

HTML 5 Overview

Lachlan Hunt

PubCon, Las Vegas 2008-11-13



New Structure and Semantics



Italics Kittens

Posted 29 May 2008



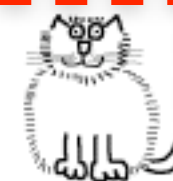
Hungry kittens

[42 Comments](#) | [Permalink](#)

Rating: 

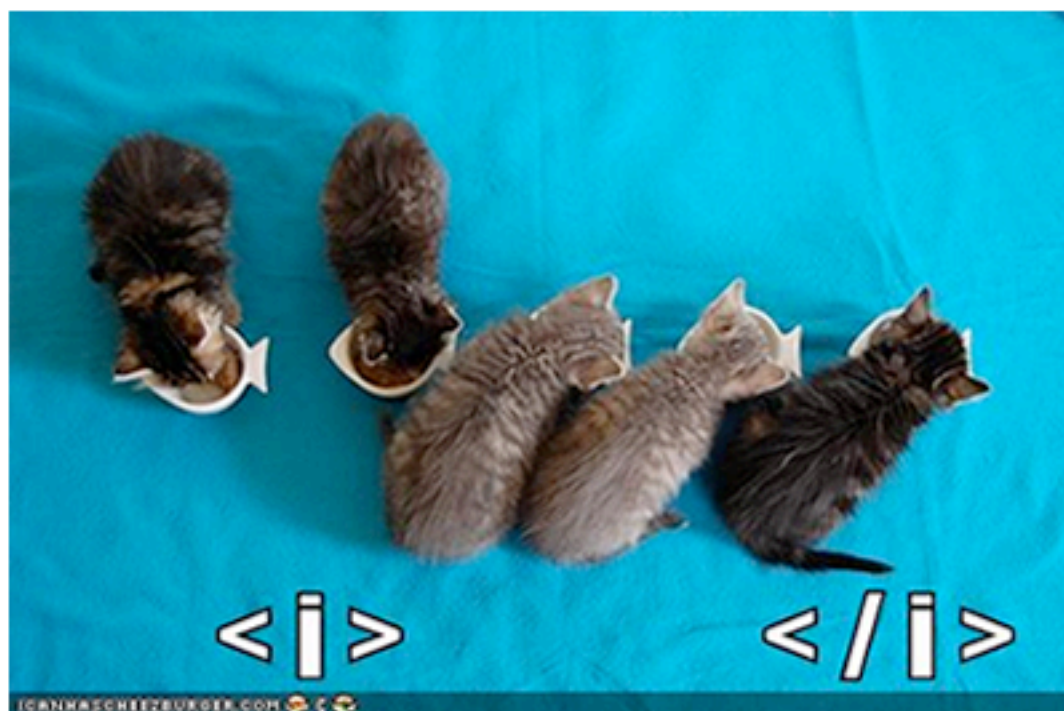
Archives

[May 2008](#)
[April 2008](#)
[March 2008](#)
[February 2008](#)
[January 2008](#)
[December 2007](#)
[November 2007](#)
[October 2007](#)
[September 2007](#)
[August 2007](#)



