

CS 337

Web Programming

HTML/CSS/HTTP/JavaScript/PHP/MySQL/
CGI/XML/JSON/HTTPD/W3C/OMG No Moar TLAs

Administrivia

Mark Fischer

- No Dr., Just Mark, or Mr. Fischer if you *have* to be formal
- BS Civil Engineering, UA 2000
- Web Developer - 1998 - Present
- Second time teaching this course
 - Last time most people liked it. Thought I was "hard but fair"
 - Let me know at the end 😊

Contact Me

- fischerm@email.arizona.edu
- cs337-instructors@list.arizona.edu
- Read by Mark and the TAs
- Piazza
- I probably will not read messages within D2L in a timely manner...
- Office Hours: Check Piazza

TAs

- Clara Rice
 - cerice2@email.arizona.edu
- Office Hours:
 - Again, Piazza once we figure them out

Piazza

- <https://piazza.com/arizona/spring2016/csc337>
- Please sign up ASAP!
- Best place to ask questions
- Can ask private questions directly to the instructors
- Can post anonymously to the class (but I can still see who you are)

D2L

- Used for assignments and turn-ins
- Grades will be updated here
- Quizzes will be done through here

Panopto

- Will record lectures and post them on Panopto
- Get to Panopto by logging in to D2L, then clicking on the "UA Tools" menu in the menu bar.
- Yes, this means you don't *have* to come to class
 - You should still totally come to class

Lectura

- lectura.cs.arizona.edu
- <https://www.cs.arizona.edu/computing/services/>
- <http://www.cs.arizona.edu/computing/web/cgi.html>

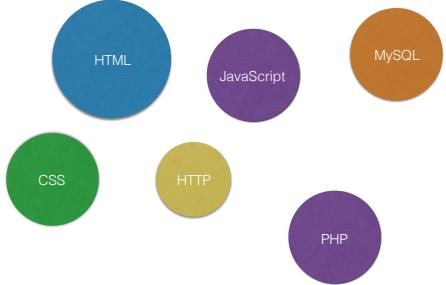
Resources

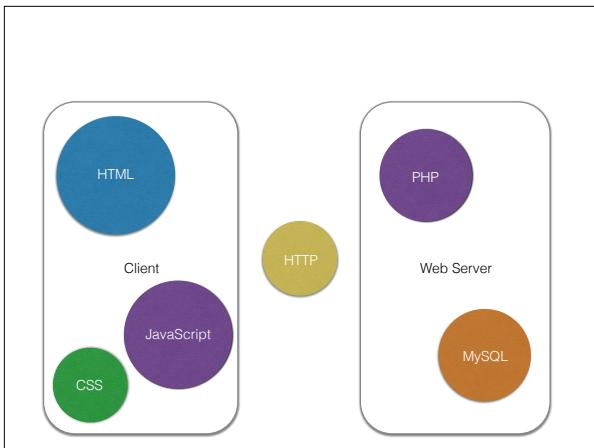
- Head First HTML and CSS
- <http://proquest.safaribooksonline.com.ezproxy1.library.arizona.edu/book/web-design-and-development/9781449324469/firstchapter>
- https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/HTML_5

