

a
bendyworks
production

in association with
red dirt rubyconf

and
the Internet
and
your votes

bradley grzesiak
as @listrophy

toshiko
as my laptop

HAML & Compass

HAML & Compass

Pure,

HAML & Compass

Pure, Uncut

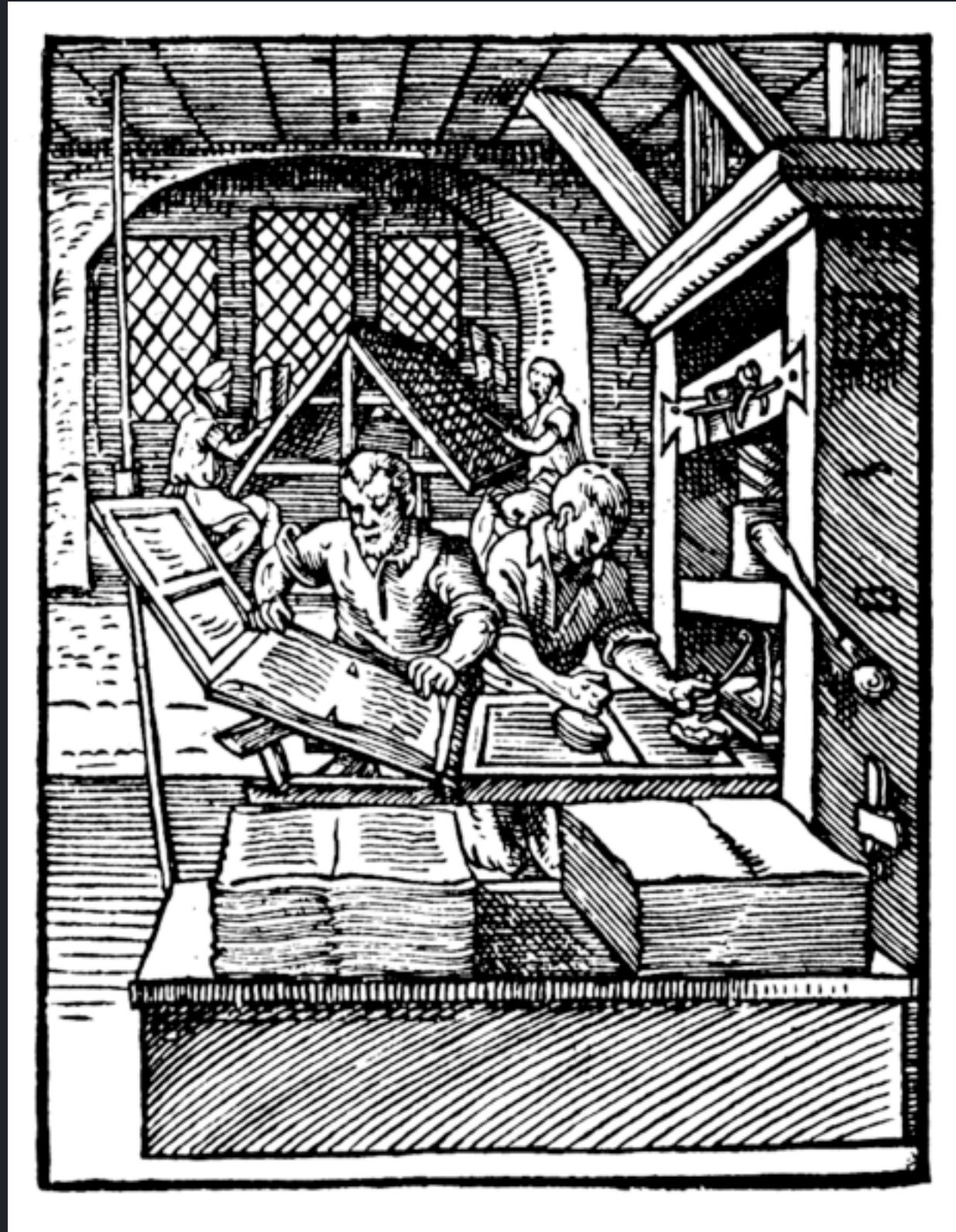
HAML & Compass

Pure, Uncut Awesome

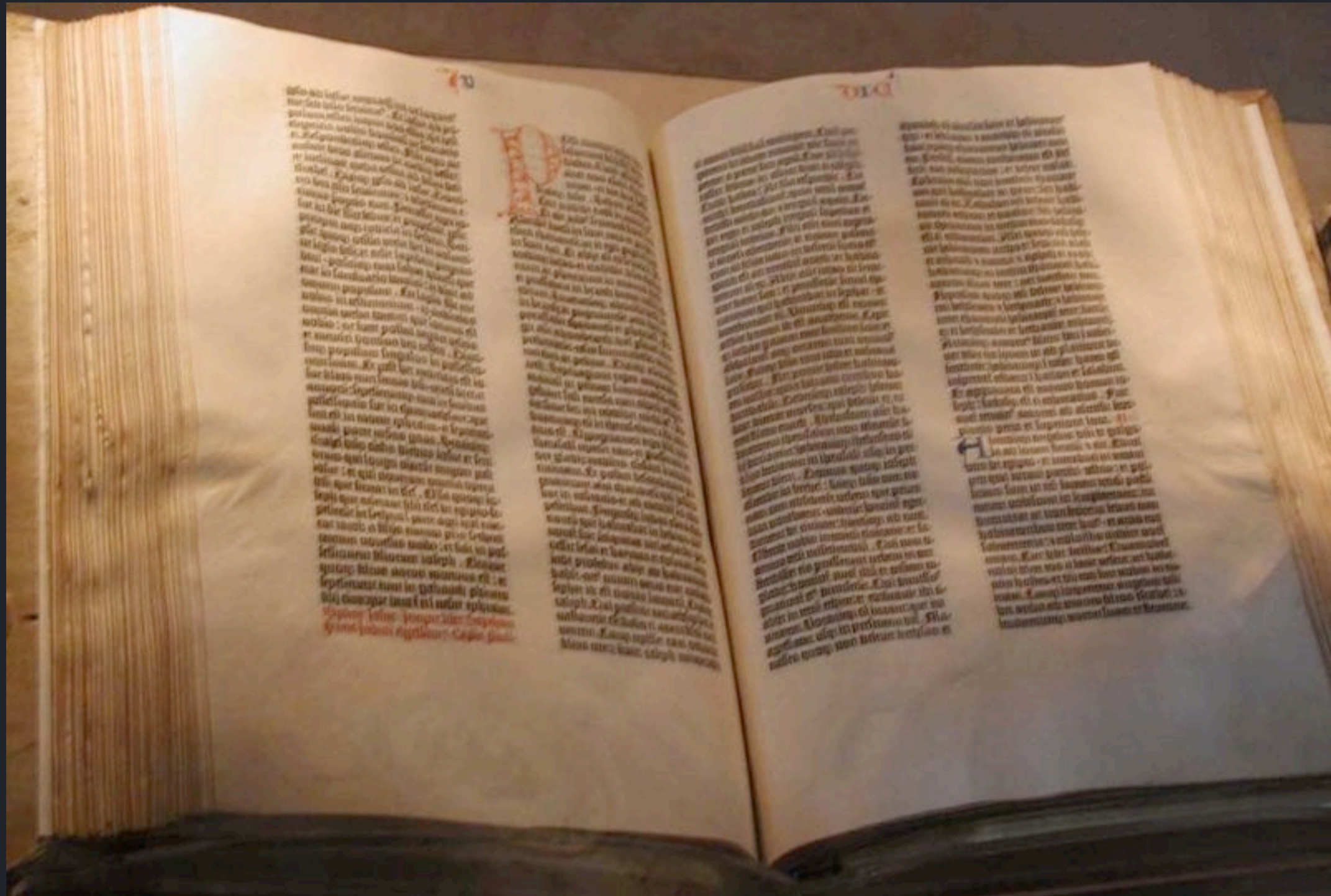
johannes gutenberg



his printing press



his bible



© 1936