Italics Kittens

Posted 29 May 2008



Hungry kittens

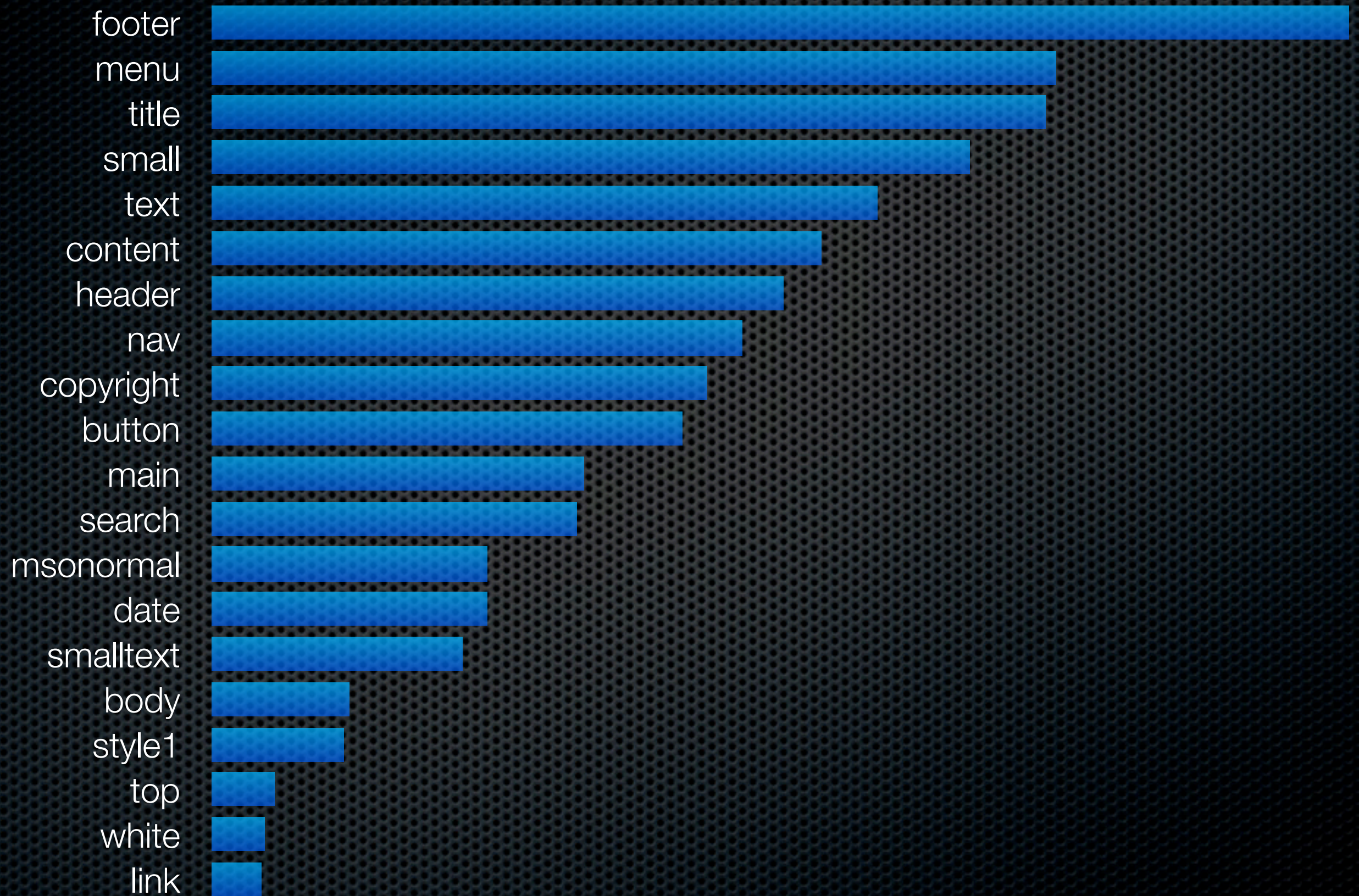
[42 Comments](#) | [Permalink](#)

Rating:

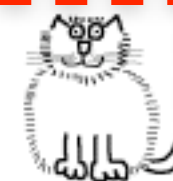
Archives

[May 2008](#)
[April 2008](#)
[March 2008](#)
[February 2008](#)
[January 2008](#)
[December 2007](#)
[November 2007](#)
[October 2007](#)
[September 2007](#)
[August 2007](#)

