




OCLC.ORG 2011

HTML5

DESIGN



Christopher Schmitt | <http://twitter.com/@teleject>



THINGS ARE GOOD
BETWEEN US, XHTML,
RIGHT?

I MEAN. WE GET ALONG WELL.
AND WE BOTH LIKE STUFF.

<http://dev.opera.com/articles/view/mama-markup-validation-report/>

PAIN 100%

100% Natural

NET WT. 3.75 OZ. (107G) HOT SAUCE

“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.”

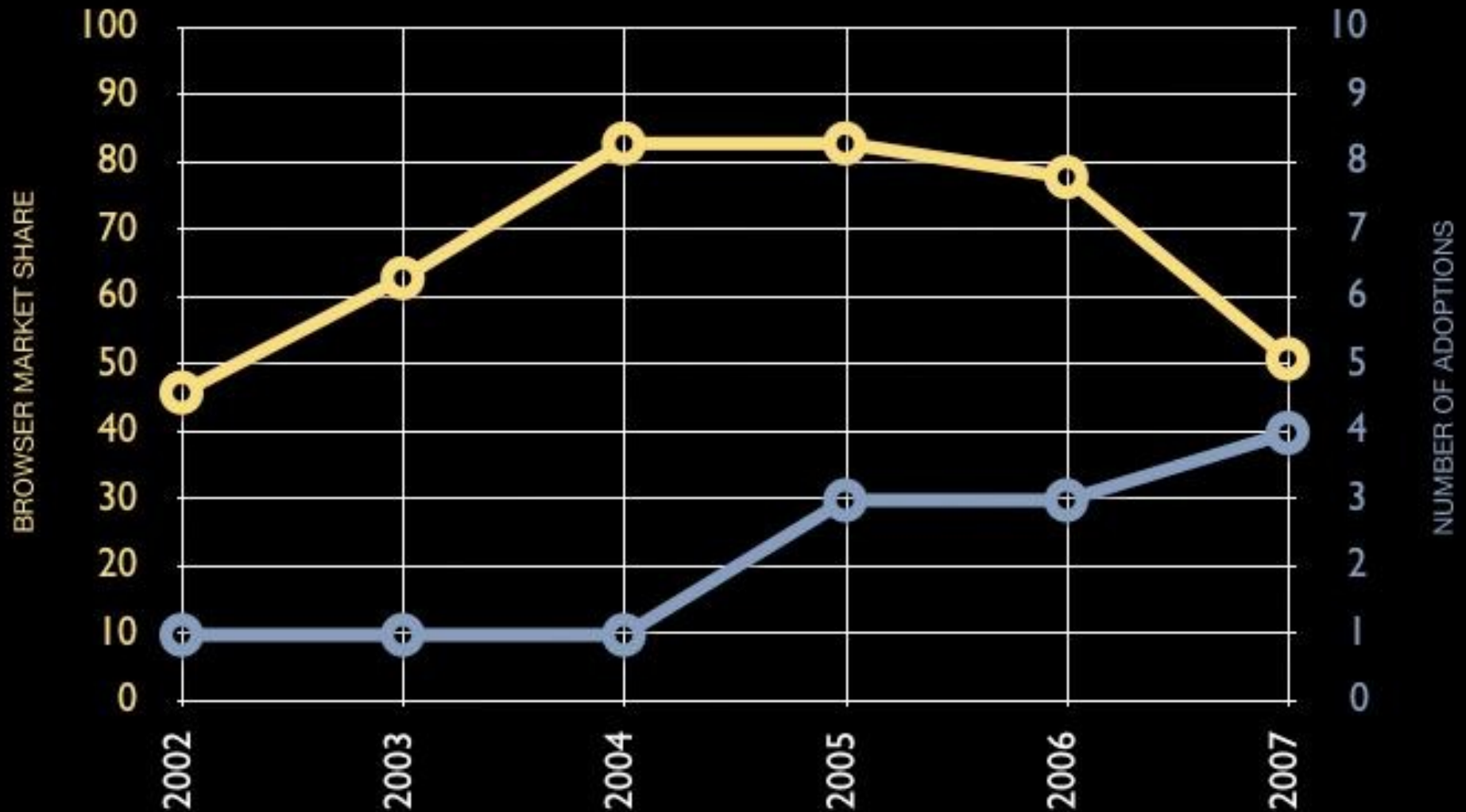


SIR TIM BERNERS-LEE

Know Your Adoption Rate

Win IE 6

Angelina Jolie









PREVIOUS | MAIN | NEXT

Removing Microformats from bbc.co.uk/programmes

Michael Smethurst | 23 Jun 08

Since [/programmes](#) first [went live](#) v data was accessible to people and at the application design stage. Similar to HTML pages as a lightweight API. microformat to add start times, end

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 ~~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

:: About the BBC Radio Labs blog
BBC Radio Labs is from BBC Audio & Music Interactive. This is where we

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- the potential fencing off of abbreviations to domains that need them (travel - [airport codes](#), finance - [ticker symbols](#) etc)

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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

- :: [tristanf](#) on We're Playing Your



web 2.0

"Chocolate Rain" Original Song by Tay Zonday



This is a video response to "Explode" Original Song by Tay Zonday

Rate: ★★★★★ 186,878 ratings

Views: 34,889,853

Share

Favorite

Playlists

Flag

Send Video

MySpace

Facebook

more share options

Also Watching Now (1)

Active Sharing Off (Change)



Advertisement

Add Tay on FACEBOOK! TAYZONDAY.COM



TayZonday

April 22, 2007

(more info)

Subscribe

GET RINGTONES!!: <http://linyurl.com/5nz634> REMIX ALBUM!! <http://www.playtay.com/> SHIRTS!! <http://www.tayshirt.net> SHIRTS!! FREE MP3! Right-click and SAVE! <http://www.tayzonday.net/Ta...> This MP3...

URL <http://www.youtube.com/watch?v=EwTZ2xpQwpA>

Embed `<object width="425" height="344"><param`

More From: TayZonday



"Remembering You" Original Song By Tay Zonday

