THINGS ARE GOOD BETWEEN US, XHTML, RIGHT? I MEAN. WE GET ALONG WELL. AND WE BOTH LIKE STUFF.
“THE ATTEMPT TO GET THE WORLD TO SWITCH TO XML, INCLUDING QUOTES AROUND ATTRIBUTE VALUES AND SLASHES IN EMPTY TAGS AND NAMESPACES ALL AT ONCE DIDN’T WORK.”

SIR TIM BERNERS-LEE
Know Your Adoption Rate

- Win IE 6
- Angelina Jolie

Browser Market Share vs. Number of Adoptions

http://www.flickr.com/photos/teleject/432030263/
Removing Microformats from bbc.co.uk/programmes

Michael Smethurst  |  23 Jun 08

Since /programmes first went live in 2004, data has been accessible to people and developers alike at the application design stage. Similar to HTML pages as a lightweight API, the use of microformats to add start times, end times and other data to pages makes sense. Unfortunately there have been a number of concerns over hCalendar's use of the abbreviation design pattern. This uses the HTML abbreviation element to add machine data to pages. Our concerns were:

- the effect on blind users using screen readers with abbreviation expansion turned on where abbreviations designed for machines would be read out
- the effect on partially sighted users using screen readers where tool tips of abbreviations designed for machines would be read out
- the effect of incomprehensible tooltips on users with cognitive disabilities
- the potential fencing off of abbreviations to domains that need them (travel - airport codes, finance - ticker symbols etc)

Until these issues are resolved the BBC semantic markup standards have been updated to prevent the use of non-human-readable text in abbreviations. As I type the revised standard has not been published — I'll update this post with a link when that happens. Updated standard is here. For this reason we've taken the decision to remove hCalendar and all the related microformats from this site.

RECENT ENTRIES

- Better audio for BBC Radio online
- How we make websites
- Visual Radio - Phase 1 Final Thoughts
- Visualising Radio - delivering video and audio
- How visual radio works

RECENT COMMENTS

- tristan on We're Playing Your Game

:: About the BBC Radio Labs blog
BBC Radio Labs is from BBC Audio & Music Interactive. This is where we think for the radio.
web 2.0
"Chocolate Rain" Original Song by Tay Zonday
BLUEPRINTS VS REALITY

http://www.amazon.com/gp/product/0140139966
“TAKE CARE OF THE LUXURIES AND THE NECESSITIES WILL TAKE CARE OF THEMSELVES.”

FRANK LLOYD WRIGHT
AGENDA ITEMS

- What’s different from XHTML to HTML5
- Building with HTML5 (You are here.)
- Video
- Audio
- GeoLocation
- Prizes!  http://interactwithwebstandards.com/
BUILDING WITH HTML5
DOCTYPE
HTML 4.01 Transitional DTD:
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/1999/REC-html401-19991224/loose.dtd">

XHTML 1.0 Transitional DTD:
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>AUSTIN, TX BBQ RESTAURANTS</title>
</head>
<body>
  <h1>....</h1>
  <p>...</p>
</body>
</html>
EXERCISE

• Go to HTML validator at http://validator.w3.org/#validate_by_input

• Then type the following HTML (below) and hit validate:

```html
<!DOCTYPE html>
<title>Small HTML5</title>
<p>Hello world</p>
```
This document was successfully checked as HTML5!

Result: Passed, 3 warning(s)

Source:

```xml
<!DOCTYPE html>
<title>Small HTML5</title>
<p>Hello world</p>
```

Encoding: utf-8

Doctype: HTML5

Root Element: html

The W3C validators are hosted on server technology donated by HP, and supported by community donations. [Donate](http://validator.w3.org) and help us build better tools for a better web.
This document was successfully checked as HTML5!

Using experimental feature: **HTML5 Conformance Checker**.

The validator checked your document with an experimental feature: **HTML5 Conformance Checker**. This feature has been made available for your convenience, but be aware that it may be unreliable, or not perfectly up to date with the latest development of some cutting-edge technologies. If you find any issue with this feature, please report them. Thank you.

