HTML5 Video for WordPress

WordCamp Developers
2011-05-05 Vancouver, BC
#WCDev #html5video
Steve Heffernan, VideoJS & Zencoder
Percent of HTML5 Video Support

Reasons to use HTML5 Video Now

• It’s the future!
• Runs natively in the browser
• Cleaner code
<video src="video.webm" controls></video>
<video controls>
  <source src="video.mp4" type="video/mp4">
  <source src="video.webm" type="video/webm">
  <source src="video.ogv" type="video/ogg">
  <object type="application/x-shockwave-flash" data="flash.swf">
    <param name="movie" value="flash.swf" />
    <param name="flashvars" value="file=video.mp4" />
  </object>
</video>
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<video controls>
  <source src="video.mp4" type="video/mp4">
  <source src="video.webm" type="video/webm">
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<video controls>
  <source src="video.mp4" type="video/mp4"/>
  <source src="video.webm" type="video/webm"/>
  <source src="video.ogv" type="video/ogg"/>
  <object type="application/x-shockwave-flash" data="flash.swf">
    <param name="movie" value="flash.swf"/>
    <param name="flashvars" value="file=video.mp4"/>
    <img src="image.jpg" alt="title" title="Can't play video"/>
  </object>
</video>

<p>
  <strong>Download Video:</strong>
  <a href="video.mp4">MP4</a>
  <a href="video.ogv">Ogg</a>
</p>
Embed Builder

I know, the embed code looks a little complicated. But trust me, it’s the way to go. It’s based on Video for Everybody, which is super compatible. It will even work when a device doesn’t have Javascript, or Javascript is turned off.

I built this embed code builder to help make it a little easier, and hopefully clarify what different sections are for.

### Poster Image
- ![Poster Image](http://video-js.zencoder.com/oceans-clip2.png)

### MP4 Source
- ![MP4 Source](http://video-js.zencoder.com/oceans-clip2.mp4)

### WebM Source
- ![WebM Source](http://video-js.zencoder.com/oceans-clip2.webm)

### Ogg Source
- ![Ogg Source](http://video-js.zencoder.com/oceans-clip2.ogv)

### Flash Source
- ![Flash Source](http://video-js.zencoder.com/oceans-clip2.mp4)

```html
<!-- Begin VideoJS -->
<div class="video-js-box">
    <video class="video-js" width="640" height="264" controls preload="auto" src="http://video-js.zencoder.com/oceans-clip2.mp4" poster="http://video-js.zencoder.com/oceans-clip2.png" type="video/mp4; codecs="avc1.42E01E, mp4v.1.0, mp4a.40.2"">
        <source src="http://video-js.zencoder.com/oceans-clip2.mp4" type="video/mp4; codecs="avc1.42E01E, mp4v.1.0, mp4a.40.2"">
        <source src="http://video-js.zencoder.com/oceans-clip2.webm" type="video/webm; codecs="vp8, vorbis"">
        <source src="http://video-js.zencoder.com/oceans-clip2.ogv" type="video/ogv; codecs="theora, vorbis"">
    </video>

    <!-- Flash Fallback. Use any flash video player here. Make sure to keep the vjs-flash-fallback class -->
    <object class="vjs-flash-fallback" width="640" height="264" src="http://releases.flowplayer.org/swf/flowplayer-3.2.1.swf" type="application/x-shockwave-flash">
        <param name="movie" value="http://releases.flowplayer.org/swf/flowplayer-3.2.1.swf" />
        <param name="allowfullscreen" value="true" />
        <param name="flashvars" value="config/Playlist: http://video-js.zencoder.com/oceans-clip2.png; /" url:="http://video-js.zencoder.com/oceans-clip2.png" />
    </object>
</div>
```
HTML5 Video Format Stats - April 2011

Three Formats

H.264
MPEG-4/AVC

webm

Theora
Ogg
Two Formats
One Format

3+ 9+ 9+ → H.264 MPEG-4/AVC

Wednesday, May 18, 2011
HandBrake now has a GitHub Mirror

Monday, Feb 21, 2011

HandBrake relies on people to volunteer their free time to contribute features, bug fixes and other enhancements, as such, we are trying to make it easier to contribute.

We have now created an official mirror of the HandBrake Subversion repository on GitHub.

Hopefully this will make it easier for people to branch and fork the code and contribute patches back for entry into the main subversion repository.

If you’re a programmer and have spare time, along with skills in C, Obj-C or C#, please feel free to get in touch on our IRC room.

The GitHub mirror can be found Here!

HandBrake 0.9.5: Released!

Monday, Jan 03, 2011

“The function of good software is to make the complex appear to be simple.”
Zencoder.com

Easy-to-use, blazing fast video encoding for your app.
Get started today.

SIGN UP FREE

Stats
SUCCESSFUL: 3781
FAILED: 0
MINUTES ENCODED: 6429
AVERAGE PROCESSING TIME: 00:01:13
AVERAGE QUEUE TIME: 00:00:04

Recent Jobs
Job ID | Input File | Input Duration | Input Size | Outputs | Submitted | Status
453949 | PianoChatroulette.mp4 | 00:05:29 | 51.35 MB | 1 | Less than a minute ago
453948 | user_upload.avi | 00:00:21 | 30.1 MB | 3 | 2 minutes ago

HUNDREDS OF HAPPY CUSTOMERS

Wednesday, May 18, 2011
Browser & Device Issues

- iPad Poster Attribute Bug
- iPad JS in Head / iPhone JS not in Head
- Android Type Attribute Bug
- Autobuffer => Preload
- Missing Poster in Some Safari Versions
- Cross-browser Load Progress Tracking
- HTML5 Browsers Do Not Fallback on Incompatible Sources
Video for Everybody
By Kroc Camen

Video for Everybody is simply a chunk of HTML code that embeds a video into a website using the HTML5 `<video>` element, falling back to Flash automatically without the use of JavaScript or browser-sniffing. It therefore works in RSS readers (no JavaScript), on the iPhone / iPad (don’t support Flash) and on many browsers and platforms.

Thanks to the rapid adoption of HTML5 video happening right now, Video for Everybody isn’t the only solution around. It is not a neatly packaged, fully-featured solution for those unfamiliar with HTML. VFE is for developers who either want something really simple they can quickly use on their blog or websites, or as a good starting point to develop their own custom solution. It does not use JavaScript. Because of this, it does not work on Android versions prior to 2.3 (Gingerbread). That is Google’s fault. If you don’t care about the reasons behind this you should just use a solution like MediaElement.js or VideoJS that do work on older versions of Android.

1. How It Works

If you know how to add an HTML5 video around No Flash, 2.072 GB would be

2. The Code

2.1. IMPORTANT Notes

2.2. Adding Custom Controls

3. Encoding the Videos

3.1. Using HD Video

3.2. A Warning About H.264

3.3. Using WebM Video

4. Related Projects

5. Acknowledgements
Dive into HTML5
By Mark Pilgrim

You are here: Home ▶ Dive Into HTML5 ▶

No 5.
VIDEO ON THE WEB

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DIVING IN

Anyone who has visited YouTube.com in the past four years knows that you can embed video in a web page. But
HTML5 Video and Audio in Depth

http://videojs.com/lynda
HTML5 Video for WordPress

slideshare.net/steveheffernan

@videojs

#WCDev #html5video

Steve Heffernan, VideoJS & Zencoder