285,300 views

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:

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



Markup Validation Service

Check the markup (HTML, XHTML, ...) of Web documents

Jump To: [Notes and Potential Issues](#) [Congratulations · Icons](#)

This document was successfully checked as HTML5!

Result: Passed, 3 warning(s)

Source :

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

Encoding : utf-8

(detect automatically)

Doctype : HTML5

(detect automatically)

Root Element: html



The W3C validators are hosted on server technology donated by HP, and supported by community donations. [Donate](#) and help us build better tools for a better web.

Options

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



Markup Validation Service

Check the markup (HTML, XHTML, ...) of Web documents

Jump To: Potential Issues Congratulations · Icons

This document was successfully checked as HTML5!

Result: Passed, 1 warning(s)

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.

Encoding : utf-8 (detect automatically)

Doctype : HTML5 (detect automatically)

Root Element: html

Options

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

[Help](#) on the options is available.

Revalidate

SYNTAX

<video controls=“controls”>

EVERYTHING THAT
WAS BAD IN 1999

IS GOOD AGAIN

Britney Spears

...baby one more time



PAGE **STRUCTURE**

DIV ID="header"

DIV ID="nav"

DIV ID="section"

DIV ID="article"

DIV ID="sidecolumn"

DIV ID="footer"

<HEADER>

<NAV>

<SECTION>

<ARTICLE>

<ASIDE>

<FOOTER>

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
datettime="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

Epsum factorial non deposit quid pro quo hic escorol. Olypian quarrels et gorilla congolium sic ad nauseum. Souvlaki ignitus carborundum e pluribus unum. Defacto lingo est igpay atinlay. Marquee selectus non provisio incongruous feline nolo contendre. Gratuitous octopus niacin, sodium glutimate. Quote meon an estimate et non interruptus stadium. Sic tempus fugit esperanto hiccup estrogen. Glorious baklava ex librus hup hey ad infinitum.

