

SITTING IN THE DRIVER'S SEAT

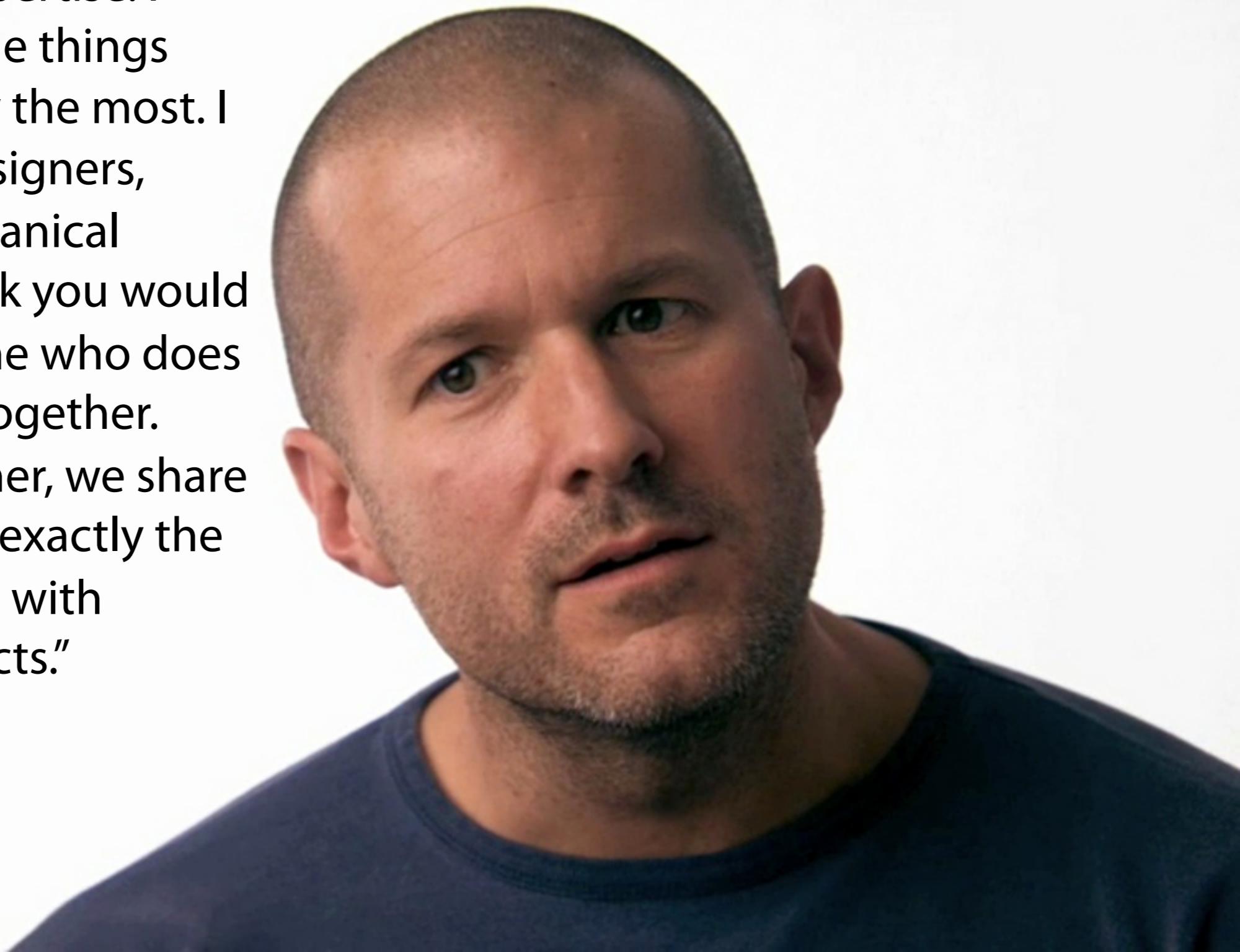
CREATING PRODUCTION READY CSS

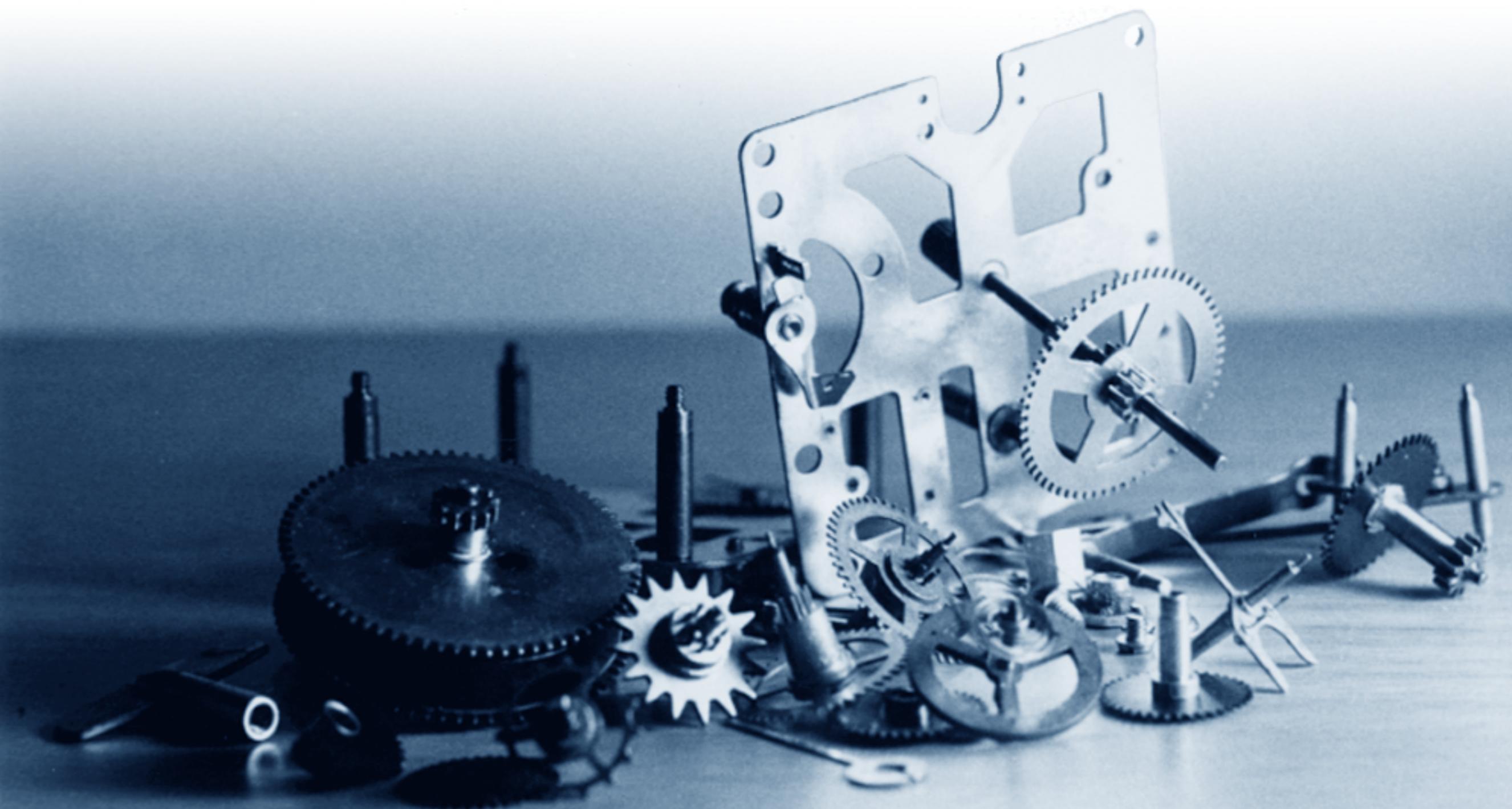
Jack Moffett | @jackmoffett
Senior Interaction Designer
Inmedius, a Boeing Company
designaday.tumblr.com



“The way we work at Apple is that the complexity of these products really makes it critical to work collaboratively, with different areas of expertise. I think that's one of the things about my job I enjoy the most. I work with silicon designers, electronic and mechanical engineers, and I think you would struggle to determine who does what when we get together. We're located together, we share the same goal, have exactly the same preoccupation with making great products.”

Sir Jonathan Ive





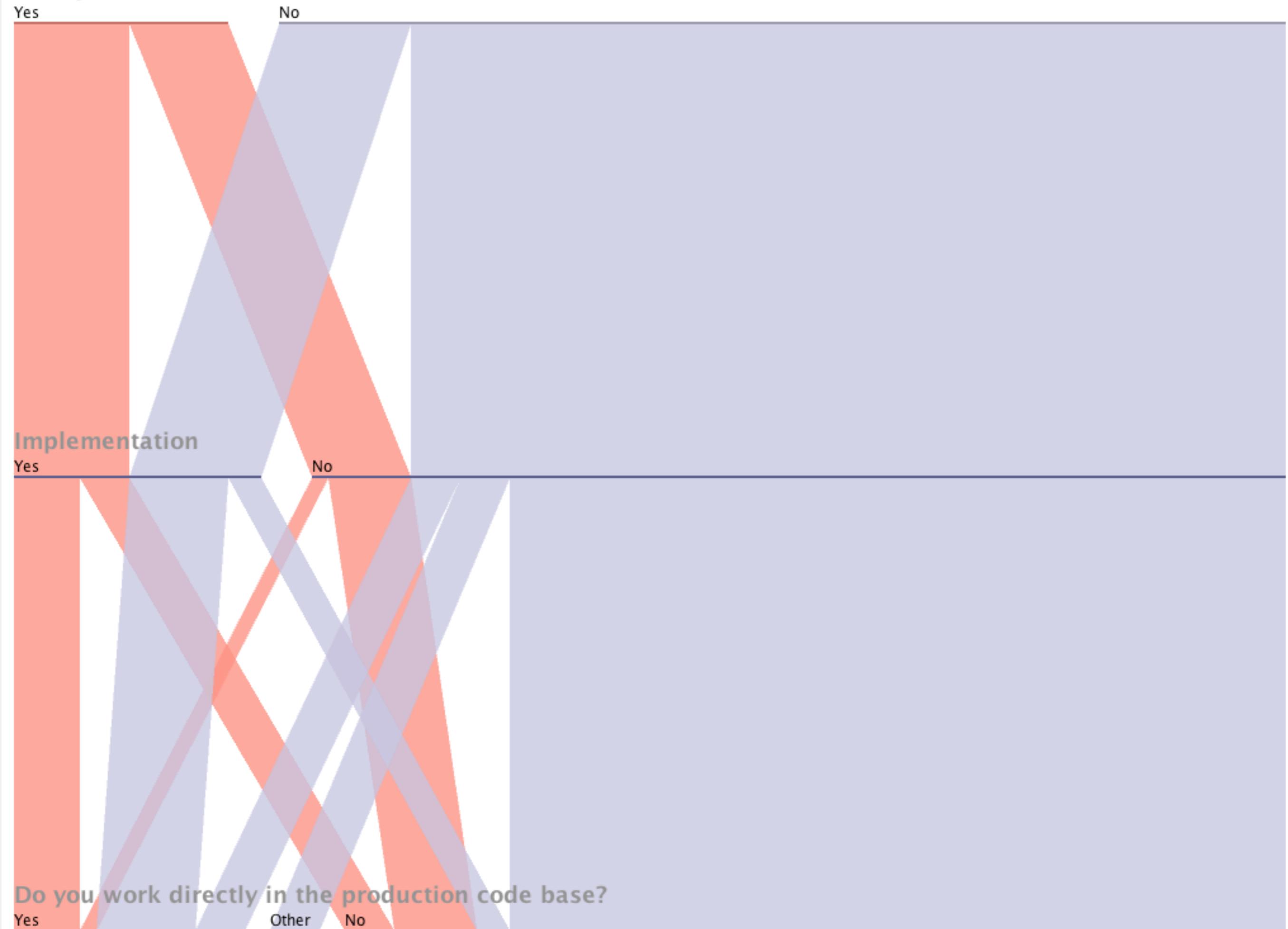
“I get most frustrated when, after providing a pixel-perfect mockup, I see the finished implementation during the testing phase, and it’s drastically different than what I spec’d (fonts, colors, sizes, spacing, alignment, positioning, etc).”