<table>
<thead>
<tr>
<th>Encoding</th>
<th>utf-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctype</td>
<td>HTML5</td>
</tr>
<tr>
<td>Root Element</td>
<td>html</td>
</tr>
</tbody>
</table>

Options:
- [ ] Show Source
- [ ] Validate error pages
- [ ] Show Outline
- [ ] Verbose Output
- [ ] List Messages Sequentially
- [ ] Group Error Messages by Type
- [ ] Clean up Markup with HTML Tidy

[Revalidate]
SYNTAX
<img src="file.png" />
<IMG SRC=file.png />
<video controls="controls">
EVERYTHING THAT WAS BAD IN 1999 IS GOOD AGAIN
PAGE STRUCTURE
ARTICLE VS ASIDE VS SECTION

• Molly Holzschlag, Opera standards evangelist, says:
  • <section> clarifies <div>
  • <article> 'replaces' <div id="content">
  • <aside> 'replaces' <div id="sidebar">

• Chris Mills, Opera browser employee, plays it safe: http://boblet.tumblr.com/post/130610820/html5-structure
WHAT ABOUT THE DIVS?

• Marc Grabanski, jQuery and HTML5 guy:
  • “div has no meaning whatsoever, so there is nothing semantic about divs”

• Bruce Lawson, Opera browser employee:
  • “Like all semantic questions, it depends on the context. If your only reason for wanting an element is to group stuff for styling, it's a div.”
<body>
<header>
<h1>Heading</h1>
</header>
<nav>
<h3>Site Navigation</h3>
<ul>
</ul>
</nav>
<section>
<article>
<h3>Weblog Entry</h3>
</article>
</section>
<aside>
<p>You are reading "Chocolate Rain", an entry posted on <time datetime="2009-03-05">5 March, 2009</time>, to the <a href="#">Misty collection</a>. See other posts in <a href="#">this collection</a>.</p>
</aside>
<footer>
<p>...</p>
</footer>
</body>
Heading

Site Navigation

- Main
- Products
- Services
- Contact
- About

Weblog Entry

Chocolate Rain

March 5, 2009


Non sequitur condominium facile et geranium incognito. Epsum factorial non deposit quid pro quo hic escorol. Marquee selectus non provisio incongruous feline nolo contendre Olypian quarrels et gorilla congolium sic ad nauseum. Souvlaki ignitus carborundum e pluribus unum.

About This Entry

You are reading "Chocolate Rain", an entry posted on 5th of March, 2009, to the Misty collection. See other posts in this collection

Copyright © Christopher Schmitt. Go back to top
Heading

Site Navigation

- Main
- Products
- Services
- Contact
- About

Weblog Entry

Chocolate Rain

March 5, 2009


Non sequitur condonimium facile et geranium incognito. Epsum factorial non deposit quid pro quo hic escorol. Marquee selectus non provisio incongruous feline nolo contendre Olypian quarrels et gorilla conglobum sic ad nauseum. Souvlaki ignitus carborundum e pluribus unum.

About This Entry
<script type="text/javascript">
    document.createElement('header');
    document.createElement('nav');
    document.createElement('section');
    document.createElement('article');
    document.createElement('aside');
    document.createElement('footer');
</script>

http://ejohn.org/blog/html5-shiv/
Chocolate Rain

March 5, 2009


Non sequitur condominium facile et geranium incognito. Epsum factorial non deposit quid pro quo hic escorol. Marquee selectus non provisio incongruous feline nolo contendre Olypian quarrels et gorilla congolium sic ad nauseum. Souvlaki ignitus carborundum e pluribus unum.
PROGRESSIVELY ENHANCED HTML5 (INFUSED WITH SHIM)
Latest release:

1.7

February 20: Version 1.7 nerfs the WebGL/Chrome9 issue, Opera color input fix, faster (no release notes yet).

What is Modernizr?

Modernizr adds classes to the `<html>` element which allow you to target specific browser functionality in your stylesheet. You don't actually need to write any Javascript to use it.

Have you ever wanted to do if-statements in your CSS for the availability of cool features like `border-radius`? Well, with Modernizr you can accomplish just that! The syntax is very intuitive, too:

```html
.multiplebgs div p {
 /* properties for browsers that support multiple backgrounds */
}

.multiplebgs div p {
 /* optional fallback properties for browsers that don't */
}
```

Modernizr is a small and simple JavaScript library that helps you take advantage of emerging web technologies (CSS3, HTML 5) while still maintaining a fine level of control over older browsers that may not yet support them.