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](#).

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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/>



Heading

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About This Entry

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:

```
.multiplebgs div p {  
  /* properties for browsers that  
  support multiple backgrounds */  
}  
.no-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

Modernizr detects support for:

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



RSS

Modernizr on Twitter

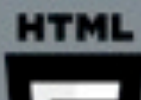
Yepnope.js is integrated into our custom builder <http://goo.gl/pbGPe>. You can load scripts & styles conditionally, perfect for polyfills! 3 days ago

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

[SEE MORE TWEETS »](#)

Modernizr & HTML5

Modernizr is the right micro-



<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 cssreflections  
csstransforms csstransforms3d csstransitions  
video audio localstorage sessionstorage  
webworkers applicationcache fontface">
```

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

	FF3.5+	S4+	Ch3+	Op10.5+	IE9
Ogg Vorbis	Y		Y	Y	
MP3		Y	Y		Y
WAV	Y	Y		Y	

SUPPORTING AUDIO

<audio controls autobuffer>

<source src="html5audio.mp3" />

<source src="html5audio.ogg" />

<!-- 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/4GuKSqAg5xl&hl=en&fs=1"></
param><param name="allowFullScreen" value="true"></
param><param name="allowscriptaccess" value="always"></
param><embed src="http://www.youtube.com/v/
4GuKSqAg5xl&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.ogg"
width="320" height="240" controls
poster="html5testvideoposter.jpg">
  <a href="html5testvideo.ogg">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>
<bvideo src="html5test.ogg"
  width="320" height="240" controls
  poster="html5testvideoposter.jpg">
  <a href="html5testvideo.ogg">Download movie</a>
</bvideo>
  </body>
</html>
```

DEMO

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 posterframe. 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.

HTML5 VIDEO

- 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...

HTML5 VIDEO

“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.”

- <http://www.whatwg.org/specs/web-apps/current-work/#video-and-audio-codecs-for-video-elements>

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

	FF3.6+	S	Ch5+	Op10.6+	IE9
Ogg	Y		Y	Y	
H.264		Y	Y*		Y
WebM	(W4.02+)		(Ch6+)	Y	

Select new file Save Ogg

NewOrleans2006.dv

- ▶ Preset: Web Video Theora, Vorbis 400kbs & 400px max width
- ▶ Encoding range
- ▶ Basic quality and resolution control
- ▶ Metadata for the clip
- ▶ Advanced video encoding controls
- ▶ Advanced audio encoding controls

<http://firefogg.org/>

