The LAMP Stack

Intensive Programming in Linux
CS288-006   Spring 2018

LAMP is an acronym of the names of its four open-source components: **L**inux operating system, **A**pache Web server, **M**ySQL database server, and the **P**HP programming language.

Install LAMP on Ubuntu 16.04 server using the following steps:

1. Use "root" to give the user sudo privileges: usermod -aG sudo username
2. Update the package index: sudo apt update
3. Install Apache Web server: sudo apt install apache2
4. Install MySQL: sudo apt install mysql-server
5. Install PHP: sudo apt install php libapache2-mod-php php-mysql

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- Test Apache Web Server
  Launch a Web browser and visit: http://localhost/
- Test PHP
  In a Linux console, type: php -v
- Test PHP as an Apache Web server module:
  - Using sudo, create the file info.php in /var/www/html/
  - Ensure the file contains the text: <?php phpinfo(); ?>
  - Launch a Web browser and visit: http://localhost/info.php

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