



Discussion WEB

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Fourth stage - network - morning

Discussion:

1. After installing XAMPP application and if you need to save your PHP files on your PC, in what a place can you save it and in what extension for these files?

When using XAMPP, you typically save your PHP files in a specific directory that is configured as the root directory for your web server. In XAMPP, the default root directory is typically located within the "htdocs" folder or "www" folder, depending on the version and configuration.

Ex: **Windows: C:\xampp\htdocs**

You can save your PHP files directly in the root directory or create subdirectories within the root directory to organize your files.

Regarding the file extension for PHP files, it should always be ".php". The extension ".php" indicates that the file contains PHP code, and it allows the web server to interpret and execute the PHP code when requested by a client's browser

2. htdocs is acronyms for what?

The term "htdocs" is short for "hypertext documents," which refers to the location where the web server looks for files to serve to clients when they access a website.

3. Suppose your PC is running with Windows operating system, can you install MAMP package on it? Explain your answer.

MAMP itself is not directly installable on a Windows operating system, you can use WAMP or XAMPP as Windows alternatives to set up a local web development environment.

MAMP (Mac, Apache, MySQL, PHP/Python/Perl) is a software stack commonly used for web development on macOS and, as the name suggests, is primarily designed for Mac operating systems. Therefore, directly installing MAMP on a Windows operating system is not supported.

4. Give me some examples about some websites that are built with PHP.

PHP is a widely used server-side scripting language, and many popular websites and applications have been built using PHP. Here are some examples:

Facebook: Facebook, one of the largest social media platforms, was initially developed using PHP. Although they have moved towards using other technologies over time, PHP played a significant role in the early development.

WordPress: WordPress, a popular content management system (CMS) that powers a significant portion of the internet, is built using PHP. Many websites and blogs use WordPress as their platform.

Wikipedia: The backend of Wikipedia, the world's largest online encyclopedia, is powered by PHP. It demonstrates the scalability and reliability of PHP for handling large-scale websites.

Yahoo: Yahoo, one of the early internet giants, used PHP extensively in its development. While they have evolved their technology stack, PHP was crucial in their earlier web applications.

5. As you remember, JavaScript is a popular client-side programming language and it has the ability to change the content and style of a web page dynamically. One question you may be asking is, "Why do we need a server-side programming language, too?"

JavaScript is a powerful client-side programming language that allows for dynamic manipulation of web page content and styles directly within the user's browser. While JavaScript handles tasks on the client side, server-side programming languages, like PHP, Python, Ruby, and others, serve different purposes and complement JavaScript in web development. Here are some reasons why server-side programming is necessary:

Server-Side Processing.

Data Storage and Retrieval.

Security.

SEO (Search Engine Optimization)

Consistency.

Access Control.

Resource Management.

Cross-Browser Compatibility.

Scalability.