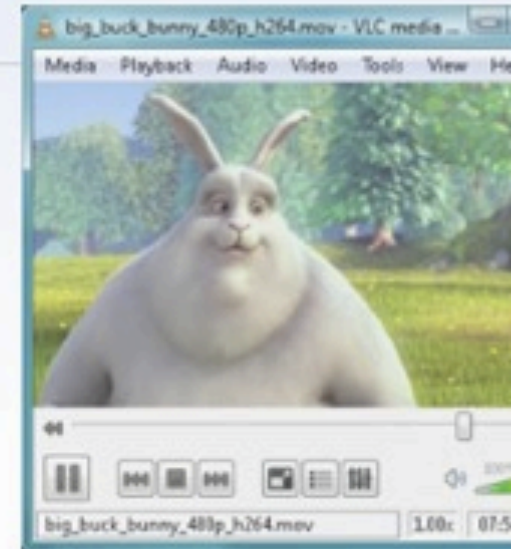
VLC media player

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](#)
- ↓ [Mac OS X](#)
- ↓ [Syllable](#)

GNU/Linux

- ↓ [Debian GNU/Linux](#)
- ↓ [Ubuntu](#)
- ↓ [Mandriva Linux](#)
- ↓ [Fedora](#)
- ↓ [ALT Linux](#)
- ↓ [Arch Linux](#)

VLC 1.0 downloads: **162,141,091**

4.7 downloads per second

Features

For more information about what features are supported on your operating system, please see the [full feature list](#). You can also have a look at some [VLC screenshots](#).

Documentation

See the [documentation page](#).

<http://www.videolan.org/vlc/>

Source [Dropdown] Start [Play Icon] Add to Queue [Add Icon] Show Queue [Queue Icon] Preview [Preview Icon] Activity Window [Activity Icon]

- Video File [Selected]
- DVD/VIDEO_TS Folder
- [No DVD Drive Ready]

Angle: [Dropdown] Chapters: [Dropdown] through [Dropdown] Duration: --:--:--

File: [Text Field] Browse

Output Settings (Preset: Normal)

Container: MP4 File [Dropdown] Large file size Web optimized iPod 5G support

Picture [Selected] Video Filters [Tab] Video [Tab] Audio [Tab] Subtitles [Tab] Chapters [Tab] Advanced [Tab]

Size

Source: -- Aspect Ratio: --
Width: 480 [Spin] Height: 0 [Spin]
 Keep Aspect Ratio

Anamorphic: Strict [Dropdown]
Display Size: 0x0

Cropping

Automatic
 Custom

Top: 0 [Spin]
Left: 0 [Spin] Right: 0 [Spin]
Bottom: 0 [Spin]

<http://handbrake.fr/>

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/>



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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 mixtures 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](#)



Broadcast Yourself™

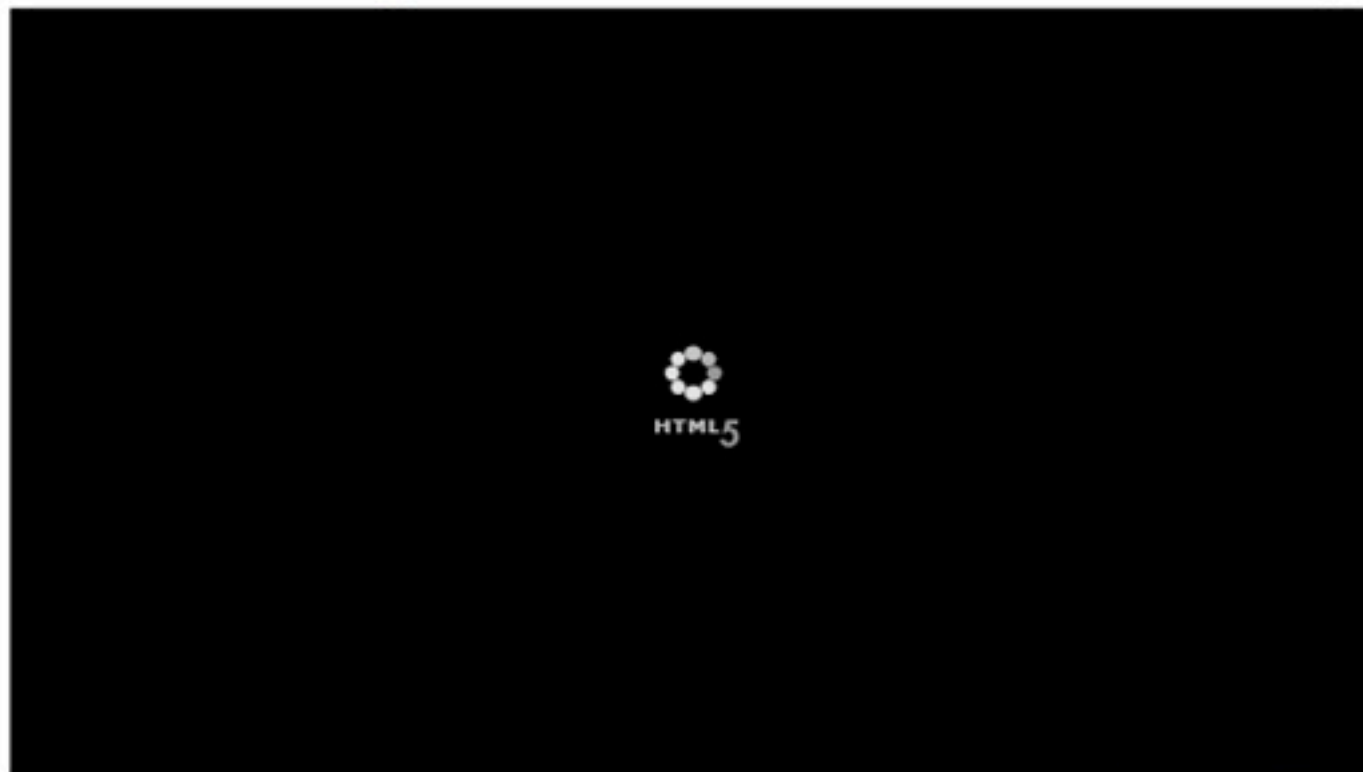
Home Videos Channels Shows

Search

teleject Sign Out

Subscriptions History Upload

Drunk Canadian begs for Taser



☆☆☆☆☆ 136 ratings

14,135 views

Favorite Share Playlists Flag

Send Video Twitter Facebook (more share options)

Statistics & Data

Video Responses (0)

Post a Video Response

Text Comments (296) Options

Post a Text Comment

Dfanatic1 (2 seconds ago)

66

Reply | Spam



jimlan33

February 16, 2010

(more info)

Subscribe

Phoenix International Airport 2/15/10

URL <http://www.youtube.com/watch?v=04QF90>

Embed `<object width="425" height="344"><param`

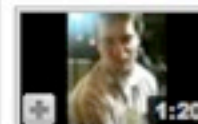
More From: jimlan33

Related Videos



Canada - Police State.wmv

213 views
captaindroy



Peter Drunk

153 views
maff827



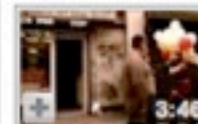
Drunk Canadian at a Carolina Panthers tailgate

1,333 views
bludden



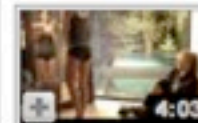
Me Getting TASERED! : Life Experiment

912 views
lifeexperiment



Tal Bachman - She's So High

1,700,701 views
TalBachmanVEVO



Bon Jovi - (You Want To) Make A Memory

412,934 views
BonJoviVEVO



Three Days Grace - Home