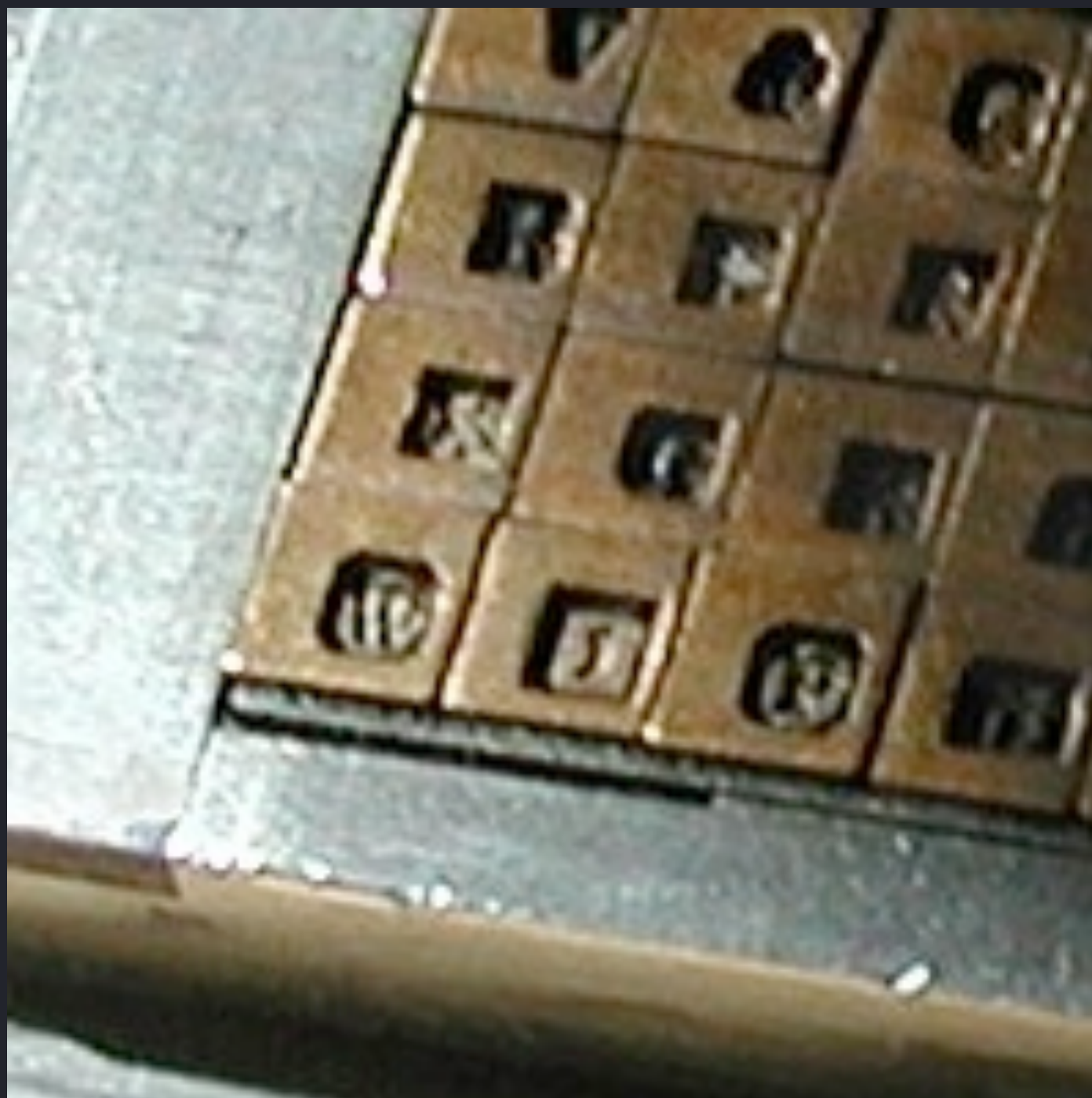
Chance

THIS CARD MAY BE KEPT
UNTIL NEEDED OR SOLD

GET OUT OF PURGAGORY
FREE



© 1936 FARMER BROTHERS

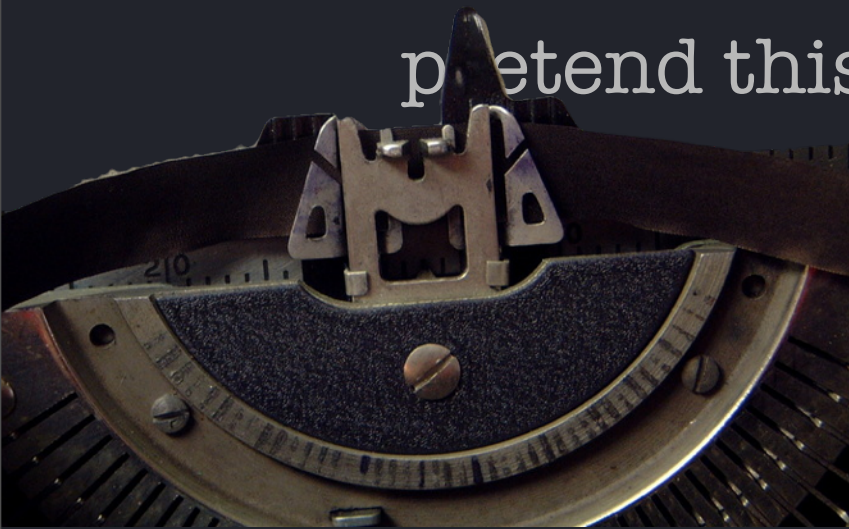


meanwhile,
in the 1960s...