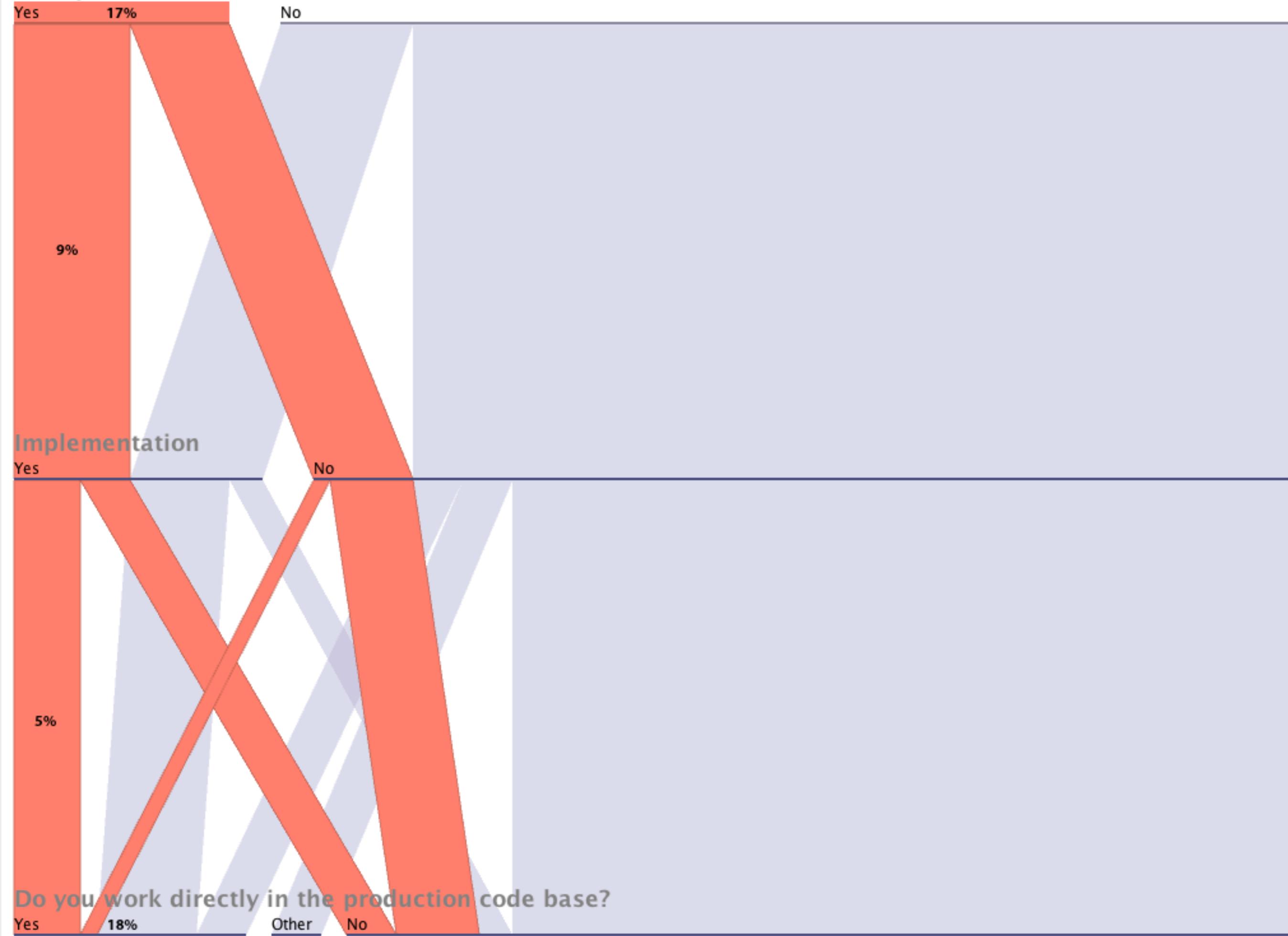
UI Implementation



UI Implementation



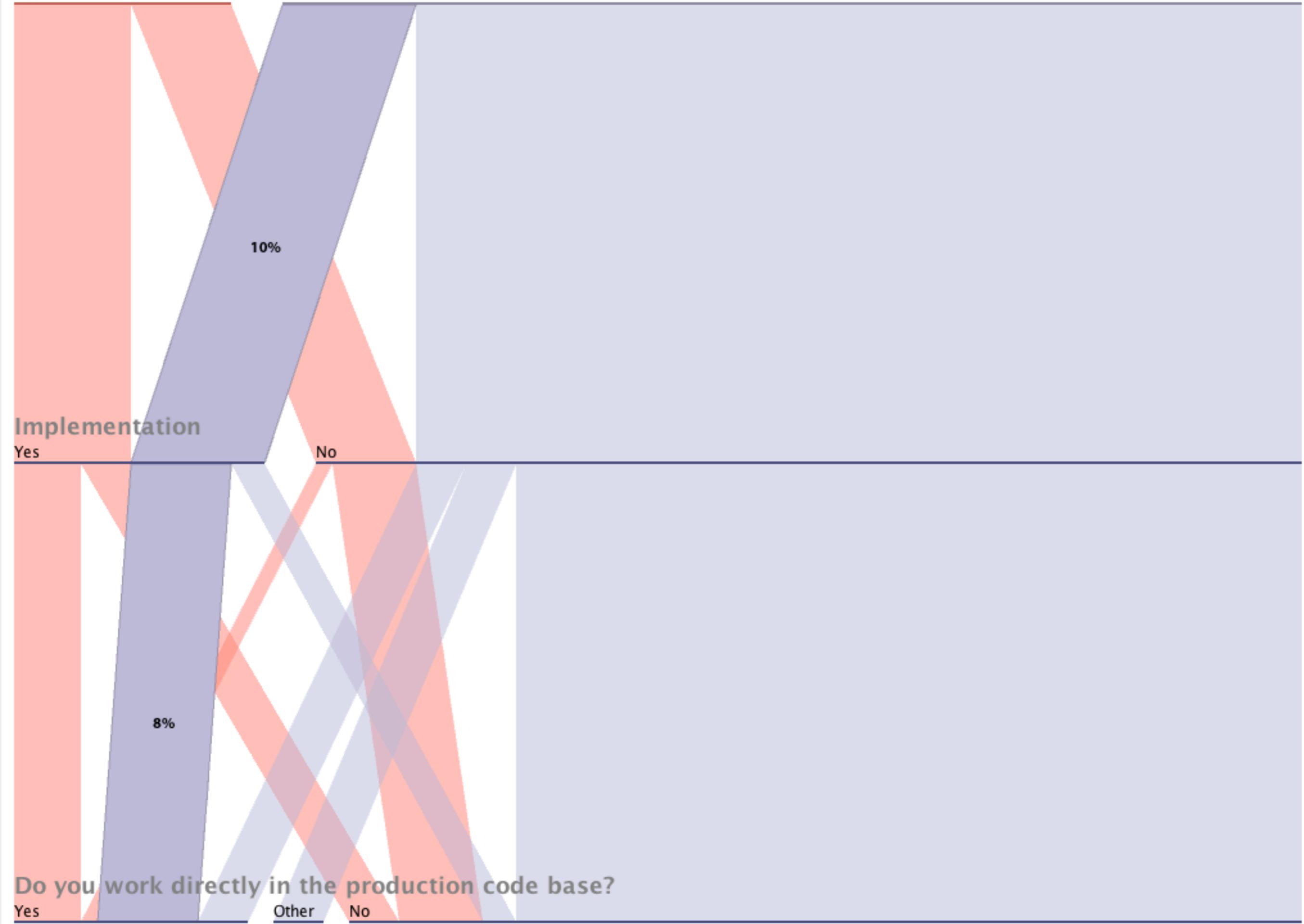
UI Implementation



UI Implementation

Yes

No



WHAT IS YOUR MIX?



“If you’re in a room filled with designers, bring up the topic of whether it’s valuable for a designer to also code. Immediately, the room will divide faster than Moses split the Red Sea. One side will tell you coding is an essential skill, while the other will vehemently argue how it dilutes the designer’s value.”

JARED SPOOL



The image features a large, bold, white-outlined font logo for "DESIGNER TO CODE". The letters are thick and have a three-dimensional, rounded appearance. The "D" in "DESIGNER" and the "C" in "CODE" are particularly prominent. The background is a dark, solid color, and over it is a dense grid of green Japanese characters (kanji and hiragana) arranged in a pattern that looks like binary code or a matrix. This creates a high-contrast, futuristic, and tech-oriented visual.

WILL LEARNING TO CODE
MAKE ME A BETTER
INTERACTION DESIGNER?

“Coding and designing are collections of skills. What we've learned is teams with a better distribution of skills, not segmented by roles, produce better results.”

