

UnPerformantPress

The Problem With WordPress

peterwilson.cc • [@pwcc](https://twitter.com/pwcc)

peterwilson.cc



0.0



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the JavaScript to polyfill Emoji if the visitor's browser requires it.

[Continue reading Intuition is](#)

0.4



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the JavaScript to polyfill Emoji if the visitor's browser requires it.

[Continue reading Intuition is](#)

0.5



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤖

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the JavaScript to polyfill Emoji if the visitor's browser requires it.

[Continue reading Intuition is 🤖](#)

1.0



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤖

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the JavaScript to polyfill Emoji if the visitor's browser requires it.

[Continue reading Intuition is 🤖](#)

1.8

How To Get A Page Speed Score In The 90s

Peter Wilson

peterwilson.cc • [@pwcc](https://twitter.com/pwcc)



Mobile



Desktop

98 / 100 User Experience

! Consider Fixing:

Size tap targets appropriately

▶ [Show how to fix](#)

✓ 4 Passed Rules

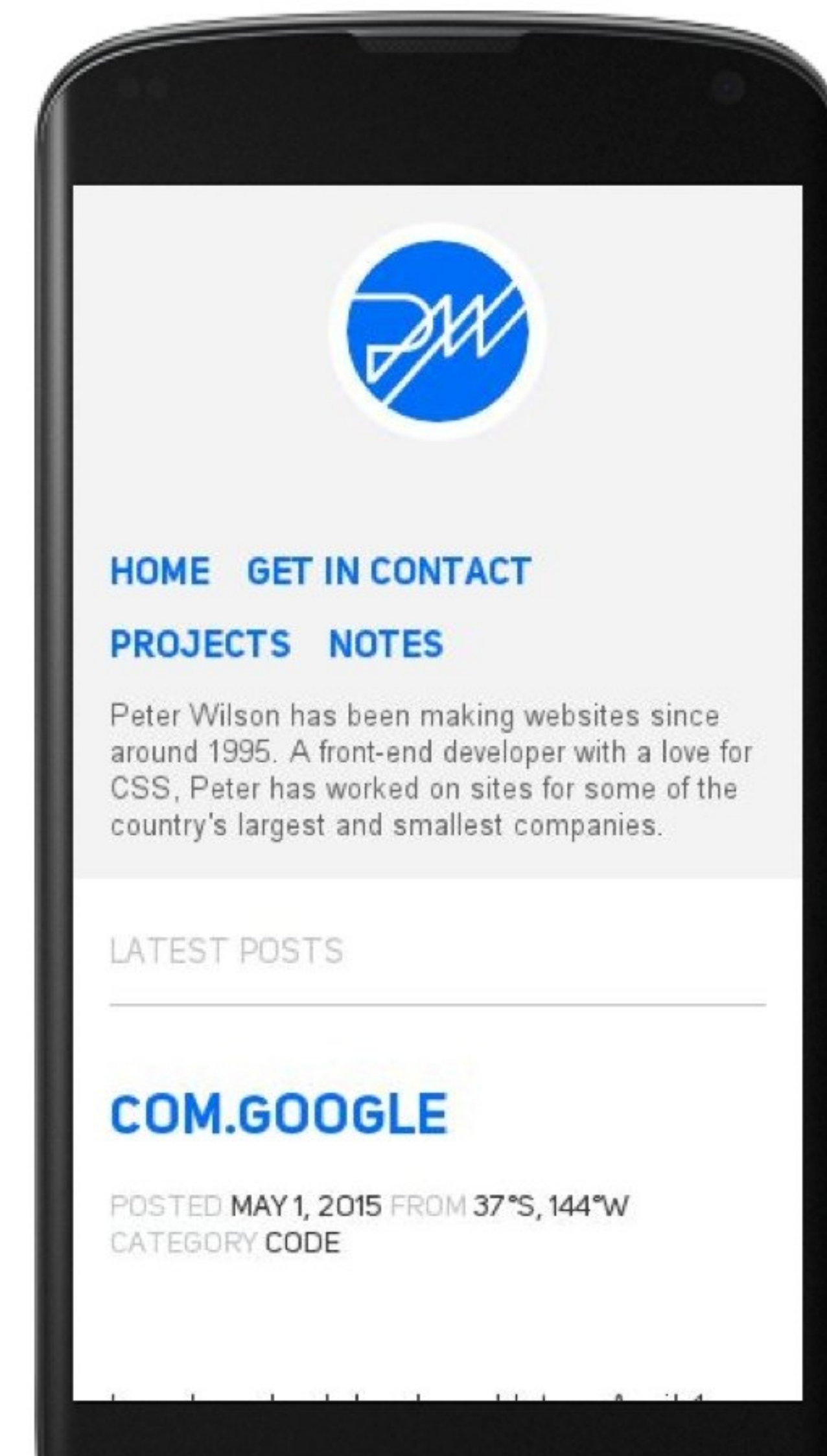
▶ [Show details](#)