```
<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

Home 

Getting Started

- LD Basics
- ADHD Basics
- Questions + Answers
- Glossary

LD Topics




- About LD
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Captioned Media: Literacy Support for Diverse Learners

By: National Center for Technology Innovation and Center for Implementing Technology in Education (2010)

In a typical classroom, a teacher may find many students who are struggling readers, whether they are beginning readers, students with language-based learning disabilities, or students who are English language learners (ELLs). One motivating

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 BOOKMARK 

[Captioning] has been shown to improve reading skills among adults who are non-readers.

available on television programming, live newscasts, movies, and sporting events.² Additionally, web-based applications have made it increasingly easy for producers to caption online video, opening up more options for accessible media.

The increased availability of captioned media, whether on educational videos, popular movies, or live television broadcasts, allows teachers to begin incorporating more accessible media easily into their classrooms. As more teachers began using captions in their classroom, many found that captions could help support a wide variety of learners, beyond their deaf or hard of hearing students.

The use of captioned or subtitled media can be a great tool for teachers looking to differentiate classroom instruction.

Presenting information in multiple ways and using motivating media can help address the diverse needs of learners in the

bestselling DVD



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Lindamood-Bell Learning Processes

yellow pages

<http://www.ldonline.org/article/35793>

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Captions for Video with Flash CS3

In: [Articles](#)By [Tom Green](#)

Published on June 4, 2007

Got something to say?