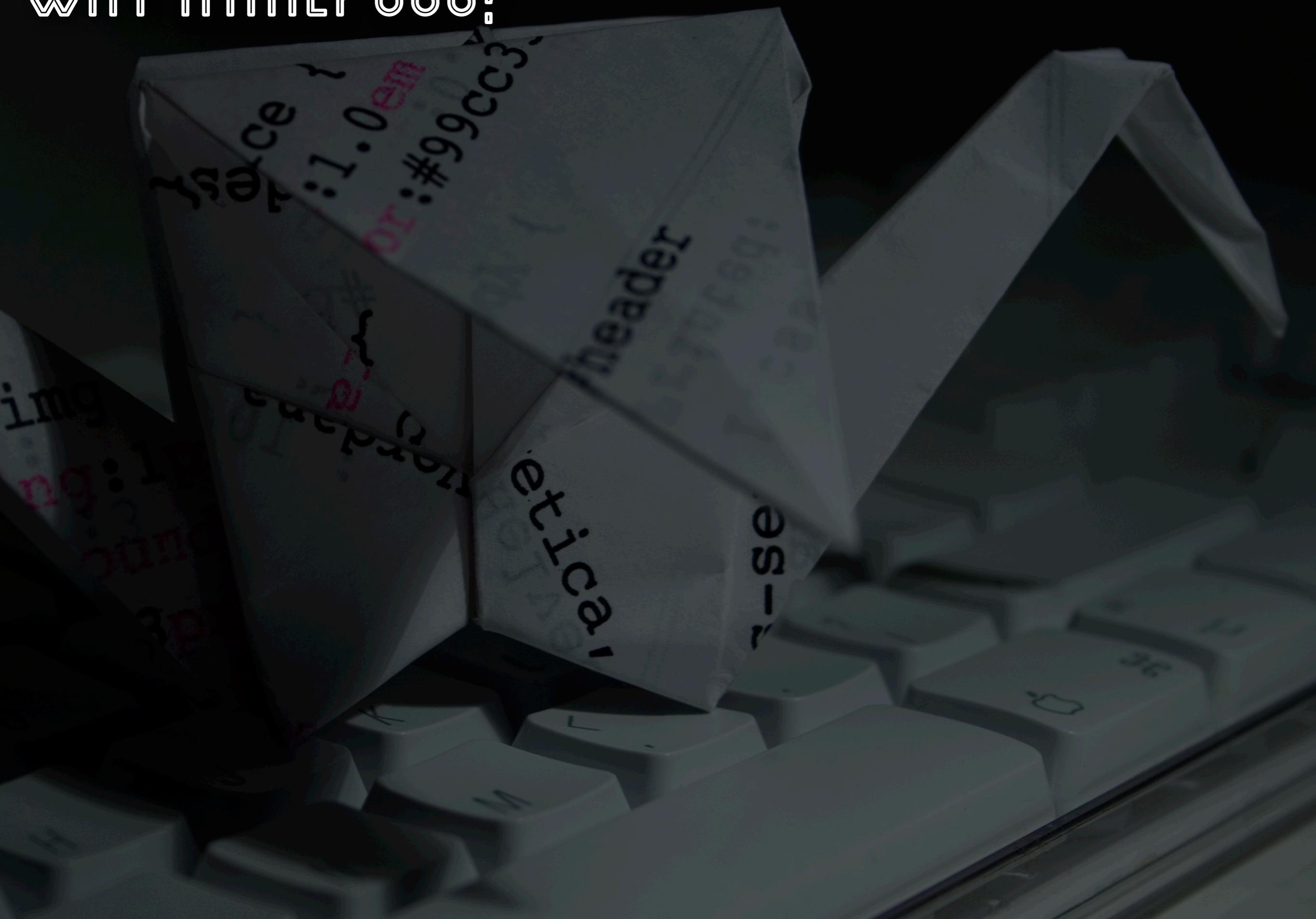


“Coding and designing are collections of skills. What we've learned is teams with a better distribution of skills, not segmented by roles, produce better results.”



WHY HTML & CSS?

WHY HTML/CSS?



WHY HTML/CSS?

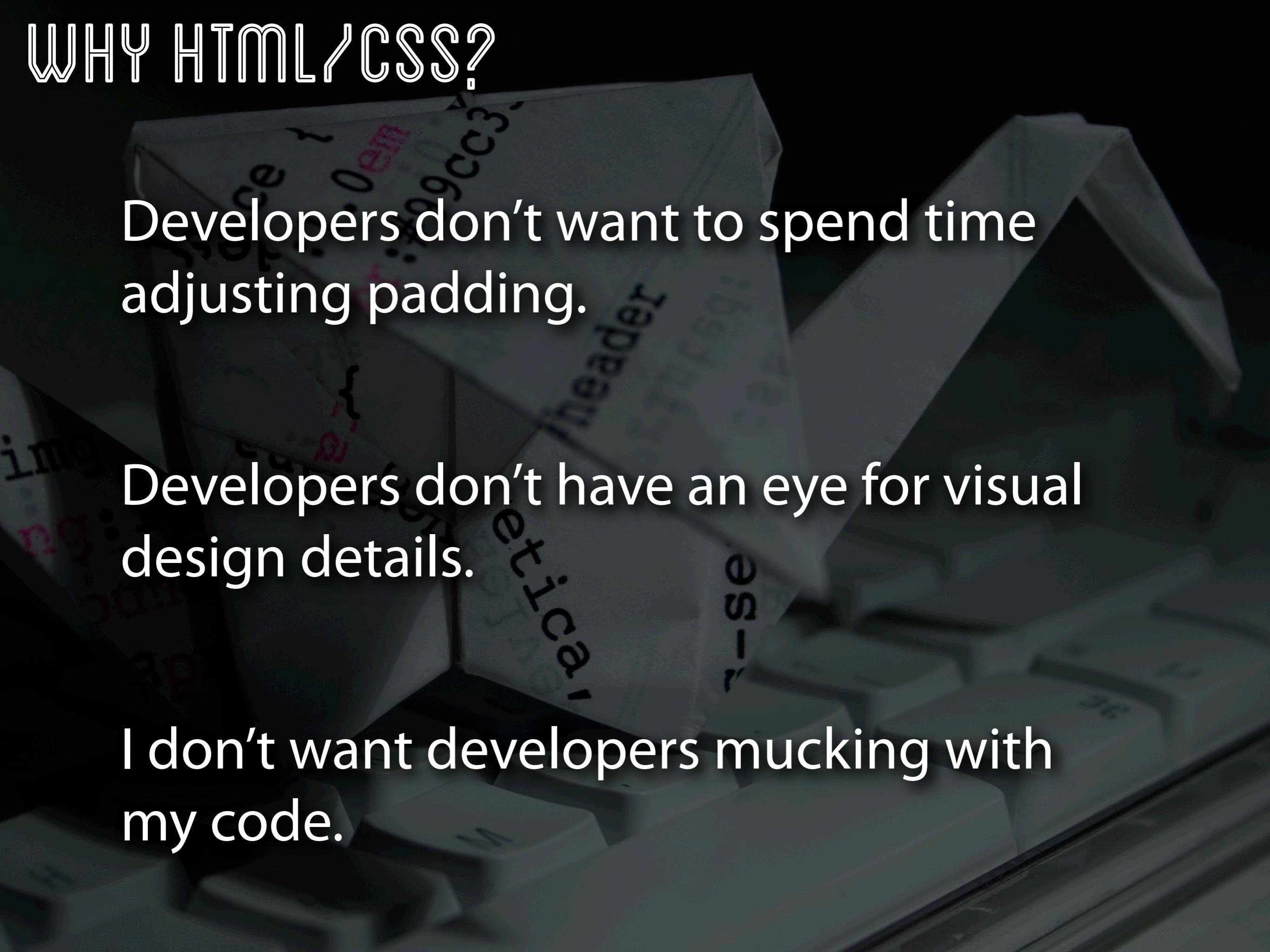
Developers don't want to spend time
adjusting padding.

WHY HTML/CSS?

Developers don't want to spend time
adjusting padding.

Developers don't have an eye for visual
design details.

WHY HTML/CSS?

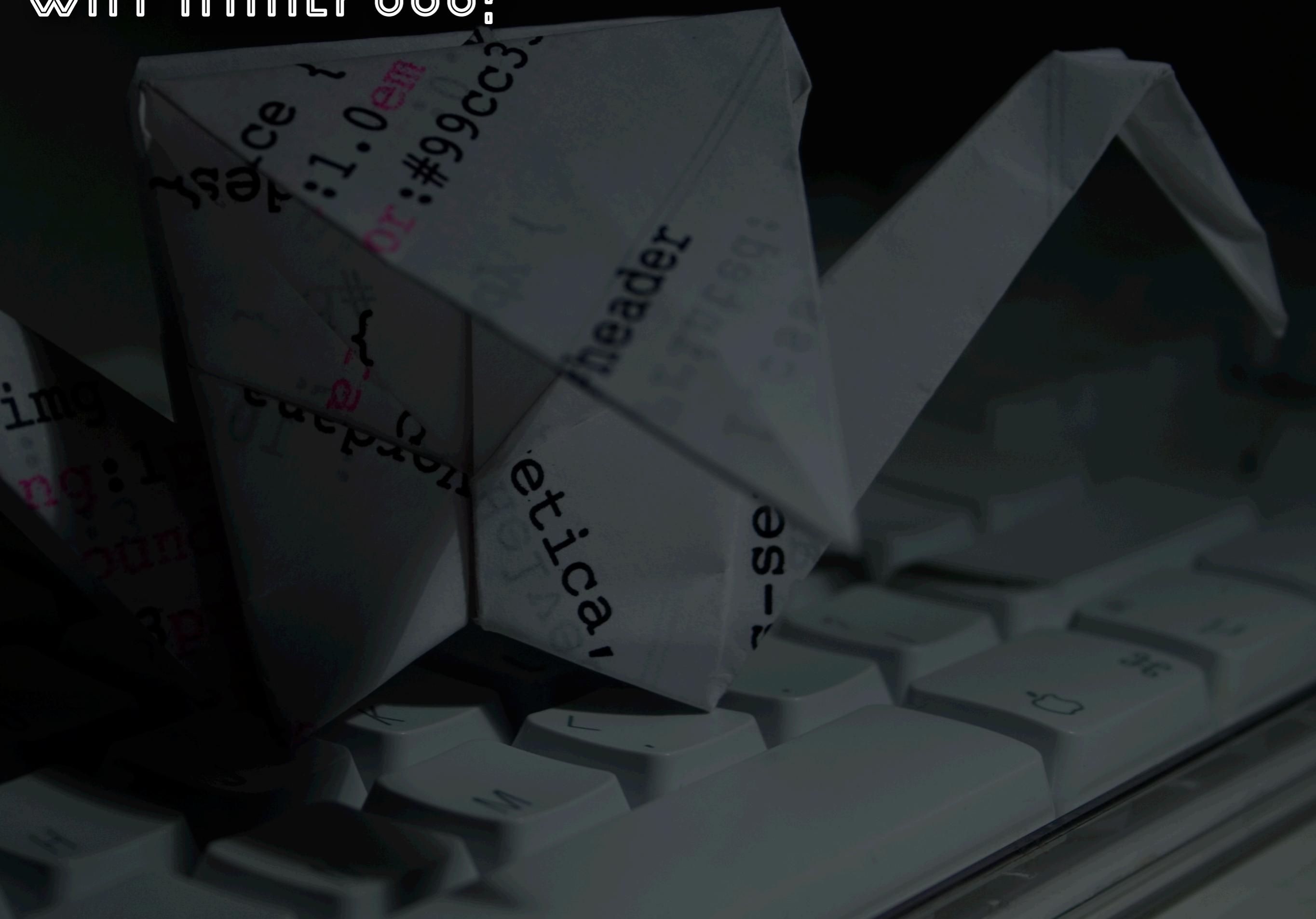


Developers don't want to spend time
adjusting padding.