pretend this is a printer head and not a typewriter



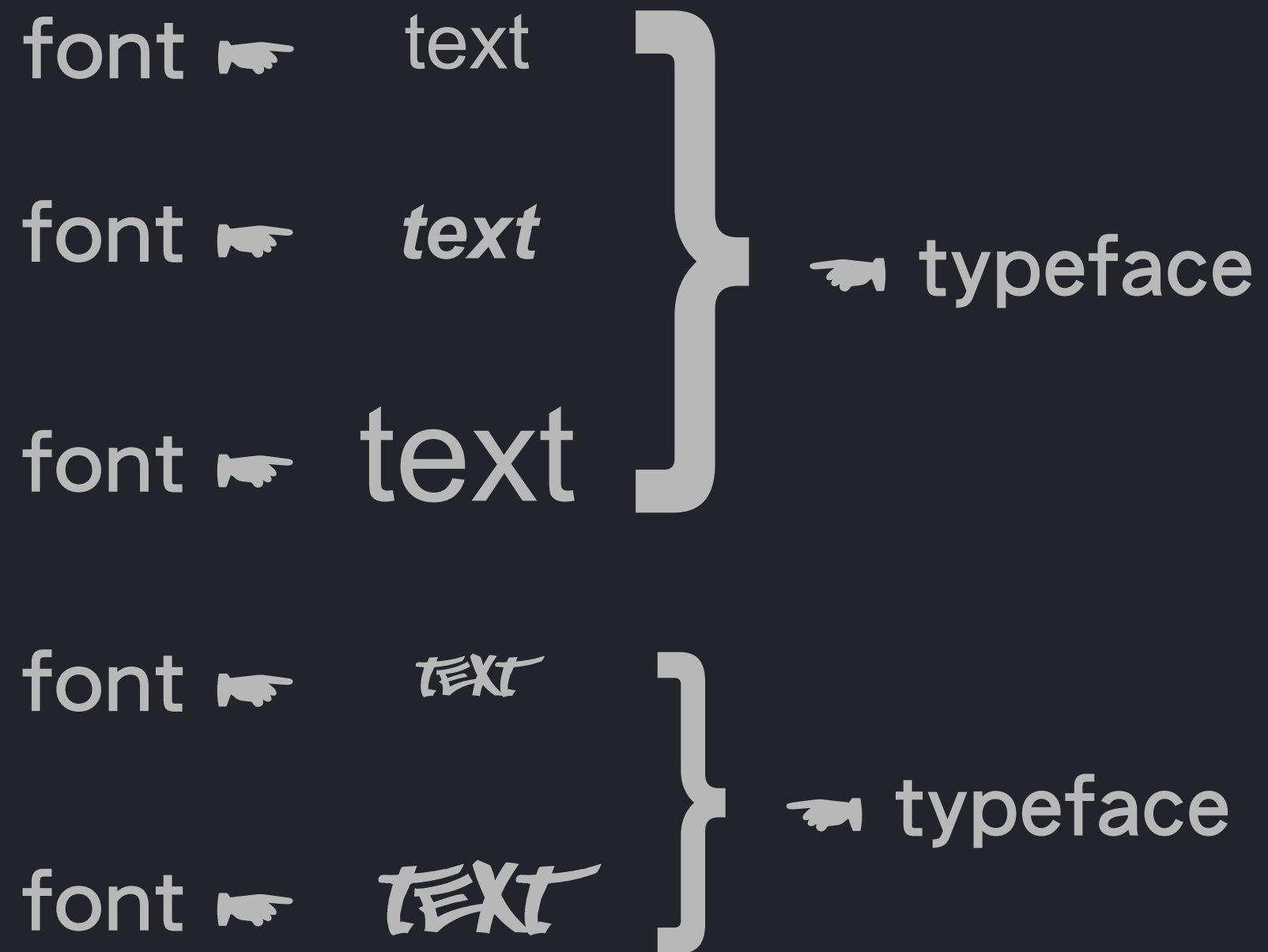
pretend this is a printer head and not a typewriter



pretend this is a printer head and not a typewriter



```
puts  “Pragma: no-cache\r\n”
```



set font: Courier New 12pt

some text

set font: Arial 14pt

some other text

GML

:h1.Chapter 1: Introduction

:p.GML supported hierarchical containers, such as

:ol

:li.Ordered lists (like this one),

:li.Unordered lists, and

:li.Definition lists

:eol.

