DrupalGov

*Canberra 2014*

# The New ~~Front-end~~ Work Flow: from ticketing to building

John Albin Wilkins
Senior Front-end Developer
PreviousNext

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# @JohnAlbin

## Senior Front-end Developer
## PreviousNext

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Prehistory

1992: Gopher rules the earth

Stone Age

# 1993: HTML 1.0

- I'm a web master!
- Cutting-edge design is:
  <img align="right">

Bronze Age

# 1995: HTML 2.0

- Every page is a snowflake!

# 1996: CSS 1

# 1997: HTML 3.2

# 1998: CSS 2

# 1999: HTML 4.0

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Renaissance

2000: *Some* browsers add CSS

2001: “To Hell with Bad Browsers”

- Design is in one CSS file and shared by all web pages.
- Small sites have 2 designs: homepage and “content” pages.

# 2007: Zen theme

- I make it “big”!
- Large projects require planning.

# Typical tickets

| SITE FEATURES | BACK-END | FRONT-END |
|---|---|---|
| **Events page** | **build** | **theme** |
| **Blog** | **build** | **theme** |
| **White papers** | **build** | **theme** |
| **Podcast** | **build** | **theme** |

# Time spent

| SITE FEATURES | FRONT-END | ↓ Estimate |
|---|---|---|
| **Events page** | **theme** | **2x** |
| **Blog** | **theme** | **1x** |
| **White papers** | **theme** | **1x** |
| **Podcast** | **theme** | **2x** |

Design has a 1-to-many relationship with features

# Time spent

| SITE FEATURES | FRONT-END | ↓ Estimate | ↓ Actual |
|---|---|---|---|
| **Events page** | **theme** | **2x** | **5x** |
| **Blog** | **theme** | **1x** | **0x** |
| **White papers** | **theme** | **1x** | **0x** |
| **Podcast** | **theme** | **2x** | **1x** |

# Seemed like a good idea at the time.

The average completion time

*is a terrible estimate.*

revolution

Industrial

- 2009: OOCSS
- 2012: SMACSS
- 2012: Web components

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# How Leaks about NSA Surveillance Affect America's Role Around the Globe

PRI's The World | June 10, 2013

The hot topic for President Obama's summit this Friday with the Chinese President Xi Jinping was supposed to be over China's efforts at cyber espionage.

Now there's another hot cyber-security topic to add to the agenda. Revelations this week about the US government's ongoing surveillance ...


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The Takeaway | June 09, 2013

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PRI's The World | June 07, 2013

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# What are Design Components?

- “Component” is the same as…
- “Object” in OOCSS
- “Module” in SMACSS
- “Block” in BEM’s Block-Element-Modifier
- “UI Pattern”

# Goals of Design Components

- Reduce CSS specificity
- Reduce applicability by increasing specificity of CSS class name
- Improve maintainability

# Design Component

One class == one consistent style

.navbar

.button

.watermark

.tabs

.teaser

.bio

.more-link

.side-nav

.breaking-news

.pager

# Styleguide Driven Development

kss-node
github.com/kss-node/kss-node

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# Thank you!

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# Questions?

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