Developers don't have an eye for visual
design details.

I don't want developers mucking with
my code.

WHY HTML/CSS?



WHY HTML/CSS?

How much time do you spend creating visual design specifications?

WHY HTML/CSS?

How much time do you spend creating visual design specifications?

It takes less time to implement a layout than to specify it.

WHY HTML/CSS?

How much time do you spend creating visual design specifications?

It takes less time to implement a layout than to specify it.

It takes a lot less time to change a layout in CSS than in Photoshop.

TOOLS



A successful tool is one that was used to do something undreamed of by its author. by katerha
<http://www.flickr.com/photos/katerha/5746905652/>

DiscussionPost.class.php — GovHub

```
1 <?php
2
3 /**
4  * DiscussionPost
5  *
6  * This class has been auto-generated by the Doctrine ORM Framework
7  *
8  * @package     MyGovHub
9  * @subpackage  model
10 * @author      Adam Becker
11 * @version     SVN: $Id: Builder.php 7490 2010-03-29 19:53:27Z jwage $
12 */
13 class DiscussionPost extends BaseDiscussionPost
14 {
15     const POST_SORT_HIGHEST = "((0.4 * (upvotes - downvotes)) - (((now() - created_at)/3600)*.005)) + ut.karmamultiplier DESC";
16     const POST_SORT_NEWEST = "created_at desc";
17     const POST_SORT_MOSTDISCUSSED = "cached_replies desc"; // @TODO: take into account time created so we don't have month-old po
18
19     const POST_SELECT_RATINGS = "(SELECT COALESCE(SUM(IF(dr.rating = 1, 1, 0)), 0) FROM DiscussionPostRating dr
20                                 WHERE dr.post_id = DiscussionPost.id) as upvotes,
21                                 (SELECT COALESCE(SUM(IF(dre.rating = 0, 1, 0)), 0) FROM DiscussionPostRating dre
22                                 WHERE dre.post_id = DiscussionPost.id) as downvotes";
23
24
25 /**
26  * Returns domain of a url, used on the hub to display sources for external links.
27  * @return string url domain
28  */
29 public function getUrlDomain(){
30     return str_replace('www.', '', parse_url($this->getUrl(), PHP_URL_HOST));
31 }
32
33 /**
34  * Returns Upvotes - Downvotes + 1
35  */
36 public function getDisplayedRating(){
37     return $this->getUpvotes() - $this->getDownvotes() + 1;
38 }
39
40 /**
41  * Returns the highest rated posts from the Hub, sorted using the "POST_SORT_HIGHEST" algorithm.
42  * @return Doctrine_Collection_DiscussionPost objects
43 }
```

Line: 1 Column: 1 | PHP | Soft Tabs: 4 |

driverSeat_amazonRevision.css — Sitting in the Driver's Seat

Project Settings Action New Style New Group Un/Comment Tools

WORKSPACE Drop or double-click files to open them in tabs here.

PROJECT FILES Amazon Example

- amazon_original.html
- amazon_revised.html
- amazon_vertical.html
- driverSeat_a...Revision.css
- driverSeat_a...onVertical.css
- embedded.css

Graphics

- s9-widget_V396297260.css
- websiteGridC...209_V1.css

Contact List

Form Example

README.md

PUBLISH Add publish servers in the project settings.

```
.productBlock {  
    width: 14.285714285714286%;  
    float: left;  
    font-size: .916em;  
    line-height: 14px;  
}  
  
.productBlock .inner {  
    margin-right: 7px;  
    margin-left: 7px;  
}  
  
.imgBlock {  
    height: 135px;  
    margin-bottom: 4px;  
}  
  
.title {  
    color: #004B91;  
    font-size: 12px;  
}  
  
.descriptor {  
    color: #666;  
}  
  
.price {  
    color: rgb(153, 0, 0);  
    font-size: 14px;  
    line-height: 1.286em;  
    letter-spacing: .025em;  
}  
  
.listPrice {  
    color: rgb(102, 102, 102);  
    text-decoration: line-through;  
}  
  
.ratingBlock {  
    margin-top: 3px;  
    margin-bottom: 3px;  
}  
  
.reviews {  
    margin-left: 6px;  
}  
  
.productBlock div a:link {  
    /* I added the productBlock and div  
       selectors to increase specificity.  
       Without it, some other style in  
       one of Amazon's sheets was taking  
       precedence. */  
    text-decoration: none;  
}
```

NAVIGATOR

- .productBlock
- .productBlock .inner
- .imgBlock
- .title
- .descriptor
- .price
- .listPrice
- .ratingBlock
- .reviews
- .productBlock div a:link
- .productBlock div a:hover
- .s9OtherItems .optLabel

All Text Decoration Layout

Size: 135 px

Margins:

Top:	4 pixels
Bottom:	4 pixels
Left:	4 pixels
Right:	4 pixels

Padding:

Top:	4 pixels
Bottom:	4 pixels
Left:	4 pixels
Right:	4 pixels

Position:

Top:	4 pixels
Bottom:	4 pixels
Left:	4 pixels
Right:	4 pixels

Display:

Float: ← → None

Clear: ⚡ ⚡ ⚡ ⚡ None

Visibility:

Overflow:

Z-index:

Panic Files index buy support transmit TransmitEffects stage.panic.com CSS

/usr/local/apache2/htdocs/panic/transmit/index.html Preview

```
29
30
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72
73
74
75
```

var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-1781-1']);
_gaq.push(['_trackPageview']);

(function() {
 var ga = document.createElement('script');
 ga.type = 'text/javascript';
 ga.async = true;
 ga.src = (location.protocol === 'https:' ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(ga, s);
})();
</script>

</head>

<body id="transmit" oncontextmenu="return false;">
 <!-- Panic Tag -->
 <div id="panic-tag">
 back to panic.com
 </div>
 <div id="to">
 <h1>Transmit</h1>
 <!-- Download Popup -->
 <div id="download">
 <div class="buttonHighlight"></div>

 <h2>Download</h2>
 Click here to get Transmit

 <!-- Download Popup -->
 <table class="popup" id="dpop" onmouseover="showDownloadPopup()" onmouseout="hideDownloadPopup();">
 <tr>
 <td class="corner" id="topleft"></td>
 <td class="top"></td>
 <td class="corner" id="topright"></td>
 </tr>
 <tr>
 <td class="left" colspan="2" style="text-align: center;">TransmitTransmitTransmitTransmit

HTML Clips

Bold Text Selection

Body <body id=""> **Insertion Point** </body>

Div <div id="div_id"> **Text Selection** </div>

Italic <i>Text Selection</i>

Paragraph <p> **Text Selection** </p>

Table <table> <caption></caption> <thead> <tr></tr> </thead> <tbody> <tr></tr> </tbody> </table>

Headings

H1 <h1> **Text Selection** </h1>

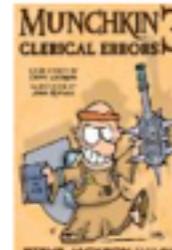
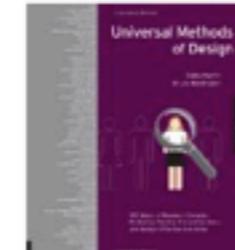
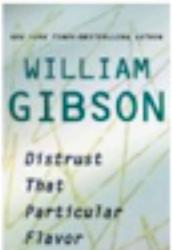
H2 <h2> **Text Selection** </h2>

H3 <h3> **Text Selection** </h3>

H4 <h4> **Text Selection** </h4>

AirPreview 51.4 #

Get Yourself a Little Something

						
Philips Hue Connected Bulb Starter Pack  (7) \$269.99	Munchkin Clerical Errors Steve Jackson Games  (20) \$19.99 \$17.81	Coraline ► Neil Gaiman, P. Craig Russell Paperback  (575) \$6.99	Universal Methods of Design: 100 Ways... Bruce Hanington, Bella Martin Hardcover  (6) \$40.00 \$25.86	Small World Underground Days of Wonder  (19) \$49.99 \$38.03	Audioengine A2 Premium Powered...  (171) \$199.00	Distrust That Particular Flavor ► William Gibson Hardcover  (25) \$26.95 \$19.41

Console HTML CSS Script DOM Net Changes Pixel Perfect cssUpdater

span.s9TitleText < a.title < div.s9hl < div.inner < div.fluid < div.s9OtherItems

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head>
    <div id="page-wrap">
      <div id="content">
        <div id="centercol" class="amabot_center">
          <div id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_Widget" class="unified_widget rcm widget small_heading s9Widget s9Multipack">
            <h2>Get Yourself a Little Something</h2>
            <div id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_r0ItemRow" class="row s9m7">
              <div class="s9OtherItems" style="float: left; width: 100%">
                <div class="fluid asin s9a0" style="float: left; width: 33.1%">
                  <div class="fluid asin s9a1" style="float: left; width: 33.1%">
                    <div class="inner">
                      <div class="s9hl" style="position: relative">
                        <a class="title ntTitle nolinkDecoration" title="Munchkin Clerical Errors" href="">
                          <div class="imageContainer">
                            <span class="s9TitleText">Munchkin Clerical Errors</span>
                          </div>
                        <br clear="none">
                        <div class="t11">Steve Jackson Games</div>
                        <div class="s9CustomerReviews">
                          <span class="newListprice gry t11">$19.99</span>
                          <span class="s9Price red t14">$17.81</span>
                        </div>
                      </div>
                    </div>
                  <div class="fluid asin s9a2" style="float: left; width: 33.1%">
```

Style Computed Layout DOM

```
div, span, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, code, del, dfn, em, q, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption {
  border: 0 none;
  vertical-align: baseline;
}

html, body, div, span, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, code, del, dfn, em, img, q, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption, tbody, tfoot, thead, tr, th, td {
  font-family: inherit;
  font-size: 100%;
  font-style: inherit;
  font-weight: inherit;
}