[Share your comments](#) on this topic with other web professionals

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.

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Publishing services provided by [Blue Flavor](#)

Photos provided courtesy of [iStockPhoto.com](#)

Cherry Chocolate Rain - HTML5 Video with Captions demo

toggle captions switch subtitles on switch subtitles off show transcript
English



DEMO

QUICK & **DIRTY** **CAPTIONING**



teleject

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johnmcc / jCaps

Unwatch

Fork

Download Source

6

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Source

Commits

Network (2)

Issues (0)

Downloads (3)

Wiki (1)

Graphs

Branch: master

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

This URL has Read-Only access

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

commit 1c317704ccaca6c7fa258337f9c6a2f8fb79a2e6
tree 1e1ea4bd1bda8b95ee407150b613ef997b03eb33
parent eb04a9a02e9d2c6fdd89339a2ea0290f241a5456



John McCollum (author)
about 18 hours ago

jCaps /

name	age	message	history
README	March 29, 2010	Added support for .srt caption files [John McCollum]	
README~	March 29, 2010	Added support for .srt caption files [John McCollum]	
index.html	about 18 hours ago	Added callback function to be called when capti... [John McCollum]	
jquery.jcap.js	about 18 hours ago	Added callback function to be called when capti... [John McCollum]	
jquery.jcap.min.js			hn McCollum]
leverage-a-synergy.ogv			
speechbubble.gif	February 20, 2010	warning - broken at the moment [John]	
styles.css	5 days ago	Refactored timeupdate function [John McCollum]	

<http://github.com/johnmcc/jCaps>

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t
alkan's introduction to th...

AudioSwap

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Captions and Subtitles

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s introduction to the 2010 online UX Web Summit

s introduction to the 2010 online U...



Available Caption Tracks



English: Machine Transcription

Download

Add a Caption Track

Add New Captions or Transcript

0:00:00.470,0:00:02.070

welcome to the US led senate

0:00:02.070,0:00:06.760

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

0:00:06.760,0:00:08.849

your house today are Christopher schmidt

0:00:08.849,0:00:13.519

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

0:00:13.519,0:00:18.859

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

0:00:18.859,0:00:24.570

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

0:00:24.570,0:00:29.310

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

0:00:29.310,0:00:32.470

and those barren environments for humans

0:00:32.470,0:00:35.819

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

0:00:35.819,0:00:41.550

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

0:00:41.550,0:00:45.100

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. "movienam**-eng.srt**" for English and "movienam**-ger.srt**" for German subtitles.

TRANSCRIPT-EN.SRT

1

00:00:00,000 --> 00:00:06,000

Allow me to introduce myself My name is Tay It's T-A-Y,T-A-Y to the Z

2

00:00:06,000 --> 00:00:09,000

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

3

00:00:09,500 --> 00:00:11,500

Wrote a song about that history Chocolate Rain

4

00:00:12,000 --> 00:00:15,000

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

Starbucks, near Cincinnati, OH

Starbucks® Coffee Sponsored Links
 It's not just coffee, it's Starbucks. Explore our coffees.
Starbucks.com

A Starbucks more info
 2692 Madison Rd # K2, Cincinnati, OH - (513) 631-3329
[1 review](#)

B Starbucks more info
 202 W Mcmillan St, Cincinnati, OH - (513) 241-7015
[3 reviews](#)
 "This location is my closest neighborhood Starbucks. I've walked out of this ..."

