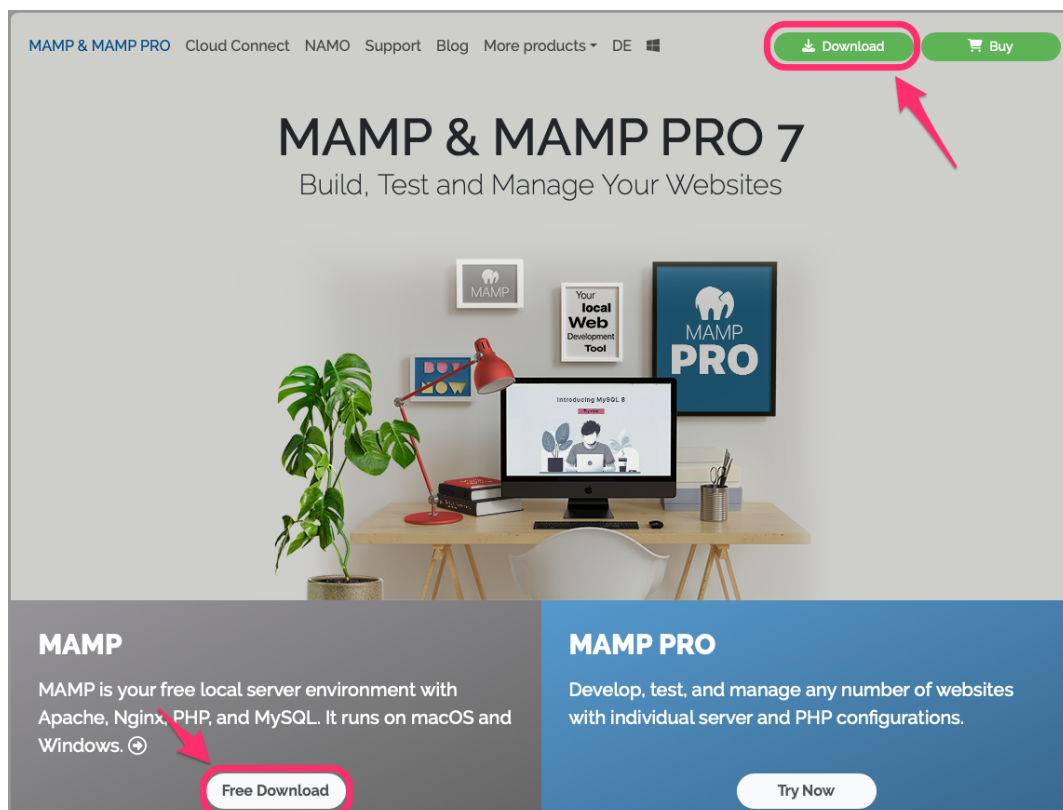
This document provides instructions for installing **MAMP** on **MacOS**.

Context

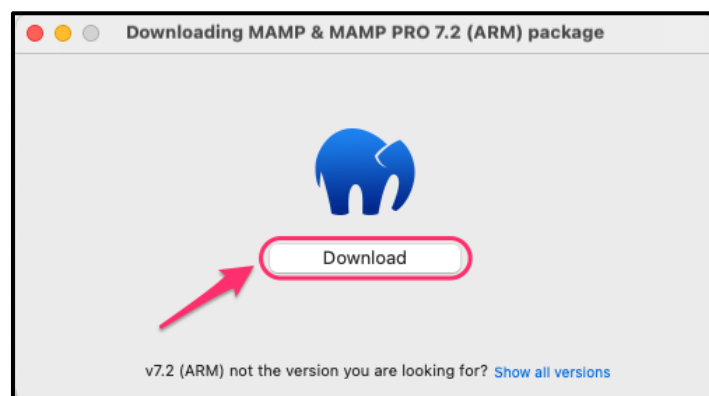
- MacOS (Sierra and later)
- MAMP & MAMP PRO 7 (Intel or Apple Silicon)