Inherited from a.title
.widget .rcmBody a.nolinkDecoration, .widget .rcmBody a.noLinkDecoration:visited, .widget .asin a.noLinkDecoration, .widget .asin a.noLinkDecoration:visited, .widget .asinTextBlock a.noLinkDecoration, .widget .asinTextBlock a.noLinkDecoration:visited {
  text-align: left;
  text-decoration: none;
}

.widget .asin a.title {
  text-align: left;
  text-decoration: underline;
}

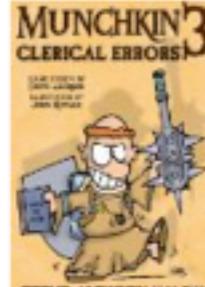
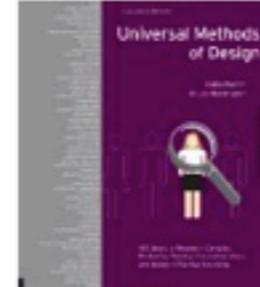
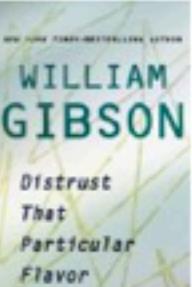
div.unified_widget a:link, div.unified_widget a:visited {
  text-decoration: underline;
}
```

Amazon Original

file:///Users/jack/Dropbox/Sitting%20in%20the%20Driver's%20Seat/DriverSeat/Amazon%20Example/amazon_original.html

Work Design Design Course Personal Entertainment Commercial Yojimbo Bookmark Yojimbo Archive My Delicious bit.ly Other Bookmarks

Get Yourself a Little Something

 <p>Philips Hue Connected Bulb Starter Pack ★★★★☆ (7) \$269.99</p>	 <p>Munchkin Clerical Errors Steve Jackson Games ★★★★★ (20) \$19.99 \$17.81</p>	 <p>Coraline by Neil Gaiman Illustrated by John Rogers Russell Paperback ★★★★☆ (575) \$6.99</p>	 <p>Universal Methods of Design: 100 Ways... Bruce Harington, Bella Martin Hardcover ★★★★☆ (6) \$40.00 \$25.86</p>	 <p>Small World Underground Days of Wonder ★★★★☆ (19) \$49.99 \$38.03</p>	 <p>Audioengine A2 Premium Powered... ★★★★☆ (171) \$199.00</p>	 <p>Distrust That Particular Flavor by William Gibson Hardcover ★★★★☆ (25) \$26.95 \$19.41</p>
--	--	--	---	--	---	---

[See more in your Wish List](#)

Elements Resources Network Sources Timeline Profiles Audits Console

Overflow hidden and padding

<div class="unified_widget rcm_widget small_heading s9Widget s9Multipack" id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_Widget">

<!-- margin, clear both, font size -->

<h2>Get Yourself a Little Something</h2>

<div class="row s9m7" id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_r0ItemRow">

<!-- clear both -->

<div class="s9otherItems" style="float: left; width: 100%">

<div class="fluid asin s9a0" style="float: left; width: 33.1%">..</div>

<div class="fluid asin s9a1" style="float: left; width: 33.1%">

<div class="inner">

<div class="s9hl" style="position: relative">

<a href class="title ntTitle noLinkDecoration" title="Munchkin Clerical Errors">

<div class="imageContainer">..</div>

Munchkin Clerical Errors

<br clear="none">

<div class="t11">Steve Jackson Games</div>

<div class="s9CustomerReviews">..</div>

\$19.99

\$17.81

</div>

</div>

► Computed Style

Styles

element.style {

}

Matched CSS Rules

div, span, object, iframe, websiteGridCSS-websiteGridCSS-14209. V1 .css:21

h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, code, del, dfn, em, q, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption {

border: 0;

vertical-align: baseline;

}

html, body, div, span, websiteGridCSS-websiteGridCSS-14209. V1 .css:10

object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, code, del, dfn, em, img, q, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption, tbody, tfoot, thead, tr, th, td {

font-weight: inherit;

font-style: inherit;

font-size: 100%;

font-family: inherit;

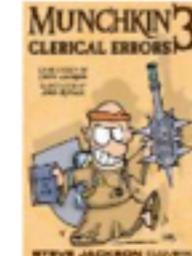
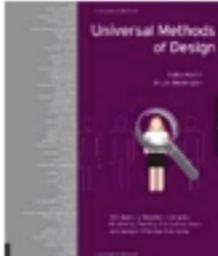
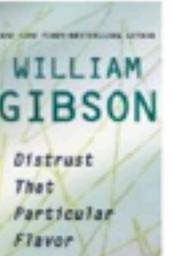
}

Amazon Original

file:///Users/jack/Dropbox/Sitting%20in%20the%20Driver's%20Seat/DriverSeat/Amazon%20Example/amazon_original.html Reader

Amazon Original

Get Yourself a Little Something

 <p>Philips Hue Connected Bulb Starter Pack Steve Jackson Games ★★★★☆ (7) \$269.99</p>	 <p>Munchkin Clerical Errors Steve Jackson Games ★★★★★ (20) \$19.99 \$17.81</p>	 <p>Coraline Neil Gaiman, P. Craig Russell Paperback ★★★★★ (575) \$6.99</p>	 <p>Universal Methods of Design: 100 Ways... Bruce Hanington, Bella Martin Hardcover ★★★★★ (6) \$49.99 \$25.86</p>	 <p>Small World Underground Days of Wonder ★★★★★ (19) \$49.99 \$38.03</p>	 <p>Audioengine A2 Premium Powered... ★★★★★ (171) \$199.00</p>	 <p>Distrust That Particular Flavor William Gibson Hardcover ★★★★☆ (25) \$26.95 \$19.41</p>
---	--	--	---	--	---	--

[See more in your Wish List](#)

amazon_original.html

audioEngine.jpg coraline.jpg design.jpg gibson.jpg munchkin.jpg philipsHue.jpg smallWorld.jpg embedded.css s9-widget..V396297260_.css websiteGridCSS-websiteGridCSS-14209...

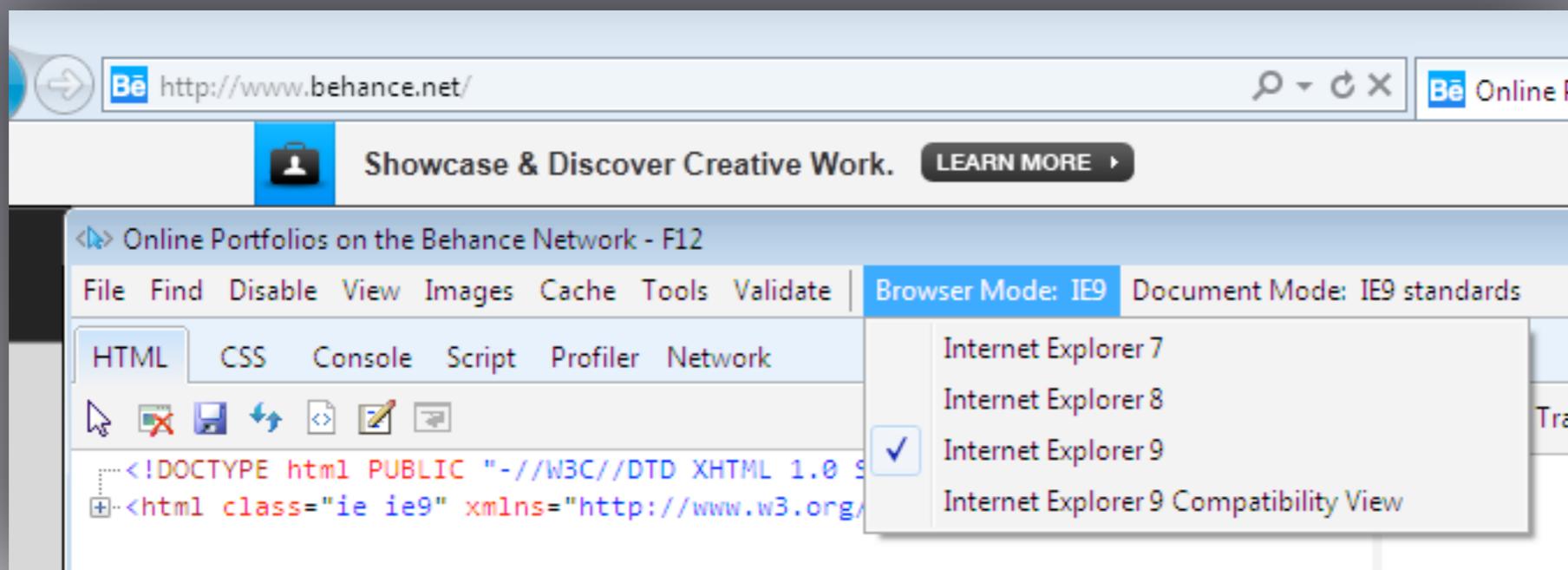
```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head>..</head>
  <body>
    <div id="page-wrap">
      <!-- Sets min-width -->
    <div id="content">
      <div class="amabot_center" id="centercol">
        <!-- Overflow hidden and padding -->
        <div class="unified_widget rcm widget small_heading s9Widget s9Multipack" id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_Widget">
          <!-- margin, clear both, font size -->
          <h2>Get Yourself a Little Something</h2>
        <div class="row s9m7" id="ns_0GKCVSCJ2KMWY6BGH2P2_12630_r0ItemRow">
          <!-- clear both -->
          <div class="s9otherItems" style="float: left; width: 100%">
            <div class="fluid asin s9a0" style="float: left; width: 33.1%">..</div>
            <div class="fluid asin s9a1" style="float: left; width: 33.1%">
              <div class="inner">
                <div class="s9hl" style="position: relative">
                  <a href="#" title="Munchkin Clerical Errors" title="Munchkin Clerical Errors">..</a>
                  <div class="imageContainer">..</div>
                  <span class="s9TitleText">Munchkin Clerical Errors</span>
                </div>
                <br clear="none">
                <div class="t11">Steve Jackson Games</div>
                <div class="s9CustomerReviews">..</div>
                <span class="newListprice gry t11">$19.99</span>
                <span class="s9Price red t14">$17.81</span>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
```

Computed Style