as well as simple structures.

```
<TABLE style="WIDTH: 160pt; BORDER-  
COLLAPSE: collapse" border=0 cellSpacing=0  
cellPadding=0 width=212>  
<COLGROUP>  
<COL style="WIDTH: 74pt; mso-width-source:  
user-set; mso-width-alt: 3584" width=98>  
<COL style="WIDTH: 86pt; mso-width-source:  
user-set; mso-width-alt: 4169" width=114>  
<TBODY>  
<TR style="HEIGHT: 12pt; mso-height-source:  
user-set" height=16>  
<TD style="BORDER-BOTTOM: #f0f0f0;  
BORDER-LEFT: windowtext 1pt solid;  
BACKGROUND-COLOR: transparent; WIDTH:  
74pt; HEIGHT: 12pt; BORDER-TOP: windowtext  
1pt solid; BORDER-RIGHT: #f0f0f0" class=xl69  
height=16 width=98><FONT size=2  
face=Arial>Select Week # --></FONT></TD>
```

```
<TABLE style="WIDTH: 160pt; BORDER-  
COLLAPSE: collapse" border=0 cellSpacing=0  
cellPadding=0 width=212>  
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1pt solid; BORDER-RIGHT: #f0f0f0" class=xl69  
height=16 width=98><FONT size=2  
face=Arial>Select Week # --></FONT></TD>
```


SGML

<QUOTE TYPE="example">
typically something like <ITALICS>this</ITALICS>
</QUOTE>

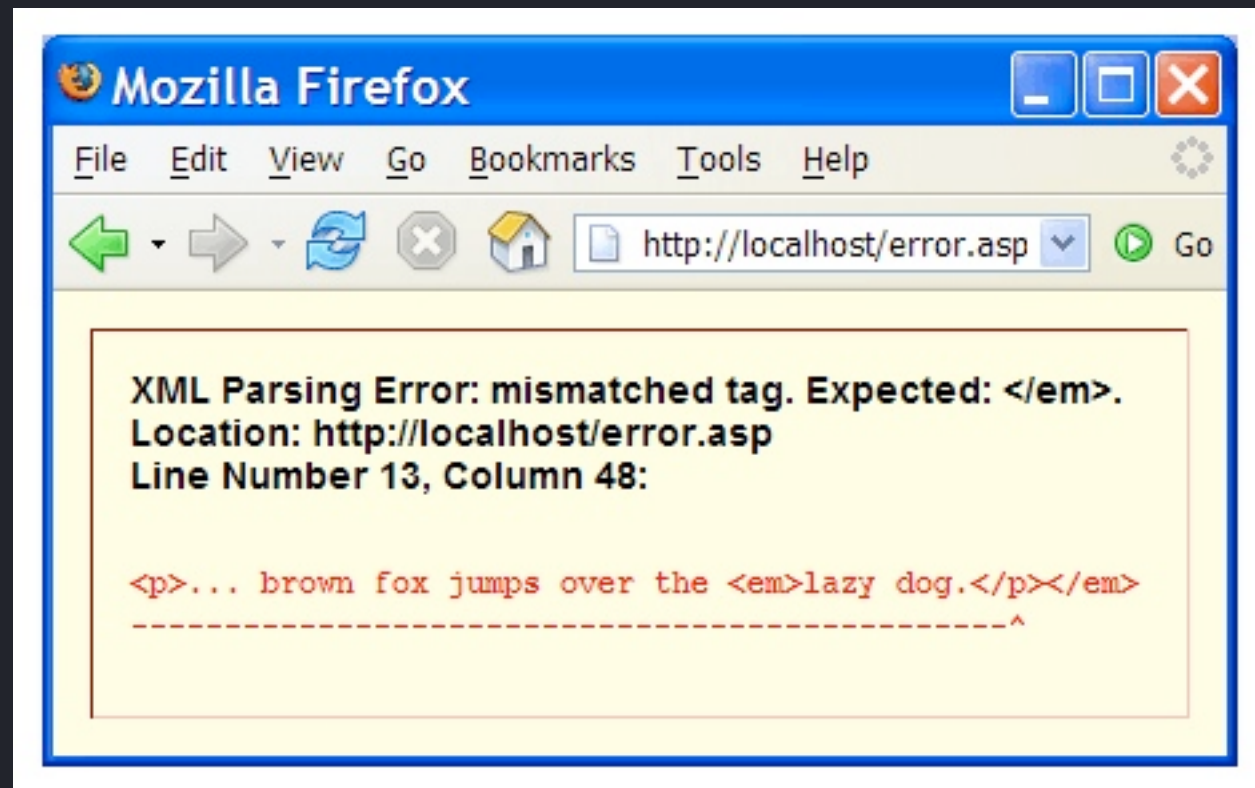
CSS

```
p {  
  text-align: right;  
  color: white;  
}
```