2 Download and Install

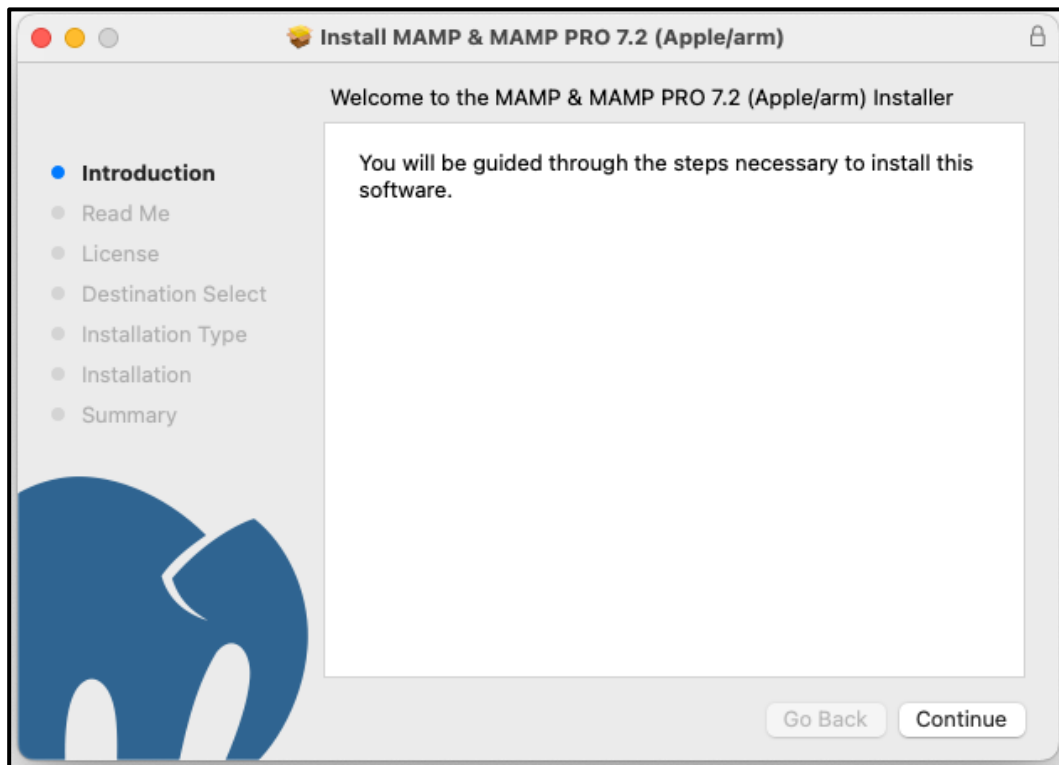
MAMP can be downloaded from <https://www.mamp.info/>. After opening the link, please click on either of the buttons as shown, which will download the **MAMP & MAMP PRO Downloader**.



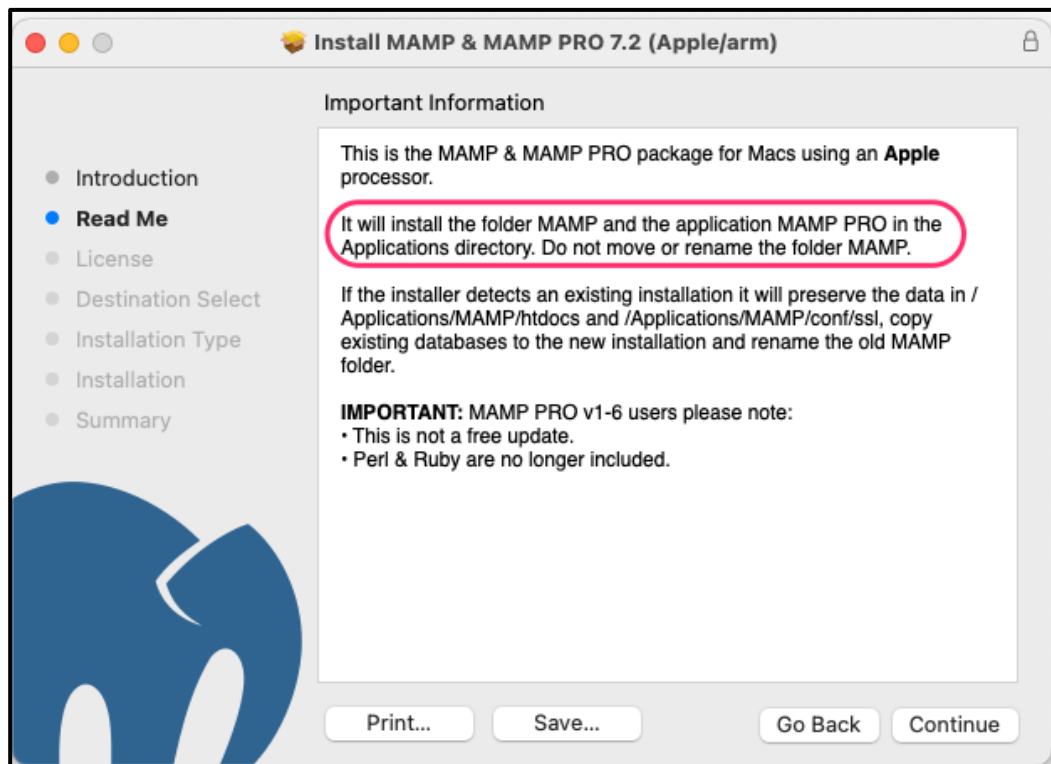
After downloading it, find **MAMP & MAMP PRO Downloader** in the **~/Downloads** directory. Open it, bypassing any MacOS security warnings if prompted, and then click the **Download** button as shown below. (Note that the latest version number may be different: You may see 7.2 or newer.)