99 / 100 Speed

! Consider Fixing:

Leverage browser caching

▶ [Show how to fix](#)



https://peterwilson.cc/

ANALYZE



Mobile



Desktop

99 / 100 Suggestions Summary

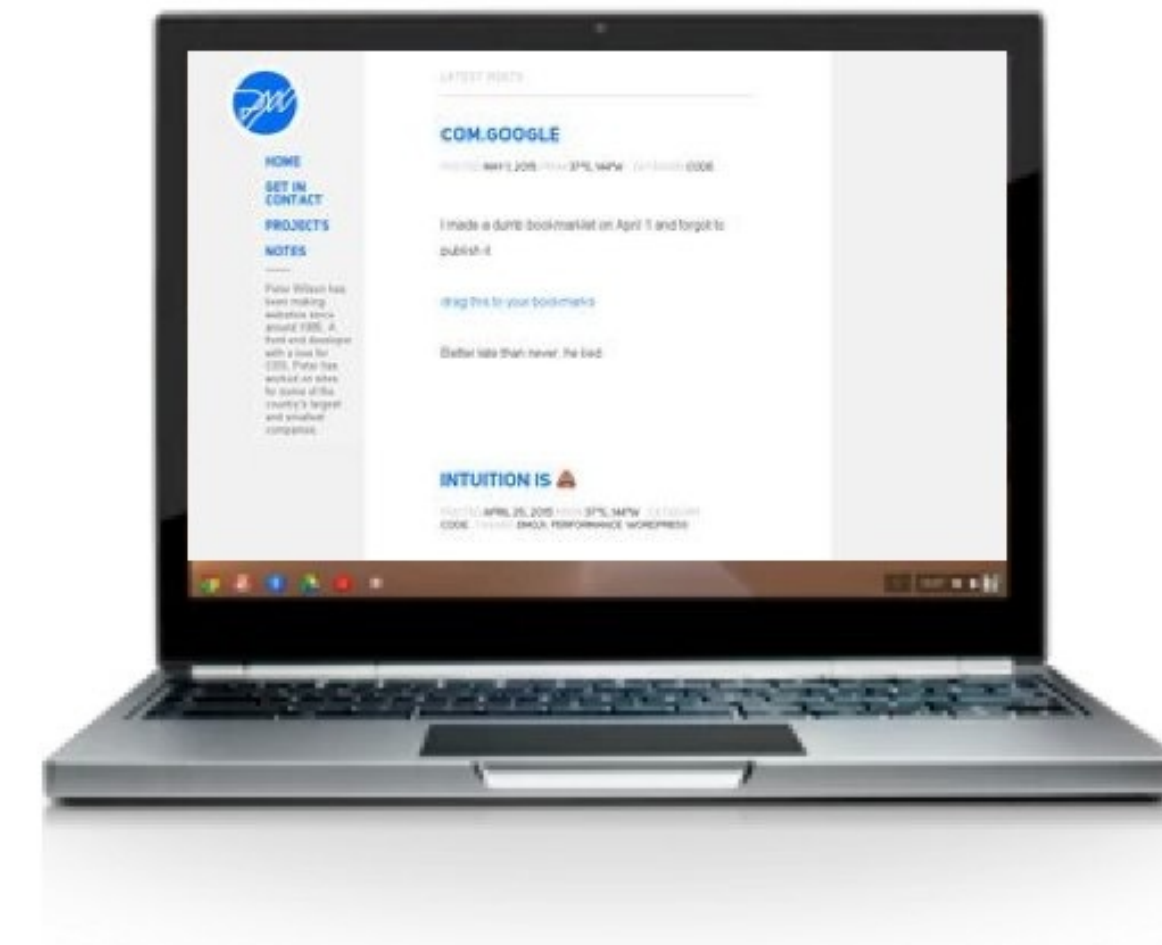
Consider Fixing:

Leverage browser caching

[▶ Show how to fix](#)

9 Passed Rules

[▶ Show details](#)



**The results are cached for 30s. If you have made changes to your page, please wait for 30s before re-running the test.*

Why PageSpeed?



- **SSL**
- **Fast loading**



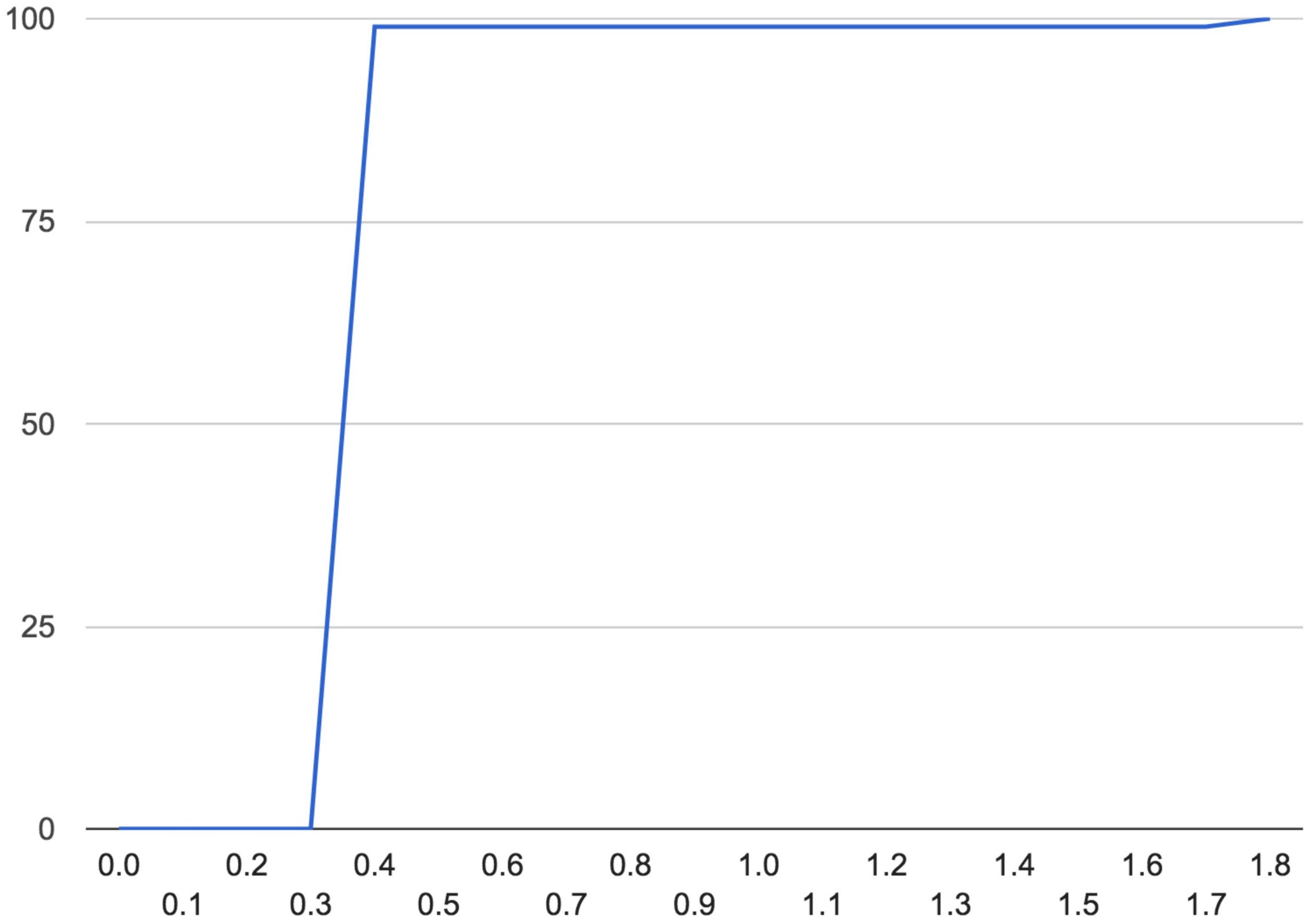
**It's the vibe
of the thing**



**Ultimately, your visitors
HATE WAITING WITH A PASSION**




Today's focus:
Code you can upload

Visual progress



Try, Measure, Test

Test a website's performance

-  Analytical Review
-  **Visual Comparison**
-  Traceroute

Enter a Website URL

Test Location

