Focused Frontends

by Miles Rausch
http://milesrausch.com

ERMAHGERD HERPERRINKS

Slides
https://slid.es/awayken/2013sdcodecamp

Demo
https://github.com/awayken/2013sdcodecamp

South Dakota Code Camp Feedback
http://tinyurl.com/rsdcc13

http://knowyourmeme.com/memes/ermahgerd

Who Am I?

Miles Rausch

- Web Developer at Security Labs, LLC
- Server side - CFML
- Client side - HTML 5, CSS 3, LESS, RequireJS, &c.
- Some mobile web (which sucks oysters)
- **@awayken**
- **Of Miles Rausch**

The Old Way

```
<br>
 /index.html<br>
 /sessions/index.html
 /submit/index.html
<br>
 /styles/normalize.css
 /styles/styles.css
<br>
 /scripts/jquery.min.js
 /scripts/jquery.someplugin.min.js
 /scripts/scripts.js
<br>
```

Problems

- File size
- Organization
- Uniqueness
- Bloat

The New Way
CSS Preprocessors, JavaScript Module Loaders

```
<br>
 /index.html
 /sessions/index.html
 /submit/index.html
<br>
 /_assets/less/variables.less
 /_assets/less/homepage.less
 /_assets/less/sessions.less
 /_assets/less/submit.less
<br>
 /scripts/require.js
 /scripts/homepage.js
 /scripts/submit.js
<br>
```

Benefits

The biggest benefit is modularity.

- Smaller files
- Better organization
- Uniqueness
- Bloat

Demo

https://github.com/awayken/2013sdcodecamp

Resources
CSS Preprocessors

How to Choose the Right CSS Preprocessor

LESS CSS: **http://lesscss.org/**
Sass: **http://sass-lang.com/**
Stylus: **http://learnboost.github.io/stylus/**

Resources

JavaScript Module Loaders

Comparing popular script loaders

RequireJS: **http://requirejs.org/**
YepNopeJS: **http://yepnopejs.com/**
LABjs: **http://labjs.com/**
Head.JS: **http://headjs.com/**

The End

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