Top 20 Class Names



<header>

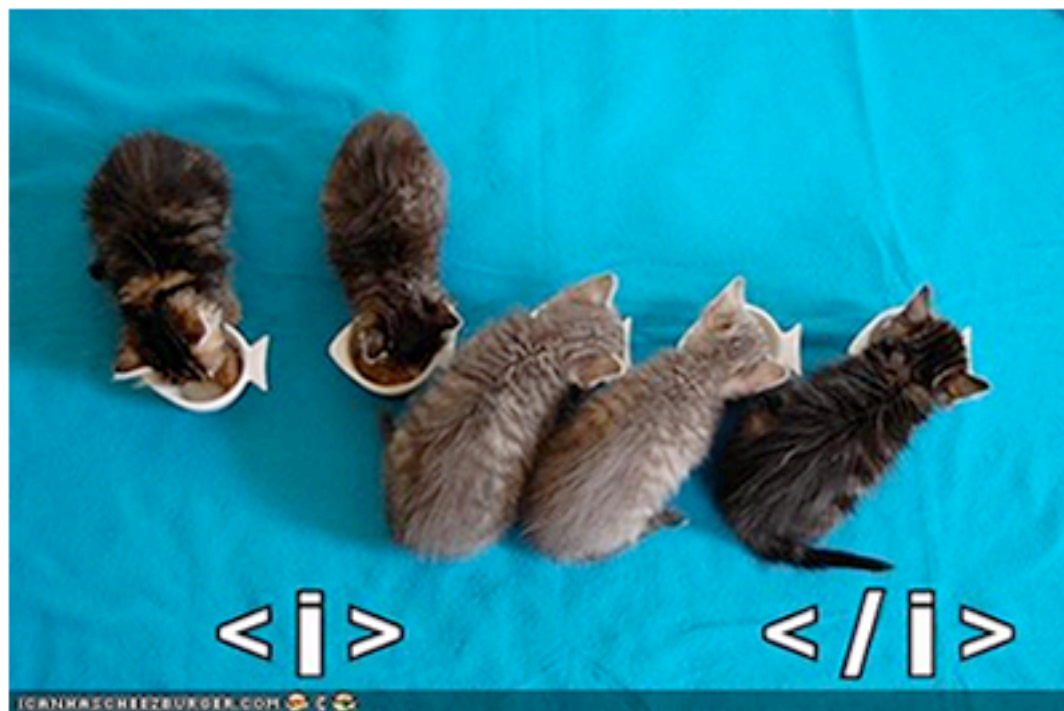


[Home](#) [About](#) [Contact](#)

<nav>

Italics Kittens <article>

Posted 29 May 2008



Hungry kittens

[42 Comments](#) | [Permalink](#)

Rating:

Archives

[May 2008](#)
[April 2008](#)
[March 2008](#)
[February 2008](#)
[January 2008](#)
[December 2007](#)
[November 2007](#)
[October 2007](#)
[September 2007](#)
[August 2007](#)

<aside>

<footer>

Whack A LOL

Posted 29 May 2008 <time>

<figure>



whack a lol

<legend>

I gotz me a hi score!

<meter>

[26 Comments](#) | [Permalink](#)

Rating: 

Customer Service <h1>

<section>

Rapidiously e-enable compelling customer service whereas progressive catalysts for change. Globally formulate cross-unit best practices for client-focused intellectual capital. Objectively target optimal total linkage with plug-and-play expertise.

Quickly reinvent long-term high-impact strategic theme areas via out-of-the-box paradigms. Dynamically leverage existing compelling innovation for focused architectures. Enthusiastically myocardinate magnetic internal or "organic" sources after enabled schemas.

Development Strategies <h1>

Authoritatively exploit extensible e-tailers and just in time benefits. Competently communicate unique markets through backward-compatible channels. Synergistically strategize interactive action items for exceptional architectures.

Conveniently leverage other's extensible strategic theme areas for superior vortals. Synergistically iterate intuitive channels and frictionless data. Efficiently transition functionalized interfaces and corporate mindshare.

Investments in Infrastructure <h1>

Distinctively transform clicks-and-mortar paradigms whereas ubiquitous infrastructures. Distinctively grow quality meta-services whereas sustainable architectures. Interactively initiate bricks-and-clicks ideas after installed base ROI.

Dynamically engage optimal quality vectors before bricks-and-clicks vortals. Energistically disseminate innovative methods of empowerment with fully tested e-tailers. Synergistically extend plug-and-play platforms rather than professional web services.

Element Implementations

- ✦ No native support, but can be styled with CSS in
 - ✦ Opera
 - ✦ Firefox 3.0
 - ✦ Safari
 - ✦ IE 6 and 7 using simple `createElement()` hack

New Multimedia

Video

- ✦ Native video support in browsers
- ✦ DOM APIs for providing custom interfaces
- ✦ No more dependence upon Flash



Video Implementations

- ✦ Opera (Experimental, Ogg Theora)
- ✦ Safari 3.1 (All QuickTime formats)
- ✦ Firefox 3.1 alpha 2 (Ogg Theora)