Browser

Advanced Settings ▼

- Test Settings**
- Advanced
- Chrome
- Auth
- Script
- Block
- SPOF
- Custom

Connection

Number of Tests to Run
Up to 9

START TEST

START TEST

http://peterwilson.cc/

Test Location: Dulles, VA USA (IE 8-11,Chrome,Firefox,Android,iOS) [Select from Map]

Browser: Chrome

Advanced Settings ▼

- Test Settings
- Advanced
- Chrome
- Auth
- Script
- Block
- SPOF
- Custom

Connection: Cable (5/1 Mbps 28ms RTT)

Number of Tests to Run: 1
Up to 9

Repeat View: First View and Repeat View First View Only

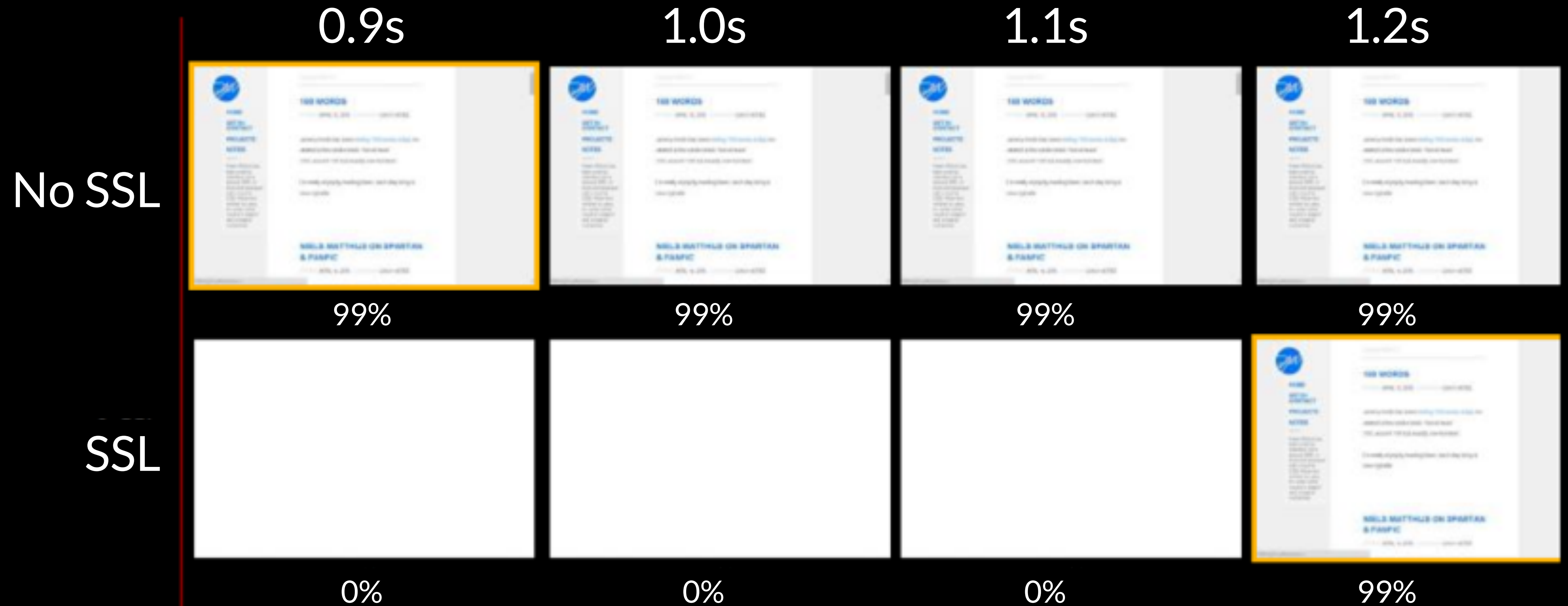
Capture Video:

Keep Test Private:

Label:

Comparison timelines

No SSL vs SSL



Comparison timelines

No SSL vs SSL



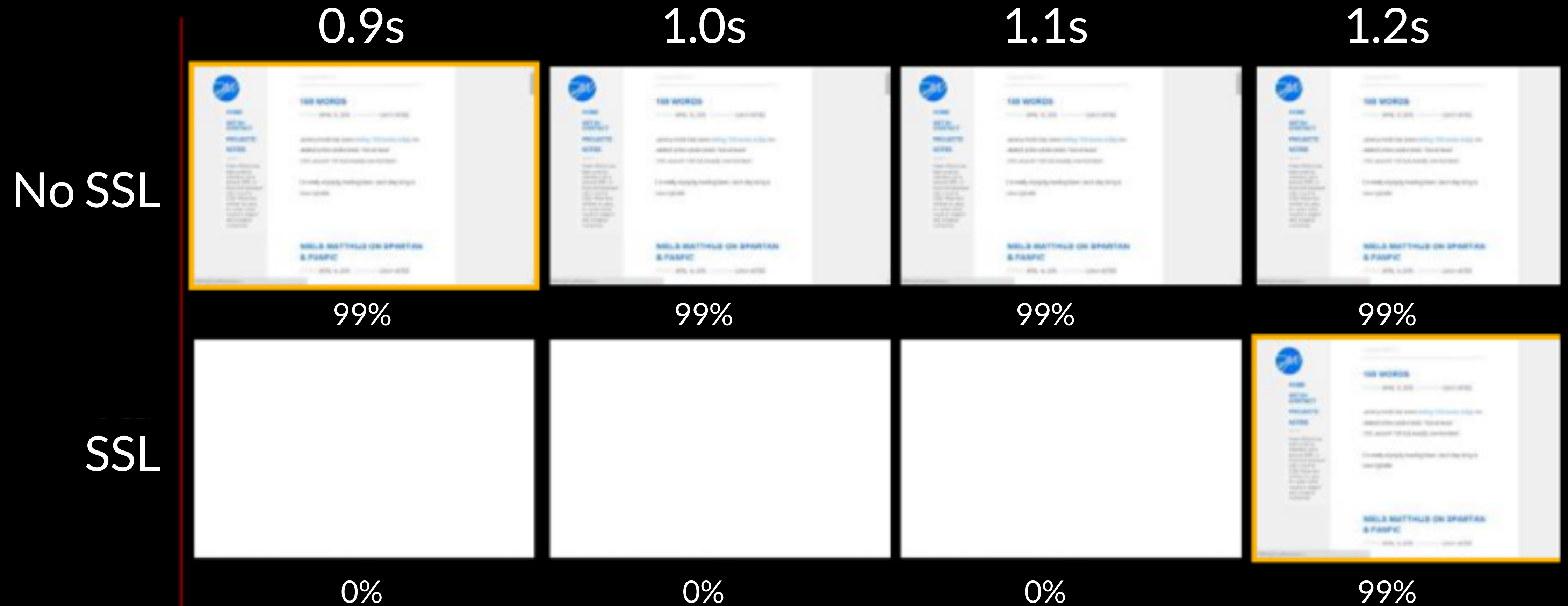
Comparison timelines

No SSL vs SSL