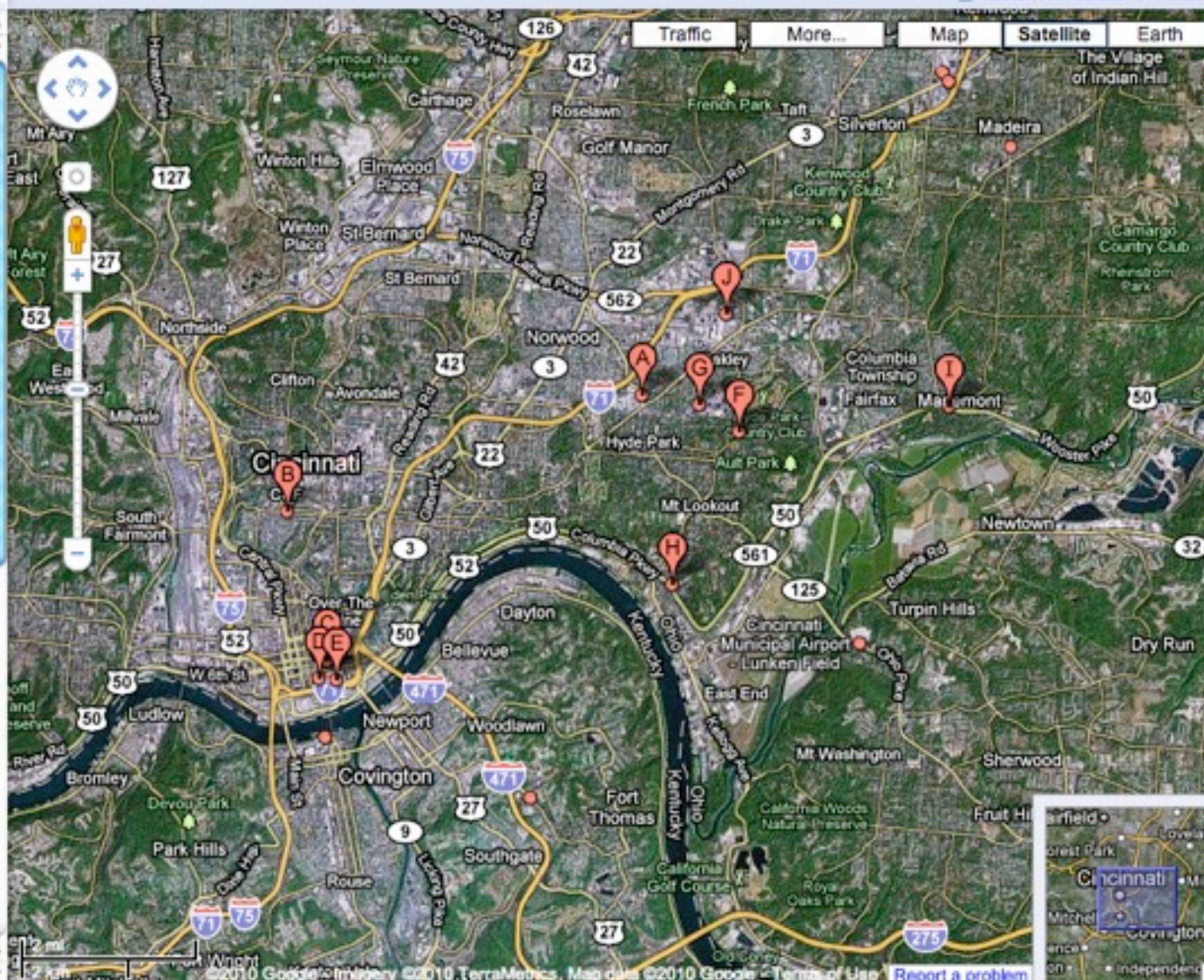
C Starbucks more info
 580 Walnut St # P170, Cincinnati, OH - (513) 621-0567
[1 review](#)

D Starbucks more info
 401 Vine St, Cincinnati, OH - (513) 929-0430
[1 review](#)

E Starbucks more info
 201 E 4th St # B, Cincinnati, OH - (513) 241-4000
[1 review](#)


F Starbucks more info
 3366 Erie Ave, Cincinnati, OH - (513) 533-3402
[1 review](#)

G Starbucks more info
 3786 Paxton Ave # 1, Cincinnati, OH - (513) 321-3373
[1 review](#)



What's happening?