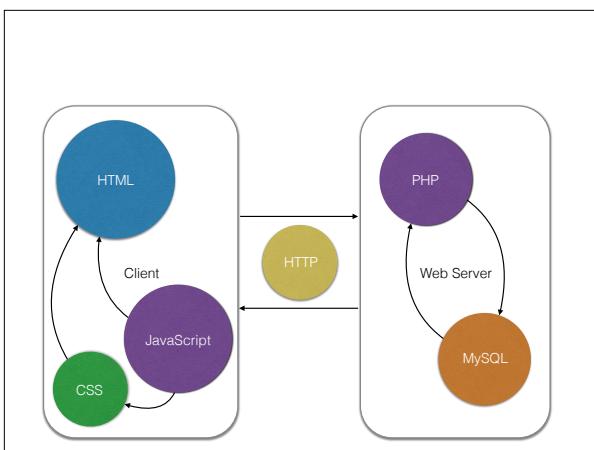
Syllabus

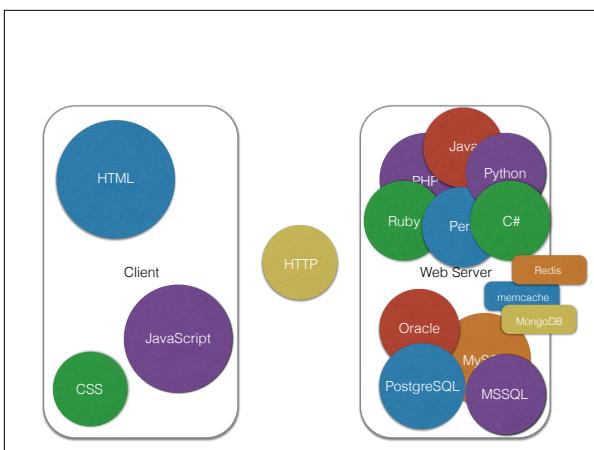
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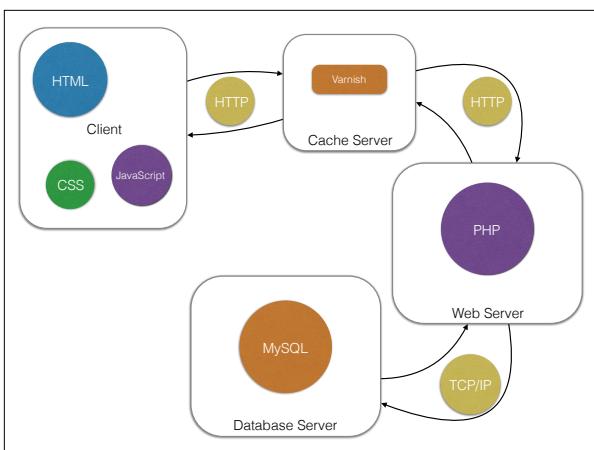
The Big Picture

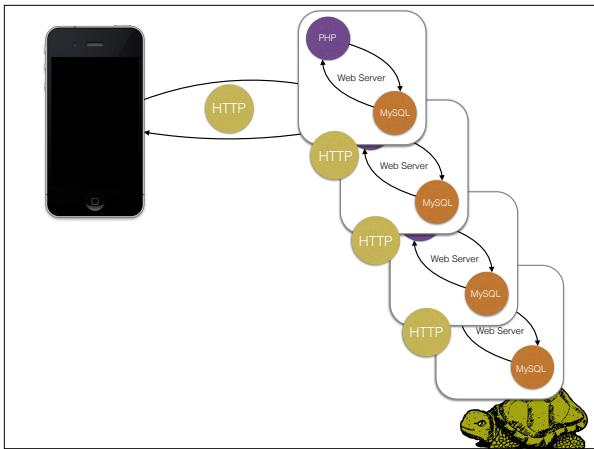
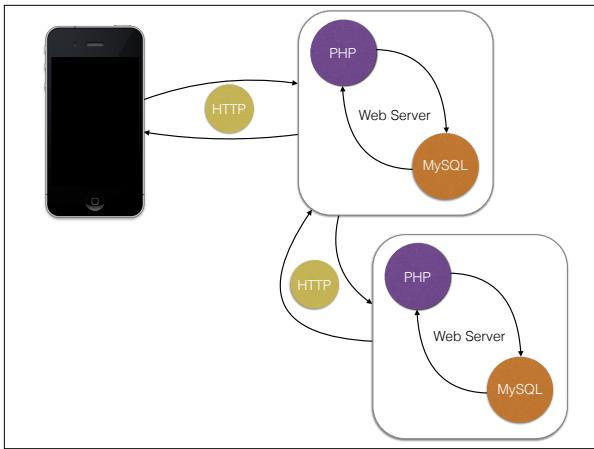
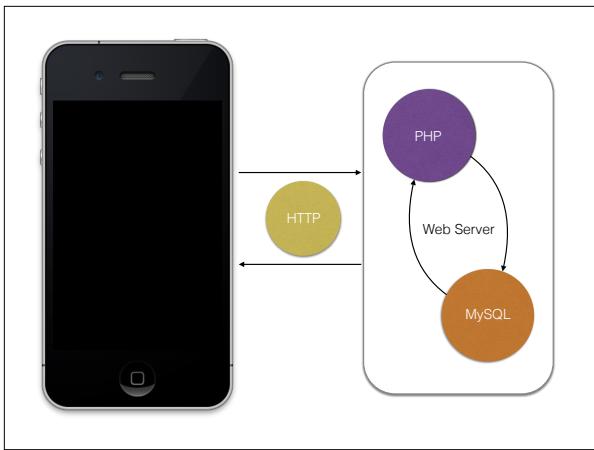
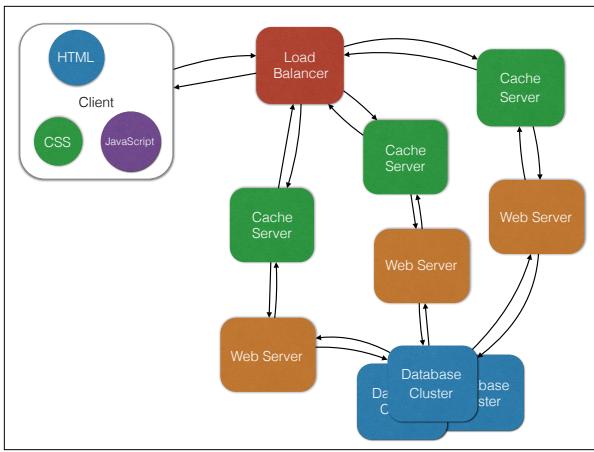