```
background-attachment: scroll;
background-clip: border-box;
background-color: #rgba(0, 0, 0, 0);
background-image: none;
background-origin: padding-box;
background-position: 0px 0px;
background-repeat: repeat;
background-size: auto;
border-bottom-color: #rgb(153, 102, 51);
border-bottom-style: none;
border-bottom-width: 0px;
border-left-color: #rgb(153, 102, 51);
border-left-style: none;
border-left-width: 0px;
border-right-color: #rgb(153, 102, 51);
border-right-style: none;
border-right-width: 0px;
border-top-color: #rgb(153, 102, 51);
border-top-style: none;
border-top-width: 0px;
color: #rgb(153, 102, 51);
cursor: auto;
display: inline;
font-family: arial, verdana, helvetica, sans-serif;
font-size: 12px;
font-style: normal;
font-weight: normal;
height: auto;
line-height: 15px;
margin-top: 0px;
text-align: left;
text-decoration: none;
vertical-align: baseline;
width: auto;
```

Style Attribute

S HTML Attributes



Last Saved: 1/20/13 1:13:31 PM
File Path : ~/Dropbox/Sitting in the Driver's Seat/DriverSeat/Amazon Example/amazon_original.html

```

22 <a href="" class="title ntTitle noLinkDecoration" title="Philips Hue Connected Bulb Starter"
23   <div class="imageContainer"> <!-- margin bottom, position relative -->
24     
26   <span class="s9TitleText">Philips Hue Connected Bulb Starter Pack</span>
27 </a>
28 <br clear="none">
29 <div class="s9CustomerReviews"> <!-- font size, padding -->
30   <div class="s9Stars s9Stars_4_0"></div> <!-- dimensions, float left, background sprite
31   <span> <!-- margin left -->
32     (<a class="noLinkDecoration" href="">
33       7<span class="s9Long"> customer reviews</span> <!-- display none -->
34     </a>
35   </span>
36 </div>
37   <span class="s9Price red t14">$269.99</span> <!-- color, font, line-height, letter-spacing
38 </div>
39 </div>
40 </div>
41
42 <div class="fluid asin s9a1" style="float: left; width: 33.1%">
43   <div class="inner">
44     <div class="s9hl" style="position: relative">
45       <a href="" class="title ntTitle noLinkDecoration" title="Munchkin Clerical Errors">
46         <div class="imageContainer">
47           
48         </div>
49         <span class="s9TitleText">Munchkin Clerical Errors</span>
50       </a>
51       <br clear="none">
52       <div class="t11">Steve Jackson Games</div>
53       <div class="s9CustomerReviews">
54         <div class="s9Stars s9Stars_5_0"></div>
55         <span>
56           (<a class="noLinkDecoration" href="">
57             20<span class="s9Long"> customer reviews</span>
58           </a>
59         </span>
60       </div>
61       <span class=" newListprice gry t11">$19.99</span>
62       <span class="s9Price red t14">$17.81</span>

```

Last Saved: 1/20/13 2:29:39 PM
File Path : ~/Dropbox/Sitting in the Driver's Seat/DriverSeat/Amazon Example/amazon_revised.html

```

38 <div class="credit"></div>
39 <!-- The credit, descriptor, and listPrice divs can either always be included,
40   but left empty, as I've done here, or just left out completely. The empty
41   divs have no effect in the display. -->
42 <div class="descriptor"></div>
43 <div class="ratingBlock">
44   <!-- There rating/reviews component is already well designed, so the only
45   changes I made to it were to move the parens inside the anchor (I just
46   like it better that way) and add my own class for hiding the label that
47   could be reused anywhere. -->
48   <div class="s9Stars s9Stars_4_0"></div>
49   <span class="reviews">
50     <a href="">( 7<span class="optLabel"> customer reviews</span> )</a>
51   </span>
52 </div>
53 <div class="priceBlock">
54   <span class="listPrice"></span>
55   <span class="price">$269.99</span>
56 </div>
57 </div>
58 </div>
59 </div>
60 <div class="productBlock">
61   <div class="inner">
62     <div class="imgBlock">
63       <a href=""></a>
64     </div>
65     <div class="detailBlock">
66       <div class="title"><a href="">Munchkin Clerical Errors</a></div>
67       <div class="credit">Steve Jackson Games</div>
68       <div class="descriptor"></div>
69       <div class="ratingBlock">
70         <div class="s9Stars s9Stars_5_0"></div>
71         <span class="reviews">
72           <a href="">( 20<span class="optLabel"> customer reviews</span> )</a>
73         </span>
74       </div>
75     </div>
76   </div>
77   <div class="priceBlock">
78     <span class="listPrice">$19.99</span>
79     <span class="price">$17.81</span>

```

37 1 HTML Unicode (UTF-8) Unix (LF) 106 / 13 / 1 53 1 HTML Unicode (UTF-8) Unix (LF) 145 / 13 / 4

Differences

New File:~/Dropbox/Sitting in the Driver's Seat/DriverSeat/Amazon Example/amazon_original.html Old File: ~/Dropbox/Sitting in the Driver's Seat/DriverSeat/Amazon Example/amazon_revised.html

Nonmatching Lines (File amazon_original.html; Line 4:6; File amazon_revised.html; Line 4:6)
Extra lines in Old before 8 in New (File amazon_original.html; Line 8; File amazon_revised.html; Line 8)
Nonmatching Lines (File amazon_original.html; Line 11; File amazon_revised.html; Line 12)
Nonmatching Lines (File amazon_original.html; Line 13:14; File amazon_revised.html; Line 14:15)
Nonmatching Lines (File amazon_original.html; Line 16; File amazon_revised.html; Line 17)
Extra lines in Old before 18 in New (File amazon_original.html; Line 18; File amazon_revised.html; Line 19:21)
Nonmatching Lines (File amazon_original.html; Line 19:34; File amazon_revised.html; Line 23:50)

Nonmatching Lines (File amazon_original.html; Line 37; File amazon_revised.html; Line 53:56)

- characters 2121:2120; characters 2976:3012
- characters 2134:2140; characters 3026:3061
- characters 2142:2148; characters 3063:3074
- characters 2165:2214; characters 3091:3108

Nonmatching Lines (File amazon_original.html; Line 42; File amazon_revised.html; Line 61)
Nonmatching Lines (File amazon_original.html; Line 44:53; File amazon_revised.html; Line 63:70)
Nonmatching Lines (File amazon_original.html; Line 55:58; File amazon_revised.html; Line 72:73)

amazon_original.html vs. amazon_revised.html

amazon_original.html - /Users/jack/Dropbox/Sitting in the Driver's Se

amazon_revised.html - /Users/jack/Dropbox/Sitting in the Driver's Seat/DriverSe

```

<link type="text/css" href="websiteGridCSS-websiteGrid.css" rel="stylesheet" type="text/css"/>
<link rel="stylesheet" href="s9-widget.css" type="text/css"/>
<link rel="stylesheet" href="embedded.css" type="text/css"/>
</head>

<body>
  <div id="page-wrap"> <!-- Sets min-width -->
    <div id="content">
      <div class="amabot_center" id="centercol"> <!--
        <div class="unified_widget rcm widget small_heading">
          <h2>Get Yourself a Little Something</h2>
          <div class="row s9m7" id="ns_0GKCVSCJ2KMWY6BGH2P">
            <div class="s90otherItems" style="float: left">
              <!-- Everything from here up was kept, a
                  page. For now, we just have to worry
                  about individual product blocks. -->
            <div class="productBlock">
              <div class="inner">
                <!-- Had to keep inner to add margin -->
                <div class="imgBlock">
                  <a href="">
                  <!-- I left the inline style here to center the graphic. The
                      margin needs to be figured out and applied here -->
                </div>
                <div class="detailBlock">
                  <div class="title"><a href="#">Title</a></div>
                  <!-- Here, the title has been moved
                      than being wrapped with both the
                      title above both the image and
                      block at the same level -->
                  <div class="credit"></div>
                  <!-- The credit, descriptor,
                      but left empty, as I've
                      divs have no effect in
                      -->
                  <div class="descriptor"></div>
                  <div class="ratingBlock">
                    <!-- There rating/review
                        changes I made to it
                        like it better that
                        could be reused anywhere -->
                    <div class="s9Stars s9Star">
                      <span class="reviews">
                        <a href="#">( 7<span>
                          </span>
                        </a>
                      </span>
                    </div>
                    <div class="priceBlock">
                      <span class="listPrice">$269.00</span>
                      <span class="price">$269</span>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>

```

The diagram shows the structure of the HTML code with numbered arrows indicating the flow of the comparison:

- Number 2 points to the first link in the original code.
- Number 3 points to the opening body tag.
- Number 4 points to the opening div for the content area.
- Number 5 points to the opening div for the center column.
- Number 6 points to the opening div for the unified widget.
- Number 7 points to the opening div for the product block.
- Number 8 points to the opening div for the inner block.
- Number 9 points to the opening div for the image block.

status: 33 differences

Actions ▾

contactList_complete.html | contactList_incomplete.html



2



A >> ⌂ ⌂ ⌂ ⌂ ⌂ ⌂ Contact List > contactList_complete.html

B >> ⌂ ⌂ ⌂ ⌂ ⌂ Contact List > contactList_incomplete.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>Contact List</title>
6   > > <link rel="stylesheet" href="contactList_complete.css" type="text/css" /> ~
7     <script language="javascript" type="text/javascript">
8       function showLabels() {
9         > > > > document.getElementById("contactList").className += " ~
10        labelsOn"; ~
11      }
12
13      function hideLabels() {
14        > > > > document.getElementById("contactList").className = ~
15        > > > > document.getElementById("contactList").className.replace ~
16        > > > > ( /(?:^|\s)labelsOn(?!S)/g , '' ) ~
17      }
18
19      function showPhotos() {
20        > > > > document.getElementById("contactList").className += " ~
21        photosOn"; ~
22      }
23
24      function hidePhotos() {
25        > > > > document.getElementById("contactList").className = ~
26        > > > > document.getElementById("contactList").className.replace ~
27        > > > > ( /(?:^|\s)photosOn(?!S)/g , '' ) ~
28      }
```