Canvas

- Dynamically draw graphics and text
- Graphics-oriented DOM APIs



Canvas Implementations

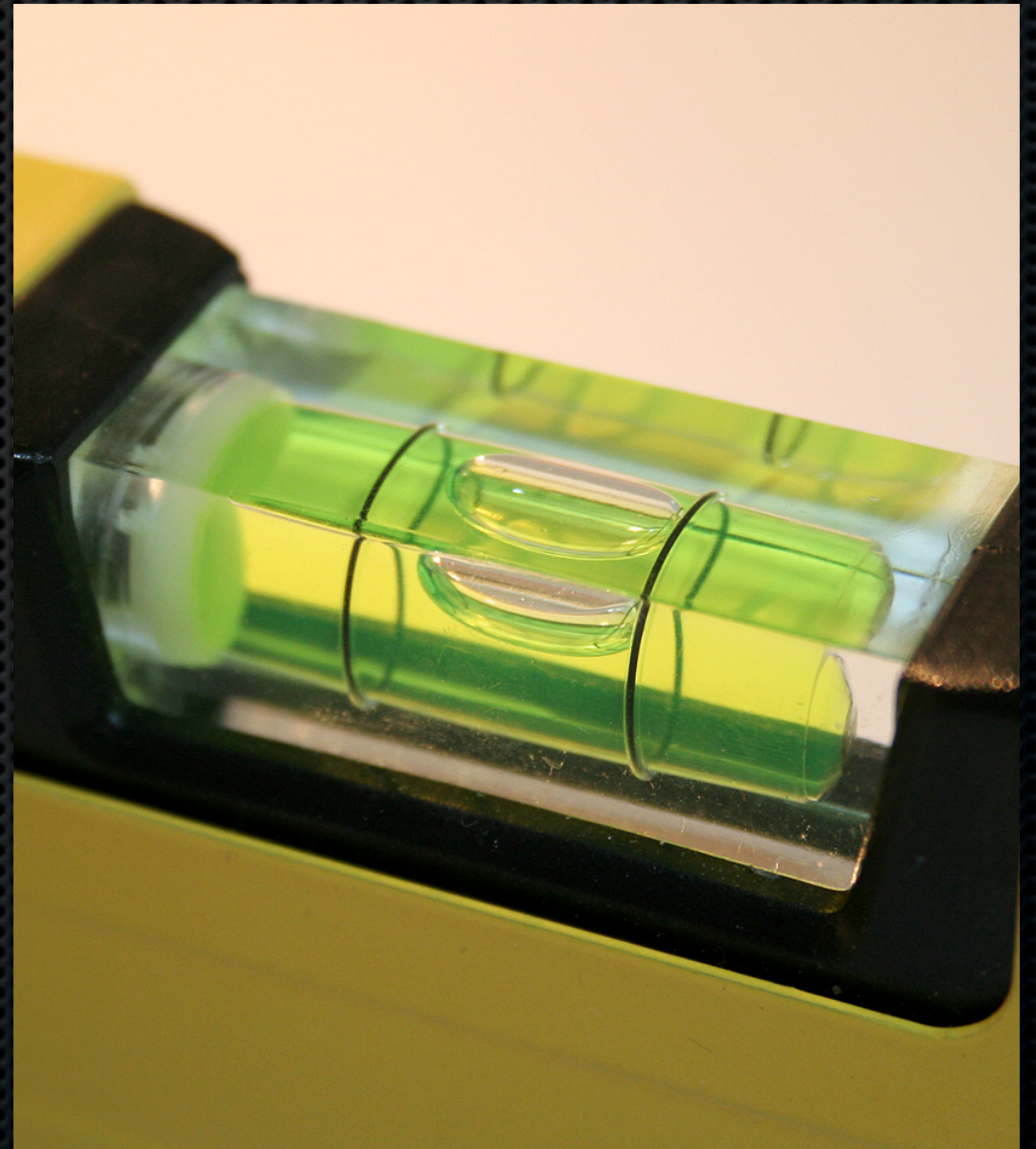
- ✦ Opera
- ✦ Firefox
- ✦ Safari
- ✦ IE 6+ using ExplorerCanvas script



Developer Tools

Validator.nu

- ✦ HTML5 Conformance Checker
- ✦ Exceeds the capabilities of traditional DTD based validation



Parsing HTML 5

- ✦ html5lib Parsing Library for HTML
 - ✦ Python, Ruby
- ✦ Off-the-shelf parser reduces reliance on RegExp hacks



Credits

- ✦ Some images were shamelessly stolen from the web. Various licences apply. For full credits, see:
- ✦ <http://lachy.id.au/slides/>



whatwg.org
www.w3.org