CSS

XHTML

```
p {  
  text-align: right;  
  color: white;  
}
```



HTML

Dw

ADOBE® DREAMWEAVER® CS4 beta

Version 10.0 Build 3963 CS4



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```
1 <% discs.each do |disc| %>
2   <li id="disc" class="disc_1 even" data-id="1">
3     <div class="purchase">
4       <%= link_to "Buy!", buy_disc_path(disc) %>
5     </div>
6     <div class="title"><%= disc.title %></div>
7   </li>
8 <% end %>
```

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1 <% discs.each do |disc| %> <li id="disc" class="disc_1 even" data-id="1">
2   <div class="purchase">
3 <%= link_to "Buy!", buy_disc_path(disc) %></div>
4   <div class="title"><%=
5 disc.title
6   %> </div>
7 </li> <% end %>
```

ruído van gossum



HTML == data

HTML != code

tree!

tree!

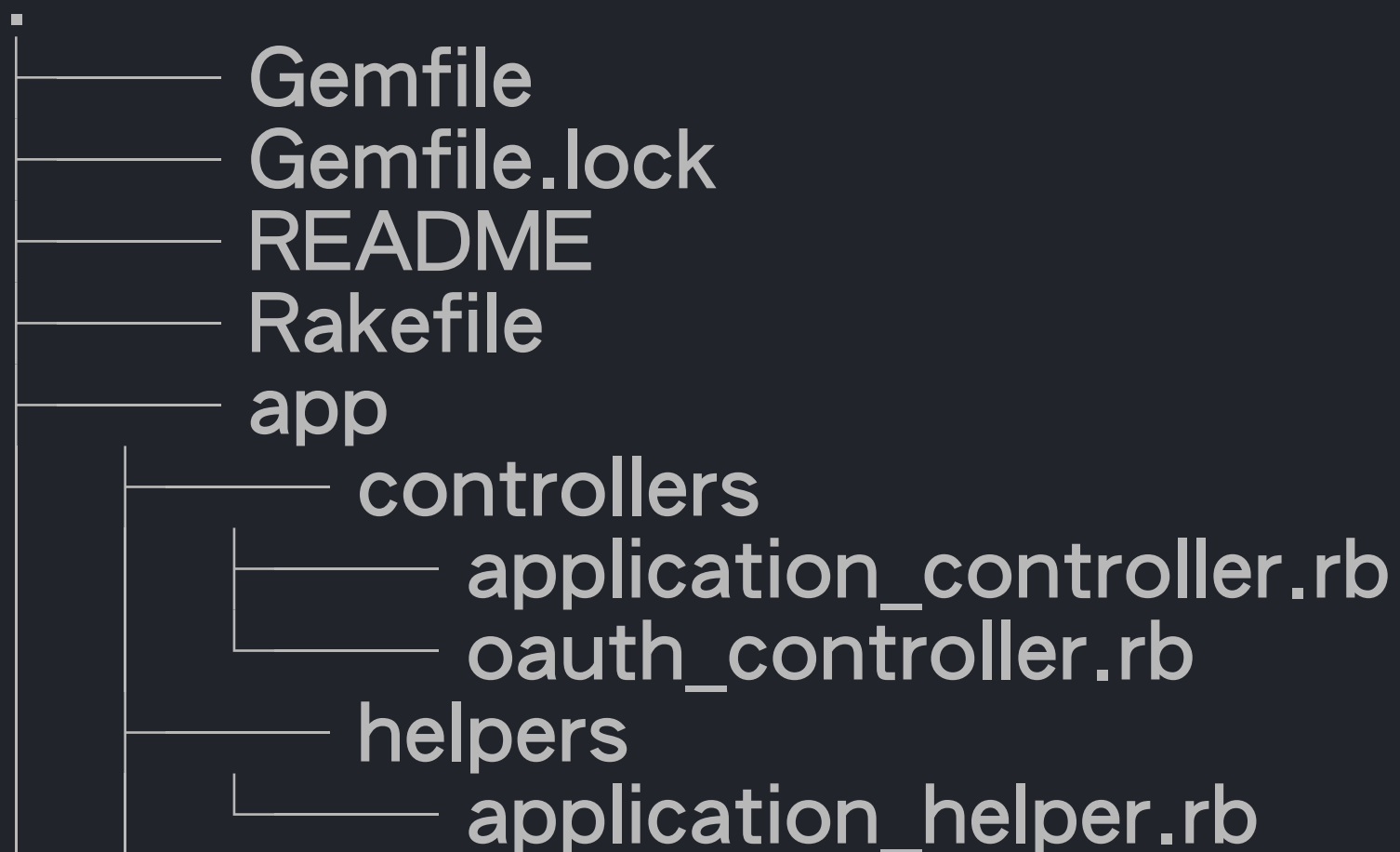
BRACKET 1

(1) Ohio St.

(16) Play-In 1 (1) Ohio St.

(8) George Mas (8) George Mas

(9) Villanova (1) Ohio St.



```
1 <% discs.each do |disc| %>
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5     <div class="title"><%= disc.title %>
```

```
1 <% discs.each do |disc| %>
2   <li data-id="1">#disc_1.disc.even
3     <div>.purchase
4       <%= link_to "Buy!", buy_disc_path(disc) %>
5     <div>.title <%= disc.title %>
```

```
1 <% discs.each do |disc| %>
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3     <div>.purchase
4       <%= link_to "Buy!", buy_disc_path(disc) %>
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```

```
1 <% discs.each do |disc| %>
2   <li>#disc_1.disc.even{data: {id: 1}}
3     <div>.purchase
4       <%= link_to "Buy!", buy_disc_path(disc) %>
5     <div>.title <%= disc.title %>
```

```
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```



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3   %div.purchase
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5   .title <%= disc.title %>