After downloading, the installer will launch automatically:

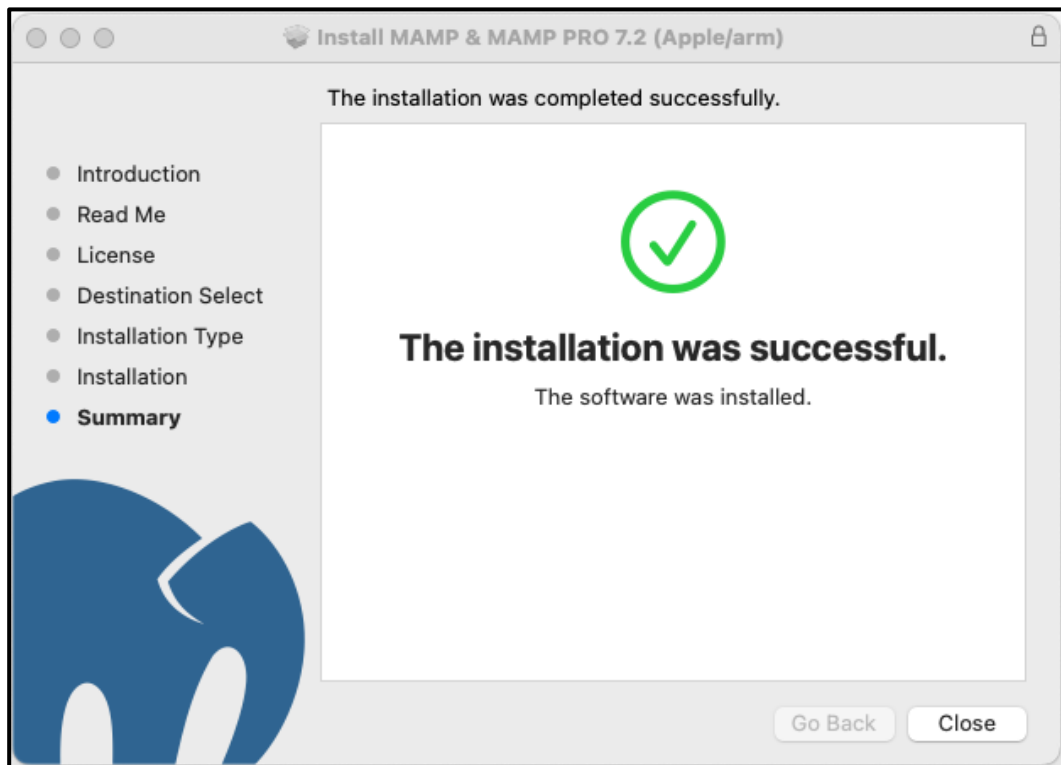


Please note: This installer will place the **MAMP** folder and the **MAMP PRO** application in the **Applications** directory. Kindly refrain from moving or renaming the **MAMP** folder.