Modernizr detects support for:

- @font-face
- Canvas
- Canvas Text
- HTML5 Audio
- HTML5 Video
- rgba()
- hsla()
- border-image:
- border-radius:
- box-shadow:
- text-shadow:
- opacity:
- Multiple backgrounds
- Flexible Box Model
- CSS Animations
- CSS Columns
- CSS Gradients
- CSS Reflections
- CSS 2D Transforms
- CSS 3D Transforms
- CSS Transitions
- Geolocation API
- localStorage
- sessionStorage
- SVG
- SMIL
- SVG Clipping
- Inline SVG
- Drag and Drop
- hashchange
- X-window Messaging
- History Management
- applicationCache
- Touch events
- Web Sockets
- Web Workers
- Web SQL Database
- WebGL
- IndexedDB
- Input Type
- Input Attributes

Modernizr on Twitter

Yepnope.js is integrated into our custom builder http://goo.gl/pbC9o.
You can load scripts & styles conditionally, perfect for polyfills!
3 days ago

http://yepnopejs.com, the sleek script loader behind Modernizr.load() just went 1.0.
Congrats team member @SlexAxton on launch.
3 days ago

SEE MORE TWEETS

Modernizr & HTML5

Modernizr is the right micro-library for your projects.

http://modernizr.com/
<script src="-/js/modernizr.min.js" type="text/javascript"></script>
<html lang="en" class="canvas canvastext geolocation rgba hsla multiplebgs borderimage borderradius boxshadow opacity cssanimations csscolumns cssgradients cssreflectsions csstransforms csstransforms3d csstransitions video audio localstorage sessionstorage webworkers applicationcache fontface">

</html>
content { ... }

.geolocation content { ... }
<script src="modernizr.js"></script>

...<script>
    if (!Modernizr.input.autofocus){
        $("#fieldname").focus();
    }
</script>
CLOSER LOOK AT HTML5 ELEMENTS
HTML5 AUDIO
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Basic HTML5 Web Document Structure</title>
</head>
<body>
<h1>Video Example</h1>
<audio src="html5test.ogg" autoplay controls>
<a href="html5test.ogg">Download audio</a>
</audio>
</body>
</html>
Example Heading

DEMO
HTML5 AUDIO

• AUDIO element attributes are SRC, AUTOBUFFER, AUTOPLAY, LOOP, CONTROLS

• If you don’t have CONTROL, player becomes transparent
# HTML5 Audio Support

<table>
<thead>
<tr>
<th></th>
<th>FF3.5+</th>
<th>S4+</th>
<th>Ch3+</th>
<th>Op10.5+</th>
<th>IE9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ogg Vorbis</td>
<td>Y</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>MP3</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>WAV</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>
SUPPORTING AUDIO

```html
<audio controls autobuffer>
    <source src="html5audio.mp3" />  
    <source src="html5audio.ogg" />
</audio>

<!-- include Adobe Flash player EMBED and OBJECT code here -->
</audio>
```
HTML5 VIDEO
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Basic HTML5 Web Document Structure</title>
</head>
<body>
<h1>Video Example</h1>
<object width="425" height="344"><param name="movie" value="http://www.youtube.com/v/4GuKSqAg5xI&hl=en&fs=1"></param><param name="allowFullScreen" value="true"></param><param name="allowscriptaccess" value="always"></param><embed src="http://www.youtube.com/v/4GuKSqAg5xI&hl=en&fs=1" type="application/x-shockwave-flash" allowscriptaccess="always" allowfullscreen="true" width="425" height="344"></embed></object>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Basic HTML5 Web Document Structure</title>
</head>
<body>
<h1>Video Example</h1>
<video src="html5test.ogv"
    width="320" height="240" controls
    poster="html5testvideoposter.jpg">
    <a href="html5testvideo.ogv">Download movie</a>
</video>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Basic HTML5 Web Document Structure</title>
</head>
<body>
<h1>Video Example</h1>
<video src="html5test.ogv"
width="320" height="240" controls
poster="html5testvideoposter.jpg">
<a href="html5testvideo.ogg">Download movie</a>
</video>
</body>
</html>
HTML5 VIDEO

• WIDTH and HEIGHT should be required, IMO, but movie plays anyway based on the values in the video file itself.

