

Week 1: Introduction



Agenda

- Enrollment
- General orientation
 - Course Map & Syllabus
 - Schedule
 - Assignments
- Infrastructure
- Lab preview & Wrap-up



INFO/CS 1300: Course Map

Topic Area	Dates	Goals	Assignments
Introduction and Infrastructure	8/24 – 8/26	1-5	All
HTML & Structure	8/29 – 9/9	1,2	Brief Assignments
CSS & Presentation	9/12 – 9/30	2	
Client-Side Scripting: JavaScript & jQuery	10/3 – 10/21	3	
Server-Side Scripting: PHP	10/24 – 11/4	3	
Basic User Testing	11/7 – 11/18	4	Final Project
Taking a Site Live	11/21 – 12/2	1-5	



Professional Development

- What is “professional” development?
 - Scalability.
 - Collaboration.
 - Standards-compliant.
 - Robust, i.e., code continues to work under non-ideal conditions.
 - Documented.



Course Infrastructure

- **Piazza: discussions.**
 - <https://piazza.com/cornell/fall2016/infocs1300>
 - Self register
- **Blackboard: course documents and grades.**
 - <https://blackboard.cornell.edu>
 - Automatic registration
- **Course server: Assignment submission.**
 - <http://info1300.coecis.cornell.edu>
 - Self register
- **Bitbucket or similar service, e.g., GitHub.**
 - Self register



Course Browsers

- Recent desktop versions of:
 - Chrome
 - Safari
 - Firefox
 - Internet Explorer (IE)
- Mobile design/browsers will be covered later.



Web Architecture Simplified (a lot!)

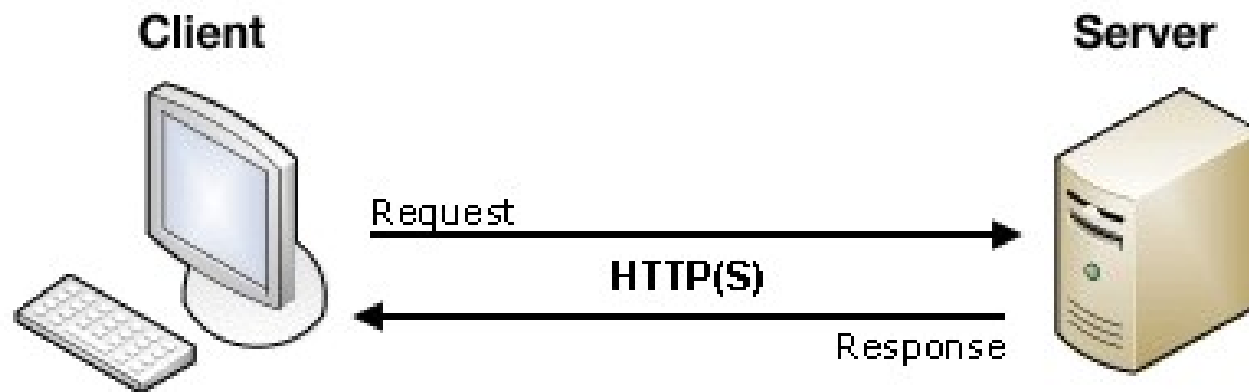


Image from https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Forms/Sending_and_retrieving_form_data

Lab Preview

- Register and log on to Piazza if you haven't already.
- Register and log on to the course server if you haven't already.
- Use FileZilla to connect to the course server and upload a simple file.



Key Points

- Focus on professional Web design.
- First 1-2 weeks atypical.
- Course infrastructure is key to later success.



To-Do List

- Register and sign on:
 - Piazza.
 - Course server. Do not wait until the last minute!
 - Bitbucket or similar service.
- Install:
 - Brackets or similar editor.
 - Git.
 - Filezilla (sftp, port 22).

