



WEB DESIGN AND DEVELOPMENT CURRICULUM

WD108 WordPress 1 - LAMP

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LAMP, an acronym for Linux, Apache, PHP and MySQL, refers to a set of software (a “solution stack”) that is a free open source technology.

Advantages

- Easy to code: PHP and MySQL are relatively easy to learn and execute, thus quickly yielding visible results
- Easy to deploy: Since PHP is an Apache module, “.php” files are easily used to execute LAMP applications utilizing a MySQL database.
- Local Development: Due to the open source nature and commonality of the technology, you can easily develop code locally and then deploy to the web.
- Very Common: Many web hosts run LAMP setups making it a “safe” standard to program for.
- WordPress runs off of PHP and MySQL, so you need some flavor of “-AMP”.

The L:

The L in LAMP stands for “Linux”. Linux is a Unix-like operating system. Unix is a multi tasking, multi user computer operating system originally developed by AT&T in the late 60’s. A major focus of Linux is security, which of course makes it an appealing candidate as a web-server application.

The A:

The A in LAMP stands for “Apache”. Apache is a free and very popular web server.

The M:

The M in LAMP stands for “MySQL”. MySQL is a multithreaded, multi-user, SQL database management system. SQL (Structured Query Language) is a database language designed to manage data in relational database management systems.

The P:

The P in LAMP stands for “PHP, Perl or Python”. PHP is a reflective programming language used for communicating between the server-side and the client-side of the web.

MAMP

MAMP, an acronym for Macintosh, Apache, MySQL and PHP, is a free or purchase software that allows easy setup and use of server dependant scripts on a local machine.

- Other such products include WAMP and XAMPP for Windows.
- It should also be noted that MAMP is not needed to run server files on a Mac computer if your computer is “configured to allow for a local host environment”.
- MAMP can be downloaded from: <http://www.mamp.info/en/index.html>



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Read More?

<http://www.linux.com/learn/tutorials/288158-easy-lamp-server-installation>

<http://jatex.wordpress.com/2008/08/21/100-tips-and-tools-to-set-up-a-lamp-server/>