• Video formats may have their own poster frame. The browser should use that by default unless overridden by valid POSTER attribute value.

• Text can be included within VIDEO element to allow user to download video if their browser doesn’t support.

• If you want to give users control, use CONTROL attribute.
• Video can start automatically if using the AUTOPLAY="1" attribute and value.

• Spec provides for LOOP, AUTOBUFFER which also take a value of 0 or 1.

• Codecs support...
“It would be helpful for interoperability if all browsers could support the same codecs. However, there are no known codecs that satisfy all the current players: we need a codec that is known to not require per-unit or per-distributor licensing, that is compatible with the open source development model, that is of sufficient quality as to be usable, and that is not an additional submarine patent risk for large companies. This is an ongoing issue and this section will be updated once more information is available.”

CODECS

- Ogg (or “Vorbis”)
  - No need to worry about patents
- H.264
  - Created by the MPEG group
  - If you have blu-ray disc player, you are using it
- WebM
  - A wrapper for the VP8 video and Ogg audio streams
## VIDEO CODEC SUPPORT

<table>
<thead>
<tr>
<th></th>
<th>FF3.6+</th>
<th>S</th>
<th>Ch5+</th>
<th>Op10.6+</th>
<th>IE9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ogg</strong></td>
<td>Y</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td><strong>H.264</strong></td>
<td>Y</td>
<td></td>
<td>Y*</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td><strong>WebM</strong></td>
<td>(W4.02+)</td>
<td>(Ch6+)</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>
The cross-platform open-source multimedia framework, player and server

VLC media player is a highly portable multimedia player and multimedia framework capable of reading most audio and video formats (MPEG-2, MPEG-4, H.264, DivX, MPEG-1, mp3, ogg, aac ...) as well as DVDs, Audio CDs VCDs, and various streaming protocols. See the full features list.

It can also be used as a media converter or a server to stream in unicast or multicast in IPv4 or IPv6 on networks.

If you like VLC, please rate it on the Freshmeat, versiontracker or AlternativeTo entries!

Download VLC

Binaries

Select your operating system to download VLC binaries:

- **Windows**
- **Syllable**
- **Mac OS X**

GNU/Linux

- **Debian GNU/Linux**
- **Ubuntu**
- **Mandriva Linux**
- **ALT Linux**
- **Arch Linux**

http://www.videolan.org/vlc/
LESSONS LEARNED

• Use VLC or Firefogg to encode common movie files types to OGG

• H.264 encoding? Use Handbrake

• If you are hot to trot for HTML5 Video, like, right now, check out Mark Pilgrim’s tutorial:
http://diveintohtml5.org/video.html

• Good primer:
http://dev.opera.com/articles/view/introduction-html5-video/
YouTube HTML5 Video Player

This is an opt-in experiment for HTML5 support on YouTube. If you are using a supported browser, you can choose to use the HTML5 player instead of the Flash player for most videos. Your comments will help us improve and perfect the mixes we're working on. So jump in, play around, and send your feedback directly to the brains behind the scenes.

Supported Browsers

Right now we support browsers that support both the video tag in HTML5 and the h.264 video codec. These include:

- Google Chrome
- Apple Safari (version 4+)
- Microsoft Internet Explorer with Google Chrome Frame installed (Get Google Chrome Frame)

Updates!

- 1/27/2010: Fullscreen support enabled (if supported by browser).

Additional Restrictions (we are working on these!)

- Videos with ads are not supported (they will play in the Flash player)
- Fullscreen is not supported
- If you've opted in to other testtube experiments, you may not get the HTML5 player (Feather is supported, though)

You are not currently in the HTML5 beta.

Join the HTML5 Beta

Try YouTube in a fast, new web browser! Download Google Chrome for Mac
<script>
function playPause() {
    var myVideo = document.getElementsByTagName('video')[0];
    if (myVideo.paused)
        myVideo.play();
    else
        myVideo.pause();
}
</script>
<input type="button" onclick="playPause()" value="Play/Pause" tabindex="0" />
HTML5 VIDEO & CAPTIONS
[Captioning] has been shown to improve reading skills among adults who are non-readers.

http://www.ldonline.org/article/35793
Captions for Video with Flash CS3

In: Articles

By Tom Green
Published on June 4, 2007

The hype that has sprung up around the release of Adobe’s CS3 Studio products has virtually ignored the one feature that many people would instantly consider a critical reason for buying the Studio or the upgrade.