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>Contact List</title>
6   > > <link rel="stylesheet" href="contactList_incomplete.css" type="text/css" /> ~
7     <script language="javascript" type="text/javascript">
8       function showLabels() {
9         > > > > document.getElementById("myID").className ~
10        += " myClass"; ~
11      }
12
13      function hideLabels() {
14        > > > > document.getElementById("myID").className = ~
15        > > > > document.getElementById("myID").className.replace ~
16        > > > > ( /(?:^|\s)myClass(?!S)/g , '' ) ~
17      }
18
19      function showPhotos() {
20        > > > > document.getElementById("myID").className ~
21        += " myClass"; ~
22      }
23
24      function hidePhotos() {
25        > > > > document.getElementById("myID").className = ~
26        > > > > document.getElementById("myID").className.replace ~
27        > > > > ( /(?:^|\s)myClass(?!S)/g , '' ) ~
28      }
```

 Blocks Fluid Unified

Change 2 of 8



ISSUE TRACKING



ISSUE TRACKING



Create items for your design tasks, as well as implementation tasks.

Assign tasks to devs when you have completed your work or need something from them.

Enter issues/bugs against the application for yourself or others.

May integrate with your code repository, showing check-ins.

Issue Navigator — My APDL Issues

Views ToolsSummary Edit New ManageFilter: My APDL Issues ★[Summary](#)

Project: All-Projects Data Logger

Assignee: Current User

Status: Open, In Progress,
Reopened, Needs Verification,
Under ReviewSorted by: Status ascending, then
Key ascending[Operations](#)[Rename or Share](#) the current filter[Save as new filter](#)[Subscriptions for current filter](#)

Displaying issues 1 to 9 of 9 matching issues.

T	Key	Summary	Status	Fix Version/s	P	Remaining Estimate
▶	APDL-3116	Remark with large number of lines causes display issues	Open	2.0 Implementation	↑	
▶	APDL-3051	039 - 047 New Plots/Reports - HTML	In Progress	2.0 Implementation	↑	0 minutes
▶	APDL-3030	008 Locked Log Definitions - HTML	Needs Verification	2.0 Implementation	↑	4 hours
▶	APDL-3033	013 Log Reviewer Order - HTML	Needs Verification	2.0 Implementation	↑	4 hours
▶	APDL-3035	020 CDS Import Metadata - HTML	Needs Verification	2.0 Implementation	↑	2 days
▶	APDL-3040	035 System Status Screen - HTML	Needs Verification	2.0 Implementation	↑	1 day
▶	APDL-3043	049 Log Selection Filters - HTML	Needs Verification	2.0 Implementation	↑	4 hours
▶	APDL-3104	041 Archive Summary Event vs. Time Plots - Design	Needs Verification	2.0 Implementation	↑	3 hours
▶	APDL-3106	Plot Series Colors	Needs Verification	2.0 Implementation	↓	2 hours

Displaying issues 1 to 9 of 9 matching issues.



All-Projects Data Logger / APDL-2793

17 of 30

020 CDS Import Metadata - Design

Return to search

[Edit](#)[Assign](#)[Assign To Me](#)[Comment](#)[More Actions ▾](#)[Close Issue](#)[Reopen Issue](#)[Workflow ▾](#)[Views ▾](#)

Details

Type: **Task**
Priority: **Minor**
Affects Version/s: **2.0 Design**
Component/s: **None**
Labels: **uidesign**

Status: **Resolved**
Resolution: **Fixed**
Fix Version/s: **2.0 Design**

Under Warranty: **No**

Description

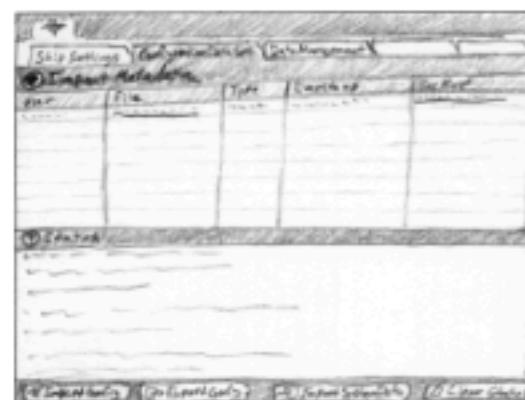
Design and specify UI for import log.

Attachments

[020 Ship Settings Changes.pdf](#)

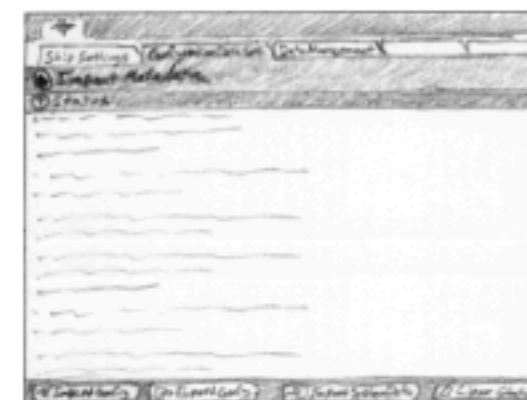
772 kB

15/Nov/11 3:01 PM



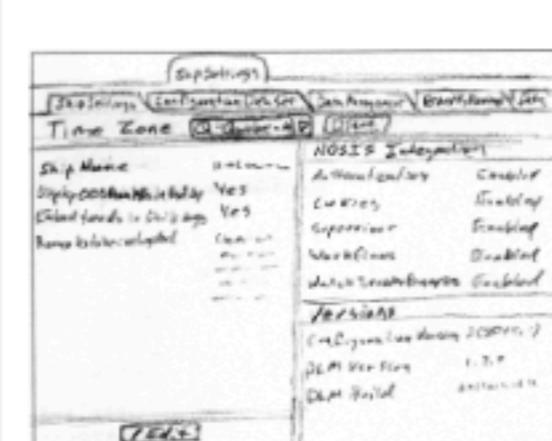
CDS Tab.png

389 kB 15/Nov/11 3:01 PM



Collapse Metadata.png

359 kB 15/Nov/11 3:01 PM



Ship Settings.png

344 kB 15/Nov/11 3:01 PM

People

Assignee: [Steven Schwab](#)
Reporter: [Jack Moffett](#)
 Watch (1)

Dates

Created: 28/Sep/11 3:37 PM
Updated: 29/Nov/11 4:52 PM
Resolved: 15/Nov/11 3:02 PM

Time Tracking

Estimated: 1d

Remaining: 0m

Logged: 4h



036 Events, Alerts, and Fault Codes - HTML

[Return to search](#)[Edit](#) [Assign](#) [Assign To Me](#) [Comment](#) [More Actions ▾](#) [Resolve Issue](#) [Close Issue](#) [Workflow ▾](#)[Views ▾](#)

Activity

[All](#) [Comments](#) [Work Log](#) [History](#) [Activity](#) [Source](#) [Reviews](#)

Remaining: 0m

▶ Kelly Dolan added a comment - 15/Feb/12 3:56 PM - edited Things for Jack to address: 1. In the Bu...

▼ Jack Moffett added a comment - 15/Feb/12 4:09 PM

I've created the jsp for the State Change page, including the filters and the grid. I've also created the Custom Time Period box. Let me know when they're accessible through the app, and I'll get to styling.

▼ Steven Schwab added a comment - 17/Feb/12 11:02 AM

Regarding Kelly's questions,
1 is documented in the SRS (which is also the document that Jeff was commenting on)

8, I don't think we need to retain the selections.

▶ Jack Moffett added a comment - 17/Feb/12 1:44 PM 1. I'll update the documentation. 2. We've come...

▼ Kelly Dolan added a comment - 17/Feb/12 4:12 PM

The State Change page and Edit Custom Time Period box are now accessible. I renamed "customTimePeriod-StateChangeBox.jsp" to "customTimePeriodStateChangeBox.jsp" (removed dash) because this name is used as an identifier and a dash requires special handling.

▼ Jack Moffett added a comment - 20/Feb/12 3:48 PM

I fixed the Custom Time box classes and positioned the screen correctly.

▼ Kelly Dolan added a comment - 22/Feb/12 1:29 PM

User messages for Jack's review:

1. When offline and State Change page data cannot be displayed:

The State Change data cannot be displayed when offline.

WIKI



WIKI



Subscribe to see what the
developers are thinking.

Document your own thinking so
it is available to them.



Checklist for Implementing List Sorting

 Edit Add ▾ Tools ▾

Added by [Jack Moffett](#), last edited by [Jack Moffett](#) on Apr 28, 2011 [\(view change\)](#)

1. Make sure the list has a sensible default sort.
2. Make sure the sort indicator is present and accurate.
3. Make sure that alpha-numeric sorts handle numbers and special characters appropriately.
4. Make sure that the sort is case-insensitive.
5. Make sure that all sortable columns are sorting correctly.
6. Make sure that reverse sorting is handled correctly.
7. If other functions affect the sort, such as the addition and deletion of items, or the editing of data within the list, make sure that the integrity of the sort is maintained.
8. Make sure that an appropriate secondary sort is utilized when necessary.
9. Make sure that the sort direction is also applied to the secondary sort. In other words, when the primary sort is descending, the secondary sort should also be descending.

Note: The standard indication of an ascending sort (A-Z, 1-10) is an arrow/triangle pointing up. The standard indication of a descending sort (Z-A, 10-1) is an arrow/triangle pointing down.

[Add Labels](#)[Add Comment](#)



Checklist for Implementing List Sorting

[Edit](#)[Add](#) ▾[Tools](#) ▾

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7. If other functions affect the sort, such as the addition and deletion of items, or the editing of data within the list, make sure that the integrity of the sort is maintained.
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Note: The standard indication of an ascending sort (A-Z, 1-10) is an arrow/triangle pointing up. The standard indication of a descending sort (Z-A, 10-1) is an arrow/triangle pointing down.

[Add Labels](#)[Add Comment](#)

SUBSCRIBE

WORKING IN THE PRODUCTION CODE



WORKING IN THE PRODUCTION CODE



I don't have to ask permission to make changes or ask someone else to make them for me.