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```
1 <% discs.each do |disc| %>
2   %li#disc_1.disc.even{data: {id: 1}}
3     .purchase
4       <%= link_to "Buy!", buy_disc_path(disc) %>
5     .title <%= disc.title %>
```

```
1 - discs.each do |disc|
2   %li#disc_1.disc.even{data: {id: 1}}
3     .purchase
4       = link_to "Buy!", buy_disc_path(disc)
5     .title= disc.title
```

```
1 - discs.each do |disc|
2   %li#disc_1.disc.even{data: {id: 1}}
3   .purchase
4     = link_to "Buy!", buy_disc_path(disc)
5   .title= disc.title
```

```
1 - discs.each do |disc|
2   %li.even{data: {id: 1}}[disc]
3   .purchase
4     = link_to "Buy!", buy_disc_path(disc)
5   .title= disc.title
```

```
1 - discs.each do |disc|
2   %li.even{data: {id: 1}}[disc]
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4     = link_to "Buy!", buy_disc_path(disc)
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```

```
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2   <li id="disc_1" class="disc even" data-id="1">
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4       <%= link_to "Buy!", buy_disc_path(disc) %>
5     </div>
6     <div class="title"><%= disc.title %></div>
7   </li>
8 <% end %>
```



**YO I HEAR YOU LIKE XML
ELEMENTS**

**SO I PUT AN XML ELEMENT IN YOUR
XML ELEMENT IN YOUR XML ELEMENT**

memegenerator.net

i ♥ ERB for:

YAML
Javascript
plaintext emails
crazy metaprogramming

```
article= post.content
```

```
%nav.home= t( “nav.home” )
```

HANMIL

(slim)

css

<rant class= 'epic' >

<rant class= 'epic' >

%rant.epic

</rant>



CSS Selector Specificity - *Cheat Sheet*

	*	id	classes	elements	result [*]
	a	b	c	d	
li	0	0	0	1	1
.lorem	0	0	10	0	10
#ipsum	0	100	0	0	100
style = " "	1000	0	0	0	1000
ul li	0	0	0	2	2
ul ol + li	0	0	0	3	3
ul ol li.red	0	0	10	3	13
li:first-line	0	0	0	2	2
#ipsum li	0	100	0	1	101
a:link	0	0	10	1	11





Coffeescript!



