

SUPPORTING IE8

DEV+ Workshop I



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Sexy checkboxes

See attached code files

Sexy grid tiles

See attached code files

Internet Explorer (h)8

Released March 2009

5 human years old

10 dog years old

50 tech years old

Rubbish JS rendering engine

Rubbish 'devtools'

Why?

Story Time

Why does everyone freak out?

border-radius

sorry!

box-shadow

uh.

SVGs

nope.

gradients

ha.

HTML5 elements

sod off.

media queries

blimey 'Arry!

the list is endless

dies

my life

is ruined



What we'll need

Virtual Machine + Local Server

Virtual Machines

VMs allow you to emulate an operating system. We require VMs because certain browsers are only available on particular operating systems. IE8 is only available on windows XP

Option 1: Browserstack

<http://www.browserstack.com/>

Cloud based

Multiple OS + Browsers

Device testing

Option 2: Oracle's VirtualBox

VirtualBox: <https://www.virtualbox.org>
VMs for OSX: <https://github.com/xdissent/ievms>

Local Server

MAMP, XAMP, Rails S, Fenix
Fenix: <http://fenixwebserver.com/>

Alternate Styling

HTML5SHI(V/M)

<https://code.google.com/p/html5shiv/>

Browser Specific Stylesheets

Polyfills

Selectivizr: Pseudo-selectors
Respond.js: Media Queries
Modernizr: Detects abilities/inabilities

Pros + Cons

All these techniques allow us to build great looking sites using the latest technologies, but still support older browsers. They don't always look 100% like the intended UI, but its pretty darn close. All these techniques are fairly straight forward to use.

These techniques do slow the site performance down quite a bit. It's a lot of javascript being loaded in and running through your site to assist with browser support.

This is how your site feels in IE8 with all those
polyfills



Thank-you!