WORKING IN THE PRODUCTION CODE



I don't have to ask permission to make changes or ask someone else to make them for me.

I know that the final product will be the one that I designed.

WORKING IN THE PRODUCTION CODE



I don't have to ask permission to make changes or ask someone else to make them for me.

I know that the final product will be the one that I designed.

With great power comes great responsibility.

VERSION
CONTROL





VERSION CONTROL

Subversion (SVN)

- Versions
- Cornerstone

Git

- GitHub
- GitBox
- Tower
- SourceTree

trunk — Versions

Local Changes Compare Blame History Quick Look Inspector

Revert Add Delete

Bookmarks

BPMI APDL

- trunk (56 5)
- RB-1.7 (branch) (1)

Nacho

Timeline Browse Transcript

Show: All Changed C

...	Name	Base	Last	Date	User
	trunk				
	Artifacts				
	Code				
	DLM				
	DLM.war				
	web				
	viewer				
	css				
	styles_box.css	5130	5125	Feb 22, 2012 4:42 PM	jmoffett
	styles_images.css	5130	5120	Feb 22, 2012 1:27 PM	jmoffett
	ParametersScreen				
	dhtmlxgrid				
	js UnitDeleteCell.js	5130	5081	Feb 16, 2012 4:37 PM	rfiroz
	Documentation				
	All Versions				
	UI Design				
	Documents				
	UI Changes				
	DLM 2.0				
	DLM 2.0 UI Changes.indd	5130	4936	Jan 27, 2012 2:39 PM	jmoffett
	Sketches				
	DLM 2				
	Sketches				
	039-047 Plots & Reports				
	041 Decision Logic.oo3				

New ▾ Actions ▾

AdminUserDefinedGrid.css — Annotations

AdminUserDefinedGrid.css
Working Copy Item

Get Info Reveal

Line Nr	Rev.	Last Modified	Author	File Contents		
1	4789	2012/01/13 13:26:34	jmoffett	/* @group grid container */		
2	1785	2010/07/07 15:43:34	idejesus	div.gridbox_adminUserDefinedGrid {		
3	1785	2010/07/07 15:43:34	idejesus	background-color: #ffffff;		
4	1785	2010/07/07 15:43:34	idejesus	}		
5	1785	2010/07/07 15:43:34	idejesus			
6	2118	2010/08/09 14:50:40	dfellner	div.gridbox_adminUserDefinedGrid .xhdr {		
7	2118	2010/08/09 14:50:40	dfellner	padding: 10px 7px 0 10px;		
8	2118	2010/08/09 14:50:40	dfellner	}		
9	2118	2010/08/09 14:50:40	dfellner			
10	2118	2010/08/09 14:50:40	dfellner	div.gridbox_adminUserDefinedGrid .objbox {		
11	2118	2010/08/09 14:50:40	dfellner	padding: 0 7px 0 10px;		4:42 PM jmoffett
12	2118	2010/08/09 14:50:40	dfellner	}		1:27 PM jmoffett
13	2118	2010/08/09 14:50:40	dfellner			
14	1785	2010/07/07 15:43:34	idejesus	div.gridbox_adminUserDefinedGrid table.obj{		
15	1785	2010/07/07 15:43:34	idejesus	border-collapse: collapse;		
16	1785	2010/07/07 15:43:34	idejesus	background-color: #e8effc;		4:37 PM rfiroz
17	1785	2010/07/07 15:43:34	idejesus	}		
18	1785	2010/07/07 15:43:34	idejesus			
19	1785	2010/07/07 15:43:34	idejesus	div.gridbox_adminUserDefinedGrid table.hdr{		
20	1785	2010/07/07 15:43:34	idejesus	border-collapse: collapse;		
21	1785	2010/07/07 15:43:34	idejesus	border-spacing: 0px 0px;		
22	4789	2012/01/13 13:26:34	jmoffett	}		
23	1785	2010/07/07 15:43:34	idejesus			
24	1785	2010/07/07 15:43:34	idejesus	div.gridbox_adminUserDefinedGrid table.hdr td div.admin_UD_Header {		
25	1785	2010/07/07 15:43:34	idejesus	height: 27px;		
26	1785	2010/07/07 15:43:34	idejesus	line-height: 30px;		
27	1785	2010/07/07 15:43:34	idejesus	color: #000000;		
28	1785	2010/07/07 15:43:34	idejesus	font-size: 11px;		
29	1785	2010/07/07 15:43:34	idejesus	padding: 0px 0 6px 5px;		
30	1785	2010/07/07 15:43:34	idejesus	text-align: center;		
31	1785	2010/07/07 15:43:34	idejesus	background-color: #e8effc;		
32	1785	2010/07/07 15:43:34	idejesus	background-image: url(..../graphics/sprite_vLog_ParameterName.png);		
33	1785	2010/07/07 15:43:34	idejesus	background-position: 0px 0px;		
34	1785	2010/07/07 15:43:34	idejesus	overflow:hidden;		
35	1785	2010/07/07 15:43:34	idejesus	text-overflow:ellipsis;		
36	1785	2010/07/07 15:43:34	idejesus	white-space: nowrap;		
37	1785	2010/07/07 15:43:34	idejesus	border: 1px solid #a1aec7;		
38	1785	2010/07/07 15:43:34	idejesus	border-top: none;		

FORMATTING STANDARDS

Geodesic shapes on Project Eden, Cornwall dome by Elias Gayles
http://www.flickr.com/photos/elias_daniel/6019904580/

FORMATTING STANDARDS



FORMATTING STANDARDS

Create and enforce coding standards for your CSS.

FORMATTING STANDARDS

Create and enforce coding standards for your CSS.

Whitespace matters: pick tabs or a specific number of spaces for indentation.

FORMATTING STANDARDS

Create and enforce coding standards for your CSS.

Whitespace matters: pick tabs or a specific number of spaces for indentation.

Define consistent rules for comments.

FORMATTING STANDARDS

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.
- Include one declaration per line in a declaration block.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.
- Include one declaration per line in a declaration block.
- Use one level of indentation for each declaration.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.
- Include one declaration per line in a declaration block.
- Use one level of indentation for each declaration.
- Include a single space after the colon of a declaration.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.
- Include one declaration per line in a declaration block.
- Use one level of indentation for each declaration.
- Include a single space after the colon of a declaration.
- Use lowercase and shorthand hex values, e.g., #aaa.

NICOLAS GALLAGHER
IDIOMATIC CSS

FORMATTING STANDARDS

- Use one discrete selector per line in multi-selector rulesets.
- Include a single space before the opening brace of a ruleset.
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IDIOMATIC CSS

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- Separate each ruleset by a blank line.

000CS

Component by UWW ResNET
<http://www.flickr.com/photos/uwwresnet/7303916202/>

WHAT IS THE BIGGEST BENEFIT
OF USING CASCADING STYLE
SHEETS?

REUSE

00CSS



00CSS

Don't design your CSS for now.
Design it for the future.

00CSS

Don't design your CSS for now.
Design it for the future.

Instead of a mile-long stylesheet
with roll-of-the-dice inheritance,
you'll have an understandable,
easily maintainable library of
documented components.

00CSS



00CSS

No embedded styles!

00CSS

No embedded styles!

IDs for devs, classes for designers

00CSS

No embedded styles!

IDs for devs, classes for designers

Use sprites

00CSS

Separation of container from content

00CSS

Separation of container from content

Separation of structure from skin

00CSS

Separation of container from content

Separation of structure from skin

Separation of identity and state

00CSS

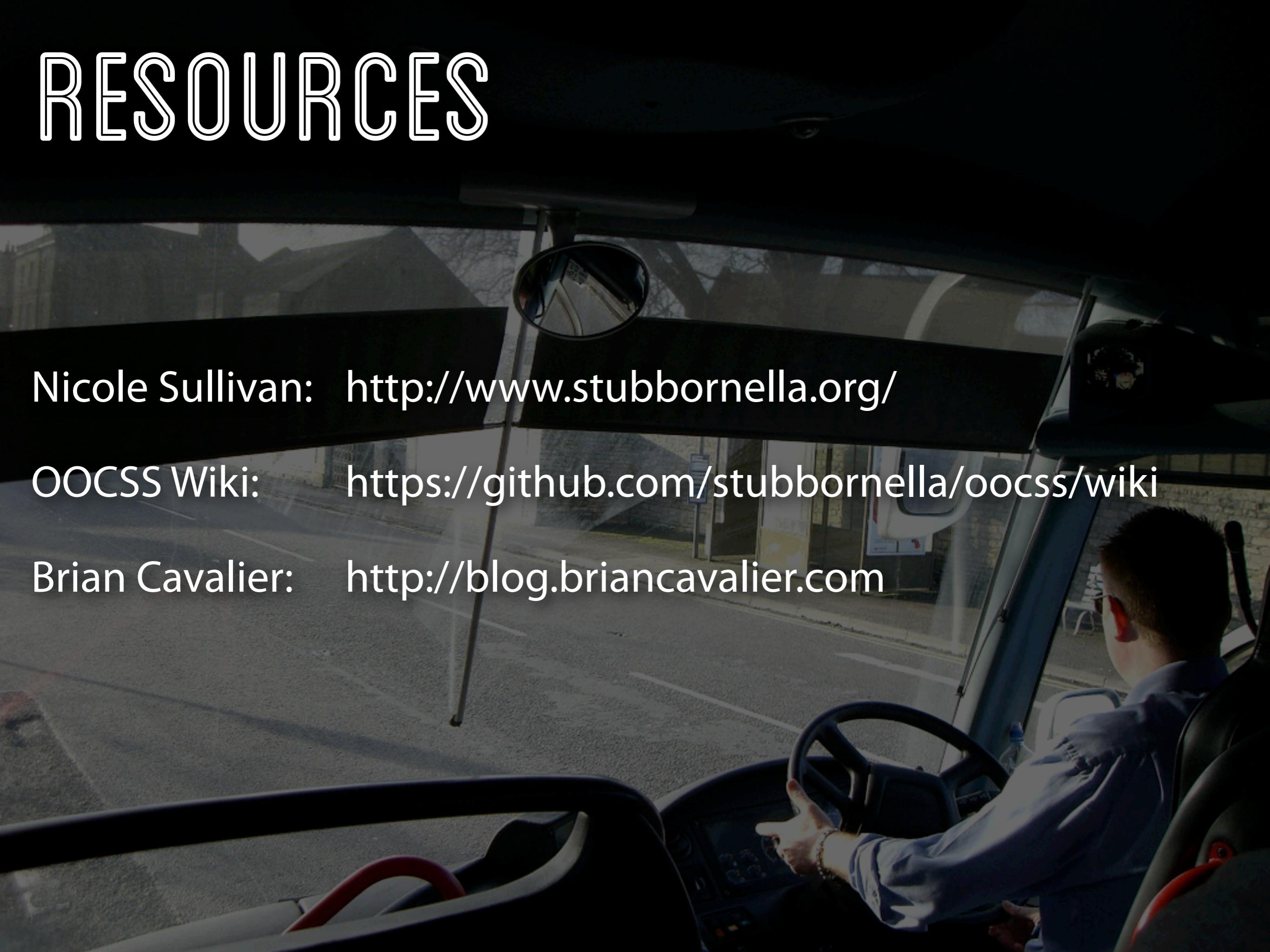


00CSS

As CSS advances and implementations improve, more and more is possible purely using style sheets and without the need for additional scripting on either a site's front- or back-end, which reduces the amount of executable code.

Meitar Moscovitz

RESOURCES

A photograph taken from inside a bus, looking out through the front windshield. A male driver is visible, wearing a blue shirt and red headphones, focused on the road ahead. The bus is on a street with other vehicles and buildings in the background. The interior of the bus is visible, showing the steering wheel and dashboard.

Nicole Sullivan: <http://www.stubbornella.org/>

OOCSS Wiki: <https://github.com/stubbornella/oocss/wiki>

Brian Cavalier: <http://blog.briancavalier.com>

CREDITS

Typefaces: Blanch, by Atipus
Myriad Pro, by Adobe

Survey visualizations created with
Parallel Sets by Robert Kosara.

THANK YOU



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