

jQuery and AJAX for Responsive Web Sites

Lecture 0 Preliminaries

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Welcome

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Goals

- Interaction between HTML, CSS, JavaScript
- Document Object Model (DOM)
- DOM Event API
- Functional Programming
- Asynchronous Programming and Callbacks
- AJAX
- JavaScript
- Broader Applicability of the Above
..... and jQuery!

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Prerequisites

- Moderate HTML and CSS
- Some programming experience
- Basic JavaScript
- Basic UNIX command line

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Resources



Textbook



jquery.com

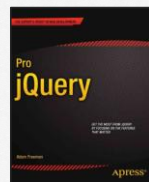


jqueryui.com

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Resources



Textbook



jquery.com



jqueryui.com

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Grading

- Getting "Satisfactory"
 - Attend minimum of 8 out of 10 lectures
(in person or online)
 - Complete 80% of work satisfactorily by posted due dates

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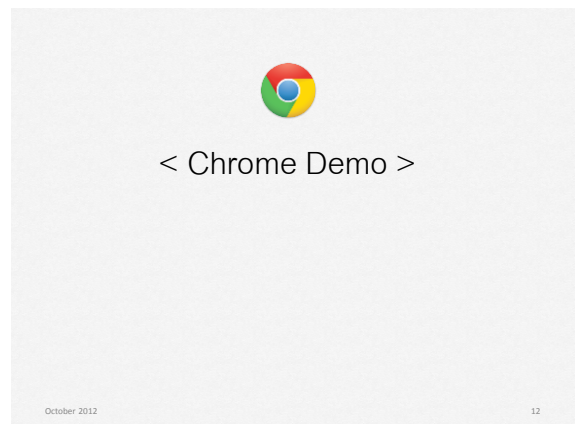
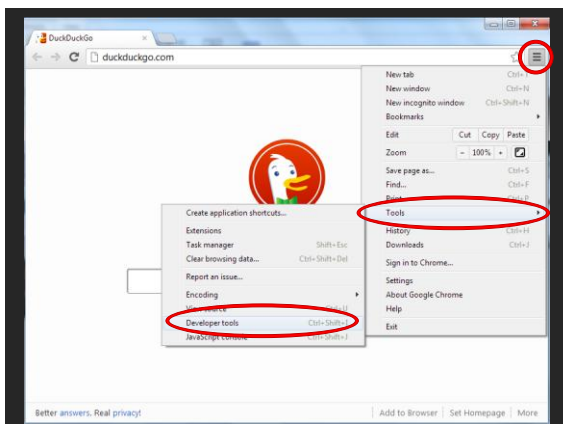
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Dev Environment



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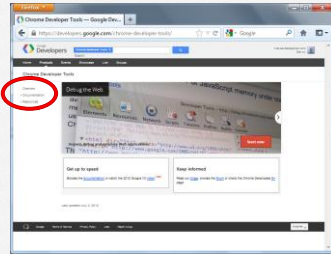


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Dev Tools Documentation

- Just Google *chrome developer tools*



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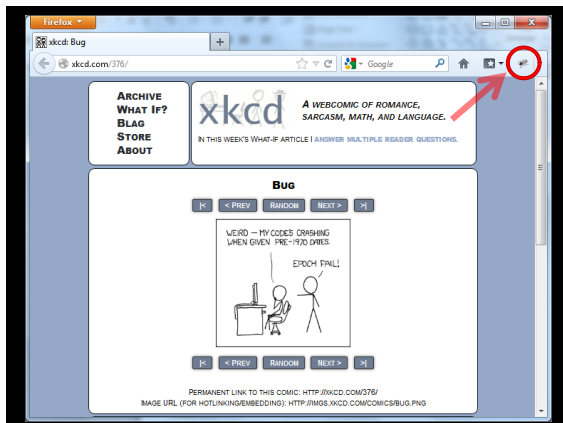


<http://getfirebug.com/>

Reminder: Course work will be evaluated using Chrome

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< Firebug Demo >

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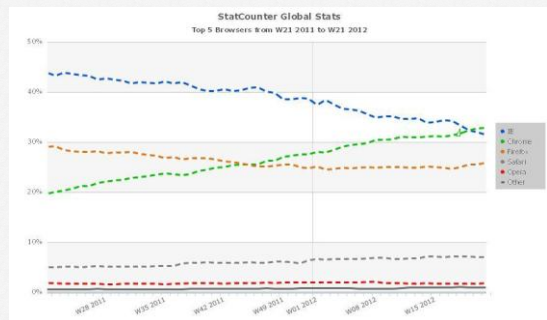
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Dev Environment Aside



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chart from <http://gs.statcounter.com>

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Dev Environment Aside (2)

Real world means being developing for multiple browsers.

Make conscious decisions about which browser versions you want to support.

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Dev Environment

You should have received user & pass for homer.u.washington.edu

We'll be using this for AJAX and possibly Node.js related assignments.

You will **not** need it for the first assignment.

Contact D.A. Clements if you didn't receive your user & pass:

dclements@pce.uw.edu

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Image from Wikipedia

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Office Hours

- Will announce the days and times via email.
- You can reach me in person or via Skype.

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