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

 [Add your location](#)

85

Tweet

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@Mentions

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1 new tweet



.Jason Jason Calacanis



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

Request permission only once every 24 hours

Don't Allow

Allow

91 Tweet

Tweets ▾ Searches ▾ Lists ▾

3 new tweets

man ↻ by stop

@jasontanz, it's not the web that's gonna die, it's



Favorites 798

★ **brucefloyd** Zzzzzzz...

"@BreakingNews: WNBA crown

Trends

Worldwide · change

Yom Kippur

Restart vaiado

Followers



Listed 170

Recently

Friends, re

```
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 +  
'.'');  
    }  
}
```

ation Alert Bo



http://ion.christopherschmitt.com

Your latitude is 30.380845600909087 and your longitude is 30.380845600909087.

OK





teleject 15

Dashboard

Inbox 0

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Search...

teleject / HTML5-GeoLocation-jQuery-Plugin

Admin

Unwatch

Fork

Pull Request

11

1

Source

Commits

Network (1)

Fork Queue

Issues (0)

Wiki (0)

Graphs

Branch: master

Switch Branches (1)

Switch Tags (0)

Branch List

A jQuery plugin for sorting a list of addresses using HTML5 GeoLocation. — [Read more](#)[click here to add a homepage](#)

Downloads

SSH

HTTP

Git Read-Only

git@github.com:teleject/HTML5-GeoLocation-jQuer

This URL has **Read+Write** access

added link to simple demo



teleject (author)

4 days ago

commit d0f0e7bf76d878da3e65
tree abaeef71a793853fbc
parent cb868b7e90f9a810fd09

HTML5-GeoLocation-jQuery-Plugin /

name	age	message	history
README	4 days ago	added link to simple demo [teleject]	
jquery-location.1.0.0.js	4 days ago	first commit [teleject]	

README

```
HTML5 GeoLocation jQuery Plugin
http://github.com/teleject/HTML5-GeoLocation-jQuery-Plugin
```

<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">
  </div> http://microformats.org/code/hcard/creator
</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>
```

Google Maps API Family

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Maps Javascript API V3

[Home Page](#)
[Documentation](#)

Maps Javascript API V2

(Deprecated API)

[Home Page](#)
[Documentation](#)

Maps API for Flash

[Home Page](#)
[Documentation](#)

Maps Data API

[Home Page](#)
[Documentation](#)

Maps Web Services

[Geocoding Guide](#)
[Directions Guide](#)
[Elevation Guide](#)
[Places Guide](#)

Static Maps API

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>
```

Q CARD



105 E 5TH ST, AUSTIN, TX 78701, USA RESTAURANT LISTINGS

Muck-N-Dave's Texas BBQ

1603 South Congress, Austin, TX 78704 USA
512-590-3387

~0.4 miles

The Shed BBQ Rolling Joint

1816 E 6th Street., Austin, TX, 78702 USA
504-432-4718

~1.5 miles

Old School BBQ and Grill

2326 E Cesar Chavez St, Austin, TX, 78702 USA
512-974-6830

~1.9 miles

Old School BBQ and Grill

2907 E MLK Jr Blvd., Austin, TX, 78702 USA
512-974-6830

~2 miles

Franklin Barbecue

3421 N. I-35, Austin, TX, 78701 USA
512-653-1187

~2.7 miles

Snow's BBQ

516 Main Street, Lexington, TX 78947 USA
979-773-4640

~52.1 miles

<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>,&br/>  <span class="region">TX</span>,&br/>  <span class="postal-code">78702</span>
```

```
  <span class="country-name">USA</span>
```

```
</div>
```

```
<div class="tel">512-974-6830</div>
```

```
<div class="note dista
```

```
</div>
```

```
http://geocoder.us/
```

```
</div>
```

```
$('#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>