RESPONSIVE JAVASCRIPT

Not Your Momma's JavaScript

Rob Tarr

SPARKBOX

Fluid Grids
Flexible Media
\+ Media Queries

RESPONSIVE

Fluid Grids
Flexible Media
Media Queries
\+ JavaScript

AWESOME

THE ROLE OF JAVASCRIPT IN RESPONSIVE

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Progressive Enhancement

"...uses web technologies in a layered fashion that allows everyone to access the basic content and functionality of a web page... while also providing an enhanced version of the page..."

http://en.wikipedia.org/wiki/Progressive_enhancement

Aggressive Enhancement

"...treating content itself as an enhancement."

http://globalmoxie.com/blog/making-of-people-mobile.shtml

Aggressive Enhancement

- http://filamentgroup.com/lab/ajax_includes_modular_content/
- http://github.com/filamentgroup/Ajax-Include-Pattern/
- http://github.com/filamentgroup/quickconcat
- http://24ways.org/2011/conditional-loading-for-responsive-designs

Enhanced Content

Loading content based on media queries

Positioning Content

How do you arrange your content?

- http://github.com/filamentgroup/AppendAround

eCSSential

A better way to load CSS?

- http://github.com/scottjehl/eCSSential
- http://github.com/filamentgroup/quickconcat

Polyfills

A shim that mimics a future API providing fallback functionality to older browsers.

http://paulirish.com/i/7570.png

Polyfills

- http://github.com/scottjehl/Respond
- http://github.com/paulirish/matchMedia.js
- http://github.com/scottjehl/picturefill

PERFORMANCE

ENHANCING USER INTERACTIONS

POLYFILLS

RESPONSIVE JAVASCRIPT - NOT YOUR MOMMA'S JAVASCRIPT

position: fixed

position: fixed

position: fixed

- http://github.com/filamentgroup/fixed-fixed
- http://github.com/scottjehl/Device-Bugs/issues/1

- It’s buggy - proceed with caution
- Keyboard issues when filling out forms

Orientation Change Bug

- http://github.com/scottjehl/iOS-Orientationchange-Fix

respond.js

- http://scottjehl.github.com/respond

matchMedia

- http://github.com/paulirish/matchMedia.js
- http://github.com/sparkbox/mediaCheck
- http://github.com/ten1seven/jRespond

Typography

DRESS RESPONSIVELY
ltd
HOME | ABOUT | SHIRTS | CONTACT
APPAREL FOR RESPONSIVE-BUILDING, MEDIA-QUERYING WEB CITIZENS.
YOU DECIDE
2012
SIZE US UP AND VOTE
WTH?
SHOW ME THE SHIRTS
369
VOTES

Typography

- http://fittextjs.com
- http://www.frequency-decoder.com/demo/slabText
- http://letteringjs.com
- http://www.kernjs.com

Touch

- http://eightmedia.github.com/hammer.js
- http://github.com/jairajs89/Touchy.js
- http://google.com
- http://swipejs.com
- http://flexslider.woothemes.com
- http://marktyrrell.com/labs/blueberry

Code Structure

```
$(function() {
    NAV.init();
});
```

THANKS!

@robtarr

tarr@heysparkbox.com

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