If you were to believe Adobe, this is the greatest software release of all time. Meanwhile, many consumers are excited about the new features in Dreamweaver CS3, Illustrator CS3, Photoshop CS3, Flash CS3, and Fireworks CS3. Having been involved in the testing process for the apps, I can be forgiven for my indifference to the chatter. When you use it, play with it, and crash it day in and day out, you become a bit jaded. At least I was until I dug into Flash for a book I was writing and discovered a feature that no one was talking about. (Don’t believe me? As of this writing, it has yet to be mentioned by Adobe and was totally overlooked during the unveiling in March.) The feature: the captioning component in Flash Professional CS3.

The really great thing about this feature, from our perspective as designers and developers, is how simple it is to accomplish and manage. If the timing is out or a caption is wrong, you simply change a few words or numbers in the XML file.
Cherry Chocolate Rain - HTML5 Video with Captions demo

toggle captions switch subtitles on switch subtitles off show transcript

English

Cherry Chocolate Rain

DEMO
QUICK & DIRTY CAPTIONING
GitHub Social Coding

johnmcc / jCaps

Source Commits Network (2) Issues (0) Downloads (3) Wiki (1) Graphs

Switch Branches (1) Switch Tags (3) Branch List

A jQuery plugin that makes it easy to work with captions for HTML5 video. — Read more

Read-Only HTTP Read-Only git://github.com/johnmcc/jCaps.git

Added callback function to be called when caption changes. Fixed scope of currentText so that new caption is only appended when it changes (bugfix)

John McCollum (author)
about 18 hours ago

jCaps /

<table>
<thead>
<tr>
<th>name</th>
<th>age</th>
<th>message</th>
</tr>
</thead>
<tbody>
<tr>
<td>README</td>
<td>March 29, 2010</td>
<td>Added support for .srt caption files [John McCollum]</td>
</tr>
<tr>
<td>README~</td>
<td>March 29, 2010</td>
<td>Added support for .srt caption files [John McCollum]</td>
</tr>
<tr>
<td>index.html</td>
<td>about 18 hours ago</td>
<td>Added callback function to be called when caption changes [John McCollum]</td>
</tr>
<tr>
<td>jquery.jcap.js</td>
<td>about 18 hours ago</td>
<td>Added callback function to be called when caption changes [John McCollum]</td>
</tr>
<tr>
<td>jquery.jcap.min.js</td>
<td></td>
<td></td>
</tr>
<tr>
<td>leverage-a-synergy.ogv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>speechbubble.gif</td>
<td></td>
<td></td>
</tr>
<tr>
<td>styles.css</td>
<td>5 days ago</td>
<td>Refactored timeupdate function [John McCollum]</td>
</tr>
</tbody>
</table>

http://github.com/johnmcc/jCaps
welcome to the US led senate

a day of practical advice on creating great
user experienced of the way

your house today are Christopher schmidt

a veteran with designer who me my view is
the author of the CSS cookbook third edition

as partner in crime our styles who previously
helped organize stop by southwest

in fact it was at southwest southwest that
the dynamic duo first got the idea to organize

conferences that help people make better web
site they're more hospitable to humans

and those boring environments for humans

starting with this is his last summit in July
two thousand nine

they quickly expanded to cover topics ranging
from can go to a team of five and more

and I was delighted to learn that they were
inspired by head
SRT FILES

• SRT files are text files used in video playback; therefore, they do not contain any video data.

• Text file containing subtitles used by various video playback programs; supported by DivX, DVD, and other video formats;

  • Includes the time each subtitle should be displayed followed by the text of the subtitles.

