

ICS313 :8.0



Web Programming

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WAMP & LAMP

- WAMP = **W**indows
Apache
MySQL
PHP / Python / Perl
- LAMP = **L**inux
Apache
MySQL
PHP / Python / Perl

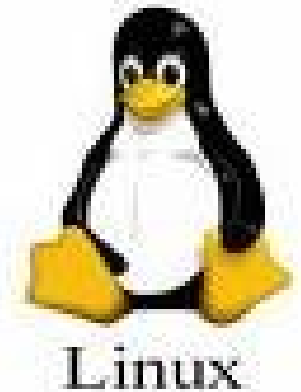
WAMP/LAMP

- This is a description of the web development platform used to design and host web applications.
- WAMP/LAMP is a common configuration due to the Open Source nature of many of its components.
- WAMP is commonly installed on web developers machines to test web sites before uploading them to the Internet.

WAMP/LAMP

The operating system.

- W = Windows (not open source)
- L = Linux (open source)



WAMP



- Apache is a very popular open source web server.
- It was originally developed as a Unix based web server and is now the dominant web server on the Internet.
- Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation.

WAMP



- MySQL is a multithreaded, multi-user, SQL Database Management System (DBMS)
- MySQL runs on more than 20 platforms including Linux, Windows, OS/X, HP-UX, AIX and Netware.
 - phpMyAdmin is a tool written in PHP intended to handle the administration of MySQL over the Web.

WAMP



- PHP (PHP: Hypertext Preprocessor) is a reflective programming language originally designed for producing dynamic Web pages. PHP is used mainly in server-side application software.
- Sometimes the languages Perl and Python are used in place of PHP (but it is still called WAMP)

WAMP

- These separate components were not specifically designed to all work together as a single unit, however, the combination has become popular because of its low cost and common usage.



WAMP packages

- WAMP packages are installers that can install Apache, MySQL, PHP and all the necessary administration panels in one simple package.
- Different WAMP packages contain different versions of the various software.
- WAMP packages are usually tailored to a specific operating system (ie XP or Vista) and have different levels of customisation and capabilities.