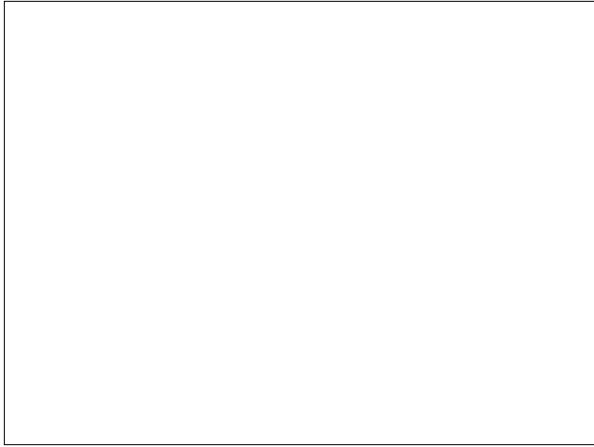












A Bit of History

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Vannevar Bush describes the "Memex" in an article called "As We May Think"

1945

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Ted Nelson coined the terms 'hypertext' and 'hypermedia' for his Xanadu project

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Ted Nelson worked with Andries van Dam to develop the Hypertext Editing System (text editing) at Brown University.

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1969



A Bit of History

Charles Goldfarb, Edward Mosher, and Raymond Lorie developed the Generalized Markup Language at IBM. Evolved into SGML

1987

Apple Computer released HyperCard for the Macintosh

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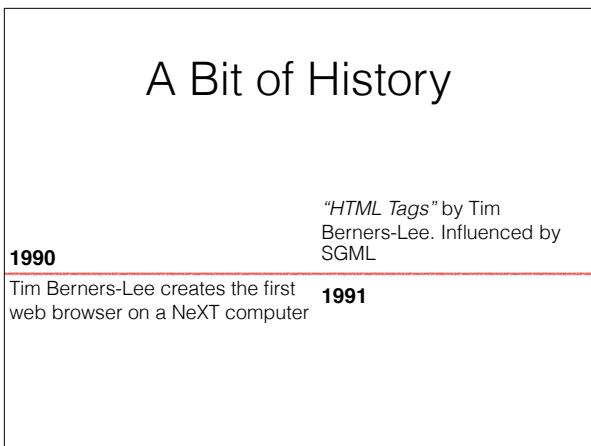
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Tim Berners-Lee creates the first web browser on a NeXT computer



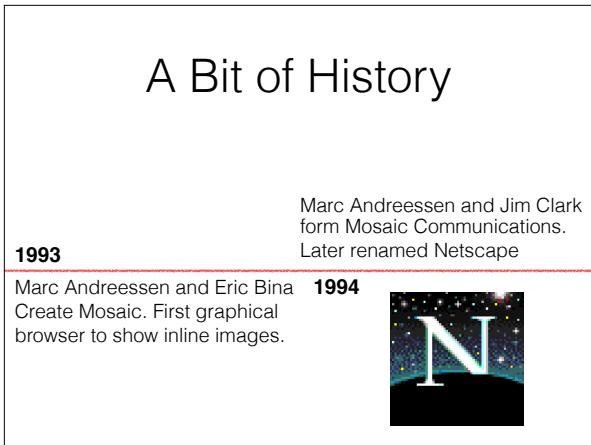
A Bit of History

“HTML Tags” by Tim Berners-Lee. Influenced by SGML

1993



1991 Marc Andreessen and Eric Bina Create Mosaic. First graphical browser to show inline images.



A Bit of History

Marc Andreessen and Jim Clark
form Mosaic Communications.
Later renamed Netscape



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January 1997

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HTML 4.0 Published by W3C.
Deprecates visual markup in favor
of Style Sheets

A Bit of History

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W3C Publishes XML 1.0

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HTML 4.1 Published by W3C

A Bit of History

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XHTML Published

HTML 4.1 Published by W3C

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XHTML Published

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Firefox 1.0 Released. Aims to be a standards compliant browser.

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CSS 3 Recommendations
Published by the CSS Working
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2011-2012

A Bit of History

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2014

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W3C Publishes Final HTML5.0
Recommendation

A Bit of History

IETF Publishes HTTP/2
Specification

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2015

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The Future... ?