• Subtitle files are often named according to the language of the subtitles, i.e. "moviename-eng.srt" for English and "moviename-ger.srt" for German subtitles.
Allow me to introduce myself My name is Tay It's T-A-Y, T-A-Y to the Z

This is the web and it's gonna murder your TV It was Chocolate Rain

Wrote a song about that history Chocolate Rain

Now I'm paid a hefty hefty fee Chocolate Rain
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.1/jquery.js"></script>
<script src="jquery.jcap.js"></script>
<video id="myVid" width="400" src="cherry-chocolate-rain.ogv" autobuffer controls>
  <track src="transcript-en.srt" type="text/srt" language="en" role="textaudesc"></track>
  <track src="transcript-gr.srt" type="text/srt" language="gr" role="textaudesc"></track>
  <p>Alternative text...</p>
</video>
<video id="myVid" width="400" src="cherry-chocolate-rain.ogv"
autobuffer controls>
  <track src="transcript-en.srt" type="text/srt"
language="en" role="textaudesc"></track>
  <track src="transcript-gr.srt" type="text/srt"
language="gr" role="textaudesc"></track>
  <p>Alternative text...</p>
</video>
HTML5 & GEOLOCATION
What's happening?

**did you know you can add your location to your tweets?**

*Add your location*

1 new tweet
The website "http://twitter.com" would like to use your current location.

- Request permission only once every 24 hours

- Don’t Allow
- Allow
if (navigator.geolocation) {
    navigator.geolocation.getCurrentPosition(show_coordinates);
}

function show_coordinates(position){
    alert('Your latitude is ' + position.coords.latitude + ' ' + 'and your longitude is ' + position.coords.longitude + '.');
}
http://ion.christopherschmitt.com

Your latitude is 30.380845600909087 and your longitude is 30.380845600909087.
http://github.com/teleject/HTML5-GeoLocation-jQuery-Plugin

To get plugin to work on YOUR own site, you will need to get a Google Maps API registered to your domain.
http://code.google.com/apis/maps/signup.html
- Use Microformats' hCard for addresses.
<div class="vcard">
  <a class="url fn n" href="http://www.theqcard.com/">
    <span class="given-name">Jane</span>
    <span class="additional-name"></span>
    <span class="family-name">Smith</span>
  </a>
  <div class="org">Old School BBQ and Grill</div>
  <div class="adr">
    <div class="street-address">2907 E MLK Jr Blvd.</div>
    <span class="locality">Austin</span>,
    <span class="region">TX</span>,
    <span class="postal-code">78702</span>
    <span class="country-name">USA</span>
  </div>
  <div class="tel">512-974-6830</div>
  <div class="note distance">
    http://microformats.org/code/hcard/creator
  </div>
</div>
<div id="locations2">
  <ol>
    <li><!-- Microformats address 1 --></li>
    <li><!-- Microformats address 2 --></li>
    <li><!-- Microformats address 3 --></li>
    <li><!-- Microformats address 4 --></li>
    ...
  </ol>
</div>
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.2/jQuery.min.js"></script>
<script type="text/javascript" src="js/jquery-location.1.0.0.js"></script>
Sign Up for the Google Maps API

The Google Maps API lets you embed Google Maps in your own web pages. A single Maps API key is valid for a single "directory" or domain. See this FAQ for more information. You must have a Google Account to get a Maps API key, and your API key will be connected to your Google Account.

Here are some highlights from the terms for those of you who aren't lawyers:

- **There is no limit on the number of page views you may generate per day using the Maps API.** See this FAQ for more information.
- **There is a limit on the number of geocode requests per day.** See this FAQ for more information.
- **The Maps API does not include advertising.** If we ever decide to change this policy, we will give you at least 90 days notice via the announcements lists.
- If you use other APIs in conjunction with the Maps API, you should also review the terms for the other APIs. Note in particular that the GoogleBar in the JS Maps API uses the AJAX Search API, and that API has its own terms.
- **Your service must be freely accessible to end users.** To use Google mapping technology in other types of applications, please use Google Maps API Premier. See this FAQ for more information.
- **You may not alter or obscure the logos or attribution on the map.**
- **You must indicate whether your application is using a sensor** (such as a GPS locator) to determine the user's location.
- You may use the API (except for the Static Maps API) in websites or in software applications. For websites, please sign up with the URL where your implementation can be found. For other software applications, please sign up with the URL of the page where your application can be downloaded.
- **Google will upgrade the APIs periodically.** To be notified of updates, please subscribe to the announcements lists.
- Remember that we reserve the right to suspend or terminate your use of the service at any time, so please read through the FAQ and forum posts to decide whether your site meets the Terms of Use before you begin API integration.