SASS!

Coffeescript!

a Good Thing™

SCSS

SASS

syntactically
compatible?

syntactically
compatible?
hokum!

SASS > CSS

```
1 $base-font-size: 1.2
2
3 #content
4     font-size: 12px * $base-font-size
5     a
6         text-decoration: none
```

```
1 =awesome($size: 1px, $bordered: false)
2   @if $bordered == true
3     border: $size solid white
4     color: blue
5
6 aside
7   +awesome
```



```
1 @for $i from 1 through 24
2   .item-#{$i}
3   width: 2em * $i
```

SASS + Frameworks =

Compass

Compass

(a framework for frameworks)

Blueprint

960.gs

Grid Coordinates

GraphPaper

Baseline

Drupal Zen

Susy

Less Framework 3

52 Framework

Compass Core

CSS

```
1  .simple {  
2    -webkit-border-radius: 4px 4px;  
3    -moz-border-radius: 4px / 4px;  
4    -o-border-radius: 4px / 4px;  
5    -ms-border-radius: 4px / 4px;  
6    -khtml-border-radius: 4px / 4px;  
7    border-radius: 4px / 4px;  
8  }
```

Compass Core

```
1  .simple {  
2    -webkit-border-radius: 4px 4px;  
3    -moz-border-radius: 4px / 4px;  
4    -o-border-radius: 4px / 4px;  
5    -ms-border-radius: 4px / 4px;  
6    -khtml-border-radius: 4px / 4px;  
7    border-radius: 4px / 4px;  
8  }
```

```
1  .simple  
2    +border-radius(4px, 4px)
```


CSS

```
1 #v-gradient {
2   background-image: -webkit-gradient(linear, 0% 0%, 0% 100%,
3     color-stop(0%, #ffffff), color-stop(30%, #cccccc),
4     color-stop(70%, #bbbbbb), color-stop(100%, #aaaaaa));
5   background-image: -moz-linear-gradient(top,
6     #ffffff 0%, #cccccc 30%, #bbbbbb 70%, #aaaaaa 100%);
7   background-image: linear-gradient(top,
8     #ffffff 0%, #cccccc 30%, #bbbbbb 70%, #aaaaaa 100%);
9 }
```

Compass Core

```
1 #v-gradient {
2   background-image: -webkit-gradient(linear, 0% 0%, 0% 100%,
3     color-stop(0%, #ffffff), color-stop(30%, #cccccc),
4     color-stop(70%, #bbbbbb), color-stop(100%, #aaaaaa));
5   background-image: -moz-linear-gradient(top,
6     #ffffff 0%, #cccccc 30%, #bbbbbb 70%, #aaaaaa 100%);
7   background-image: linear-gradient(top,
8     #ffffff 0%, #cccccc 30%, #bbbbbb 70%, #aaaaaa 100%);
9 }
```

```
1 #v-gradient
2   +linear-gradient(color-stops(#fff, #ccc 30%, #bbb 70%, #aaa))
```

Blueprint

(basically, a grid)

Standard Blueprint

```
1  %aside.columns-4
2      Some side content
3  #main.columns-20
4      The main content
```

Compass + Blueprint

```
1  :sass
2    aside
3      +column( 4 )
4    #main
5      +column( 20 )
6
7  %aside
8    Some side content
9  #main
10   The main content
```

Compass + Blueprint

```
1  :sass
2    $side-cols: 5
3    aside
4      +column($side-cols)
5    #main
6      +column(24 - $side-cols)
7
8  %aside
9    Some side content
10 #main
11   The main content
```

Compass + Plugins...

+fancy-button

Fancy Buttons



Matte Gradient



Custom Radial Gradient



html5 boilerplate!

~~HTML & CSS~~

HAML & SASS

CAST

presenter bradley grzesiak
laptop toshiko

IMAGES

gutenberg	wp:public domain
press	wp:public domain
bible	wp:Raul654
get out of purgatory	flickr:unkiepaul
mould	wp:Kelly
typewriter	heartrockshome.com
xhtml	xhtml.com
dreamweaver	webanthology.net
guido van rossum	flickr:docsearls
xzibit	memegenerator.net
ie sucks	holleymaher.wp
css specificity	vcarrer.com
dhh	merbist.com

one more thing...

sprites!

```
1  a.twitter
2    +sprite-img( "icons-32.png", 1 )
3  a.facebook
4    +sprite-img( "icons-32.png", 2 )
```