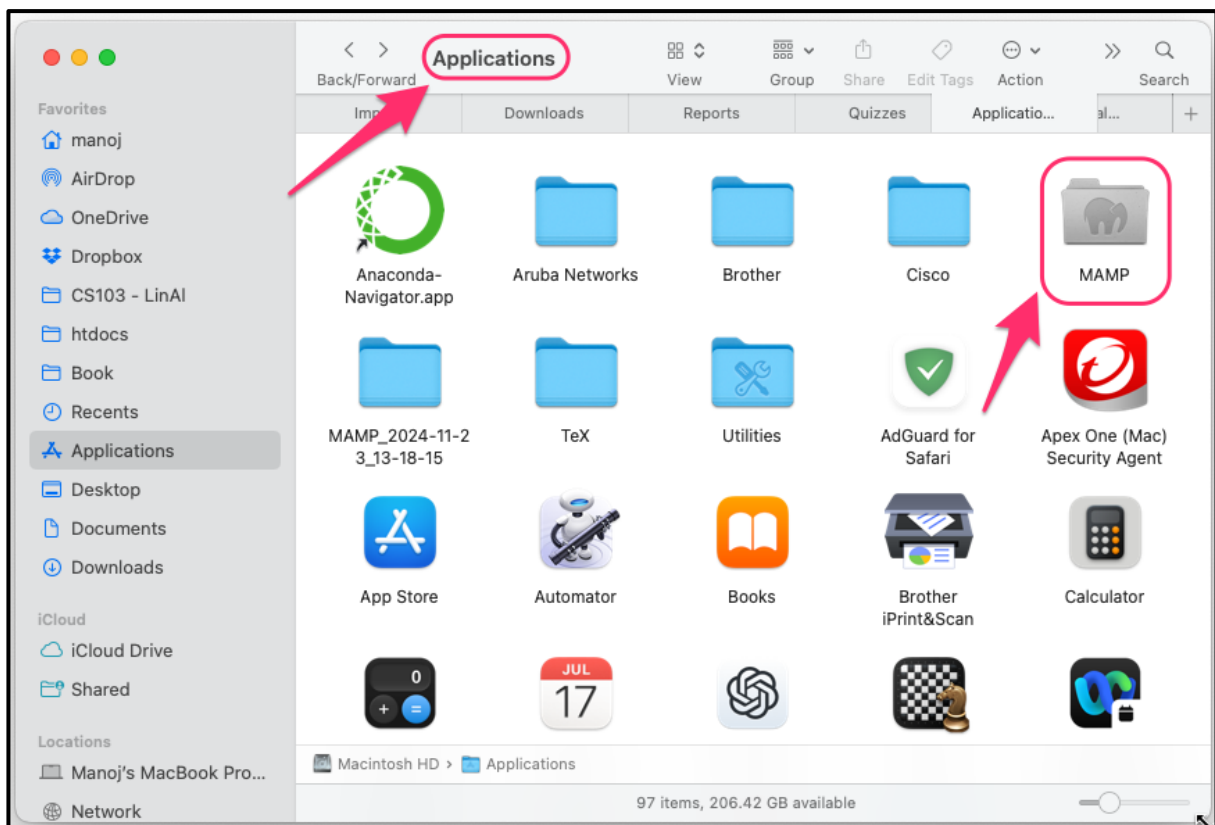
Agree to the license terms and install. Admin authentication may be required.

Upon successful installation, you will see a screen like this:

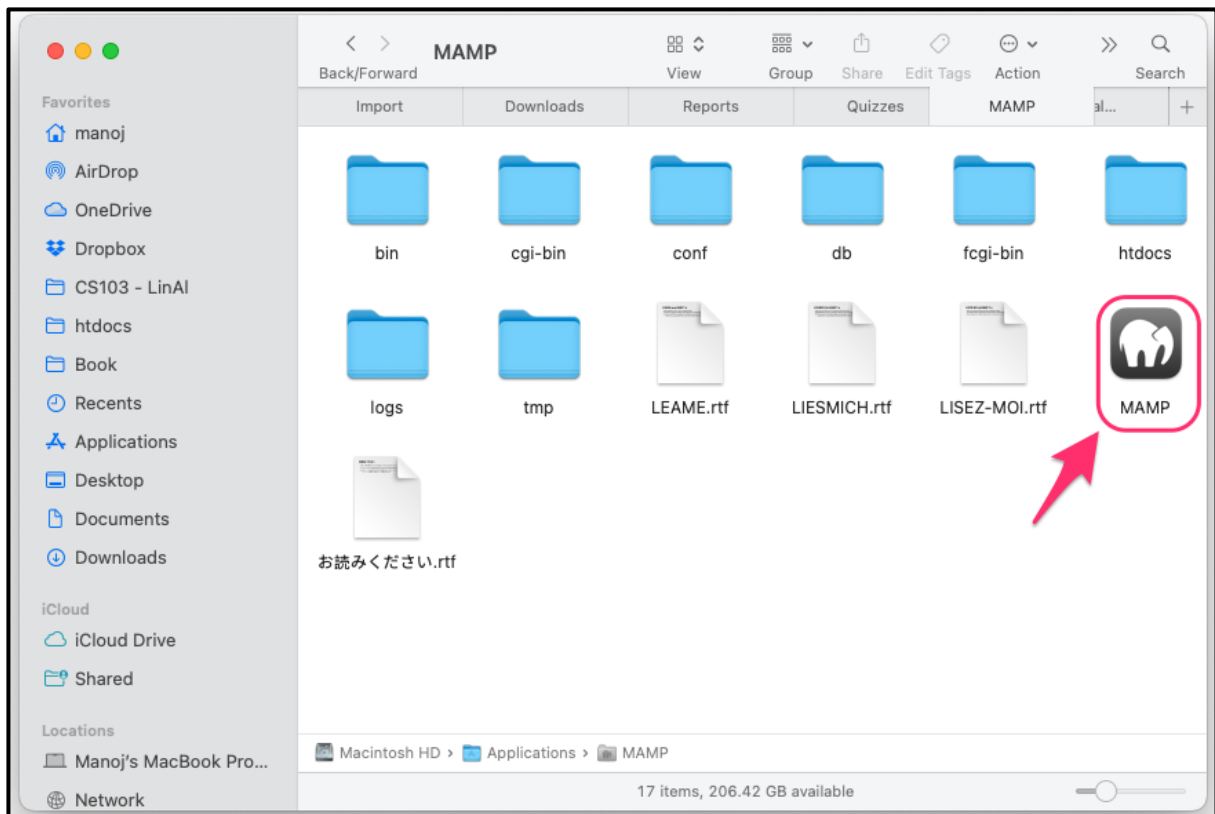


3 Configuration

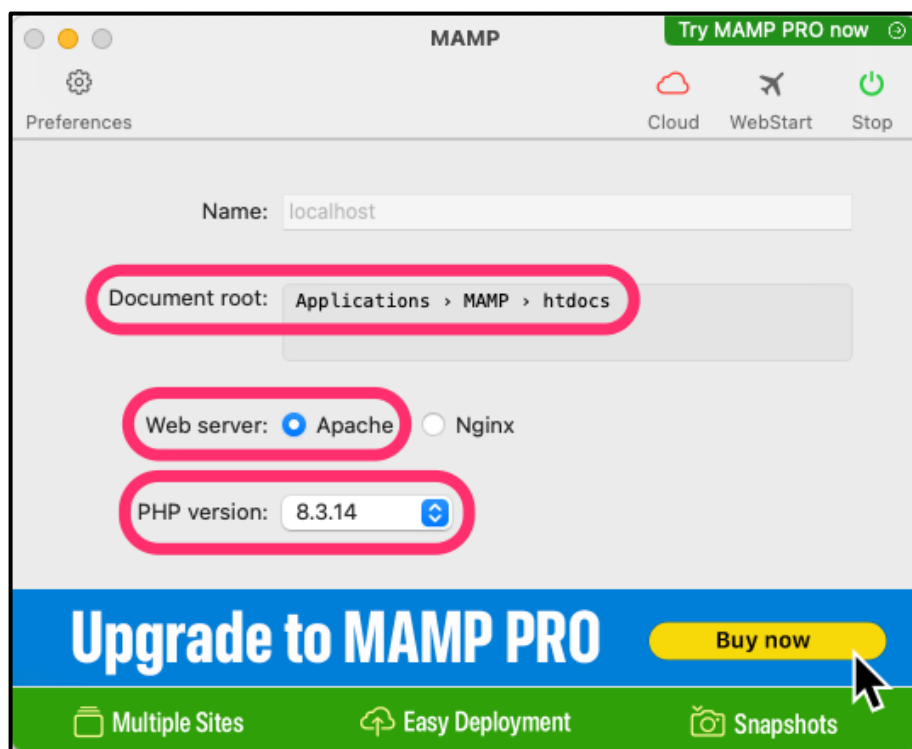
Please locate the **MAMP** directory within your **/Applications** folder and double-click on it.



