LAMP, WAMP, and MAMP

Turn your laptop into a private web server

CSC 170 Labs – PHP or HTML

- "PHP Includes": technology required for the rest of CSC 170 labs
- Recommended: install PHP on your own laptop
- WARNING: installation not supported by University IT
- *IS* available on University lab computers
- Why?
  - Development experience
  - Helpful → CS Majors!
  - Required for *CSC 174 - Advanced Front-end Web Design and Development*

LAMP, MAMP, and WAMP

- Software "stack"
- On a <u>L</u>inux, <u>W</u>indows, or <u>M</u>ac computer, install: <u>A</u>pache, <u>M</u>ySQL, <u>P</u>HP
- Most popular stack on the web (also, Microsoft IIS with .NET)
- Production web servers: download, install, configure – each software
- Developers: find an all-in-one package
  - MAMP: **www.mamp.info**
  - MAMP for Windows: **www.mamp.info** (University lab computers)
  - WampServer: **www.wampserver.com**
  - Others

Get Up-and-Running

Installation

1. Download MAMP, or MAMP for Windows, or WAMPserver
2. Install
3. Run the software ("MAMP" or "MAMP for Windows or "WAMPserver")

Usage

1. Go to **http://localhost** (make a link on your desktop)
2. Find the **web root** (make a link on your desktop)
3. Delete the starter files in the **web root**
4. Do Lab 11 in your **web root**; view it at http://localhost