



# **LOCALHOST**

**MAMP AND WAMP**

# WEB DEVELOPMENT PROCESS

01

*Remember:  
"front-end"  
means client-  
side ...means  
web browser*

02

File system:  
HTML, CSS,  
and JS files

03

HTML, CSS, JS  
(and other  
assets) →  
editor(s)

04

HTML files  
→ browser

- "file" Protocol  
**file:///**

05

Server-side  
capabilities

- Application development
- Database access
- Messaging (e.g. email)
- HTML pre-processing



"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*

# CSC 170 LABS – PHP

# LAMP, MAMP, AND WAMP

- Software "stack"
  - On a Linux, Windows, or Mac computer, install: Appache, MySQL, PHP
  - 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
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*Installation*    Download MAMP, or MAMP for Windows, or WAMPserver

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Install

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Run the software ("MAMP" or "MAMP for Windows or "WAMPserver")

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*Usage*    Go to **http://localhost** (make a link on your desktop)

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Find the **web root** (make a link on your desktop)

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Delete (or move) the starter files from the **web root**

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Do Lab 11 in your **web root**; view it at **http://localhost**

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# GET UP-AND-RUNNING