Please navigate to the **/Applications/MAMP** directory and open the MAMP application.



MAMP will open with following screen (plus a nag screen to buy the **pro** version, which we shall ignore).



3.1 Web Server

Please select **Apache** as the Web server. Note: Although **Nginx** (read Engine-X) is another variant of web server software, it will not be used in our course.

The root directory for **Apache** is located at **/Applications/MAMP/htdocs**.

3.2 PHP

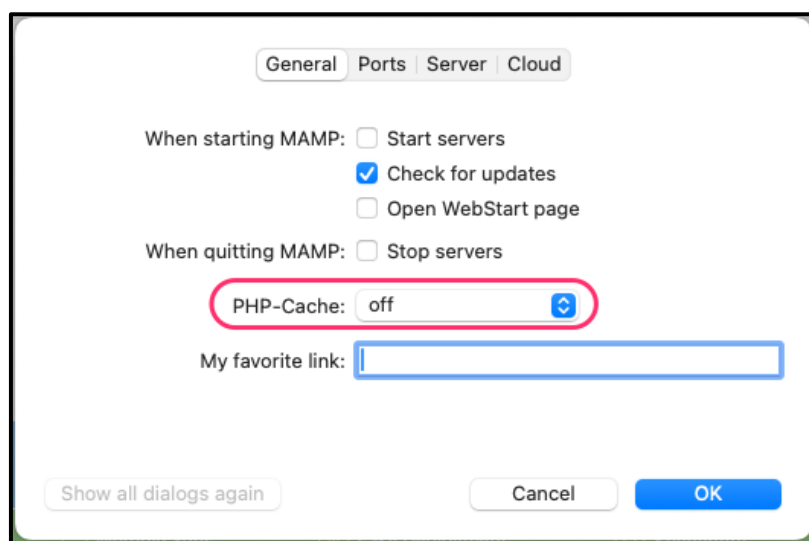
Choose the PHP version **8.3.14**.

3.3 Preferences

Click on the **Preferences** button located at the top-left corner.

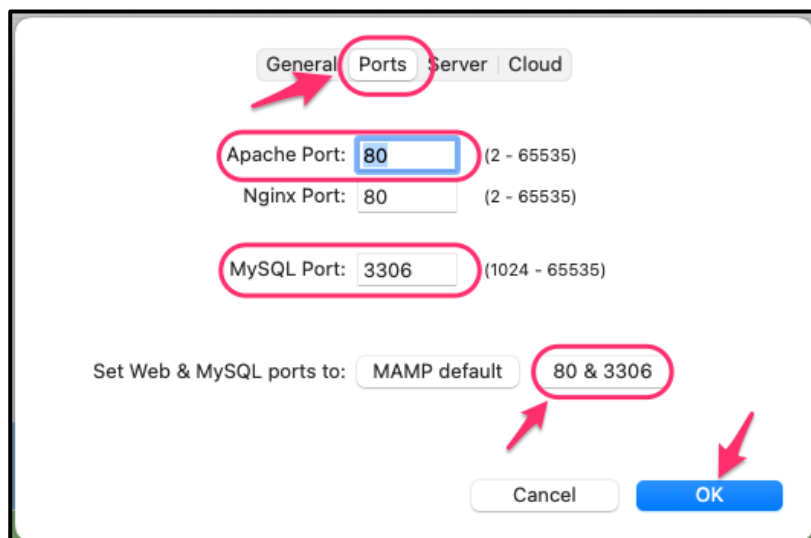
3.3.1 General

Disable **PHP-Cache**.