Last updated: November 26, 2008

1. Your relationship with Google.

1.1 Use of the Service is Subject to these Terms. Your use of any of the Google Maps/Google Earth APIs (referred to in this document as the "Maps API(s)") or the "Service") is subject to the terms of a legal agreement between you and Google Inc., whose principal place of business is at 1600 Amphitheatre Parkway, Mountain View, California 94043, United States ("Google"). This legal agreement is referred to as the "Terms".
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.2/jquery.min.js"></script>
<script type="text/javascript" src="js/jquery-location.1.0.0.js"></script>
<script type="text/javascript">
  $(document).ready(function()
  {
    $('#locations2').location({
      'apiKey' : 'YOUR_API_KEY_HERE'
    });
  });
</script>
<table>
<thead>
<tr>
<th>Restaurant Name</th>
<th>Address</th>
<th>Phone Number</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Muck-N-Dave's Texas BBQ</td>
<td>1603 South Congress, Austin, TX 78704 USA</td>
<td>512-590-3387</td>
<td>~0.4 miles</td>
</tr>
<tr>
<td>The Shed BBQ Rolling Joint</td>
<td>1816 E 6th Street, Austin, TX, 78702 USA</td>
<td>504-432-4718</td>
<td>~1.5 miles</td>
</tr>
<tr>
<td>Old School BBQ and Grill</td>
<td>2326 E Cesar Chavez St, Austin, TX, 78702 USA</td>
<td>512-974-6830</td>
<td>~1.9 miles</td>
</tr>
<tr>
<td>Old School BBQ and Grill</td>
<td>2907 E MLK Jr Blvd., Austin, TX, 78702 USA</td>
<td>512-974-6830</td>
<td>~2 miles</td>
</tr>
<tr>
<td>Franklin Barbecue</td>
<td>3421 N. 1-35, Austin, TX, 78756</td>
<td>512-653-1187</td>
<td>~2.7 miles</td>
</tr>
<tr>
<td>Snow's BBQ</td>
<td>516 Main Street, Lexington, TX 78947 USA</td>
<td>979-773-4640</td>
<td>~52.1 miles</td>
</tr>
</tbody>
</table>

http://2010.incontrolconference.com/eats/
<div class="vcard">
  <a class="url fn n" href="http://www.theqcard.com/">
    <span class="given-name">Jane</span>
    <span class="additional-name"></span>
    <span class="family-name">Smith</span>
  </a>
  <div class="org">Old School BBQ and Grill</div>
  <div class="adr" data-longitude="-97.723410" data_latitude="30.262098">
    <div class="street-address">2907 E MLK Jr Blvd.</div>
    <span class="locality">Austin</span>,
    <span class="region">TX</span>,
    <span class="postal-code">78702</span>
    <span class="country-name">USA</span>
  </div>
  <div class="tel">512-974-6830</div>
</div>
```javascript
$('locations').location({
    apiKey: 'YOUR_API_KEY_HERE',
    geodata: '#geodata', // site visitor's location
    notification: '.notification', // progress indicator
    recheck: '.recheck',
    distance: '.distance', // where the distance appears
    geoAdr: '.geoAdr', // longitude and latitude
    listElement: 'li' // different listing element
});
```
XHTML, ...I THINK I WANT TO SEE ANOTHER MARKUP SPEC.
TAKE AWAYS

• New HTML5 elements for improved semantics
• HTML5 Audio
• HTML5 Video
  • Online video with HTML+JS captioning
• HTML5 Geolocation
RECOMMENDED

- *Universal Design for Web Applications* by Matt May and Wendy Chisholm

- *Bulletproof Ajax* by Jeremy Keith

- *Designing with Progressive Enhancement* by Filament Group

- *Microformats Made Simple* by Emily Lewis
UPCOMING E4H EVENTS

• Online, live 3rd Annual CSS Summit on July 26-27th

• Online, live Mobile JavaScript Summit on Aug. 30th

• Online, live 2nd Annual Accessibility Summit on Sept. 27th

• More details at http://twitter.com/@e4h
THANK YOU!

Christopher Schmitt

schmitt@heatvision.com

http://twitter.com/teleject