3.3.2 Ports

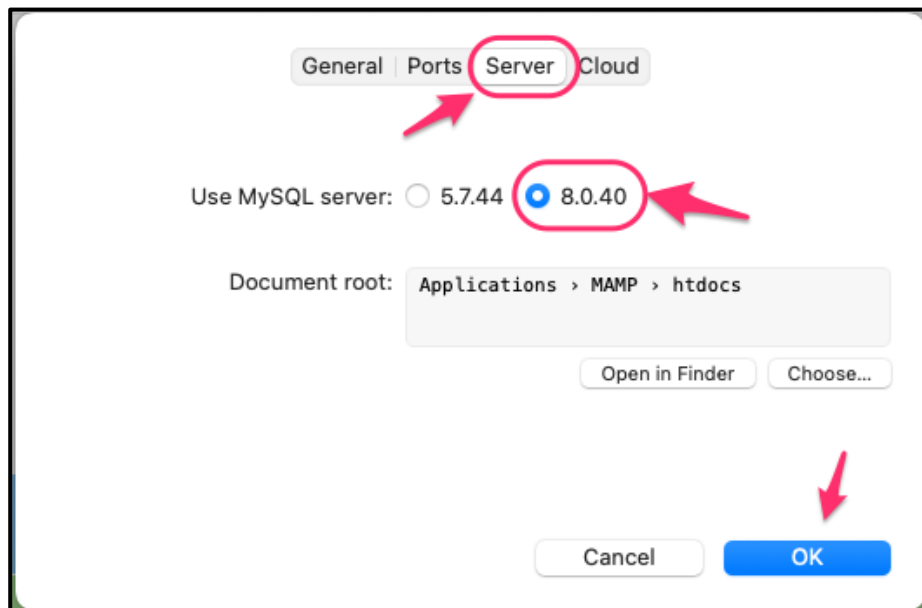
Set the **Web** and **MySQL** ports to **80** and **3306** by clicking on the button highlighted, or by manually typing in. You may need to type in your password when **MAMP** restarts after setting the ports.



Note: by convention, these are default **Apache** and **MySQL** ports.

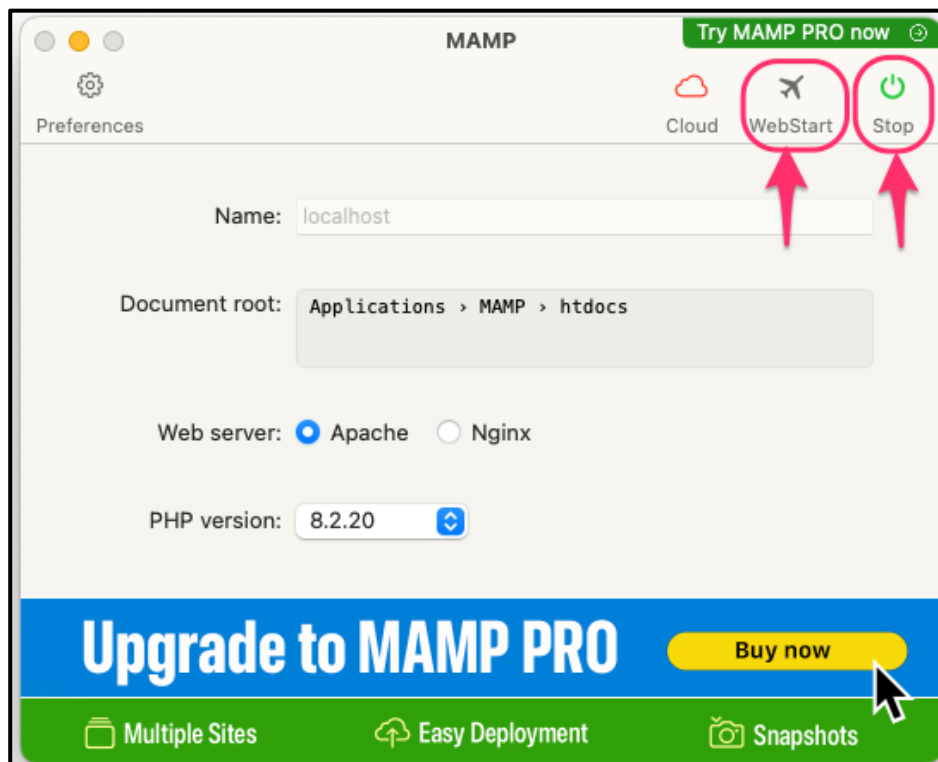
3.3.3 MySQL Server

Choose the latest **MySQL Server**, currently 8.0.40.



3.4 Verify

Launch **MAMP**. If the power button (top right corner) is green, everything is okay. If it is amber, click on it to stop the **MAMP** servers, and click again to restart it and ensure that it is green. Then, click **WebStart** near the top right corner.



If the following screen appears on your browser (Safari by default) appears, everything is in order.