Comparison timelines

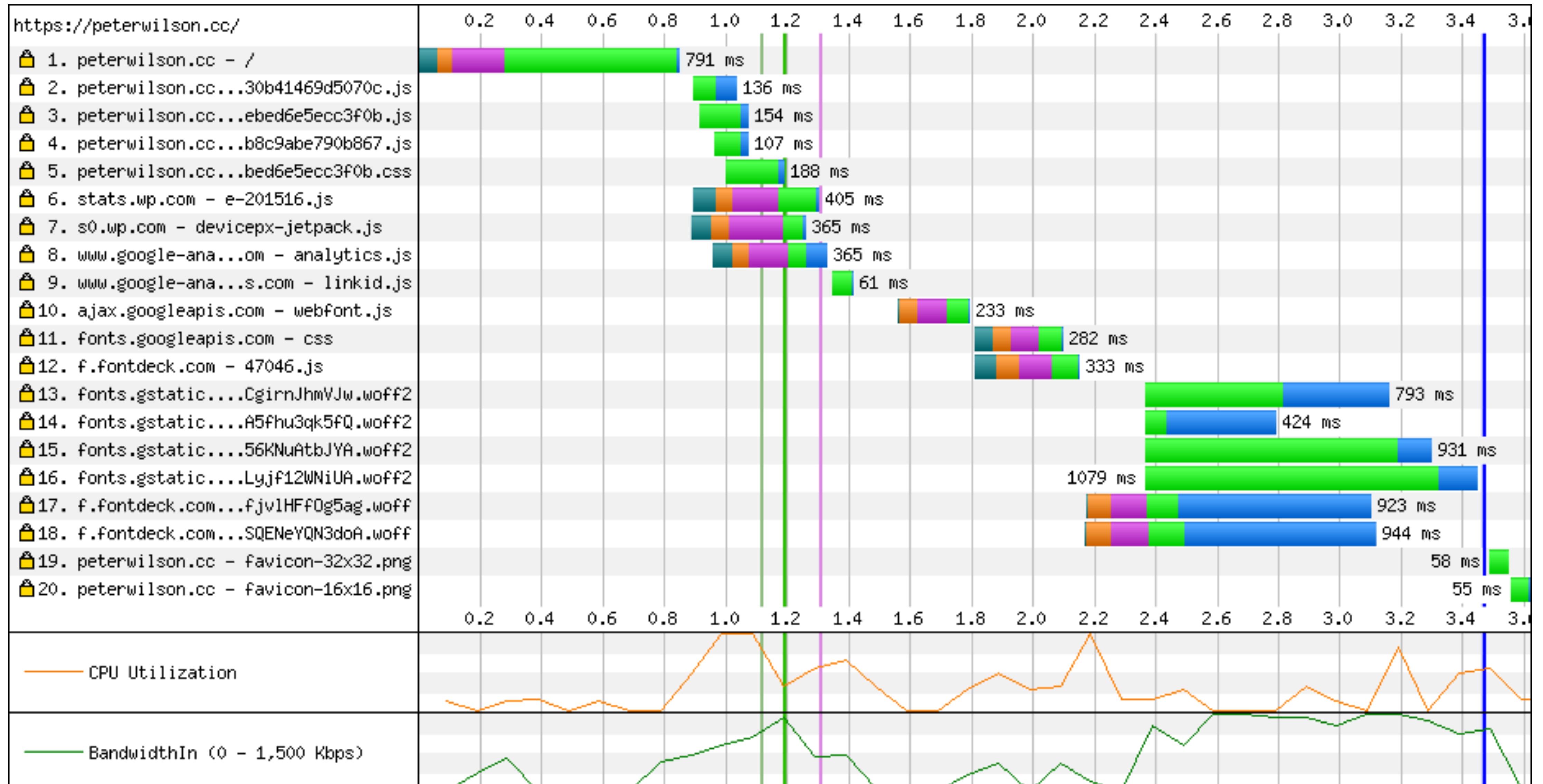
No SSL vs SSL



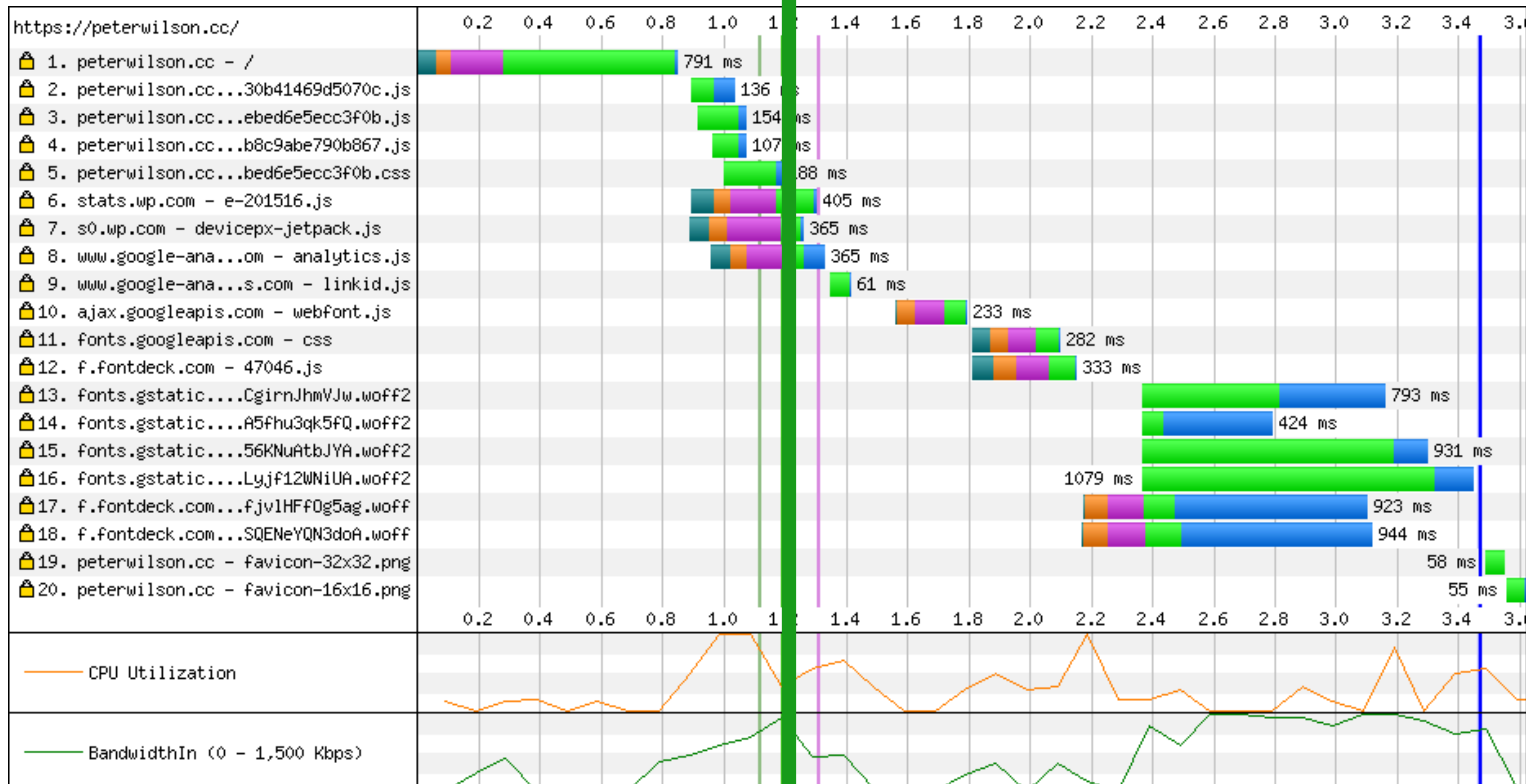
Key metrics

						Document Complete			Fully Loaded		
Load Time	First Byte	Start Render	Visually Complete	<u>Speed Index</u>	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
3.466s	0.835s	1.190s	3.300s	1221	356	3.466s	18	310 KB	3.614s	20	312 KB

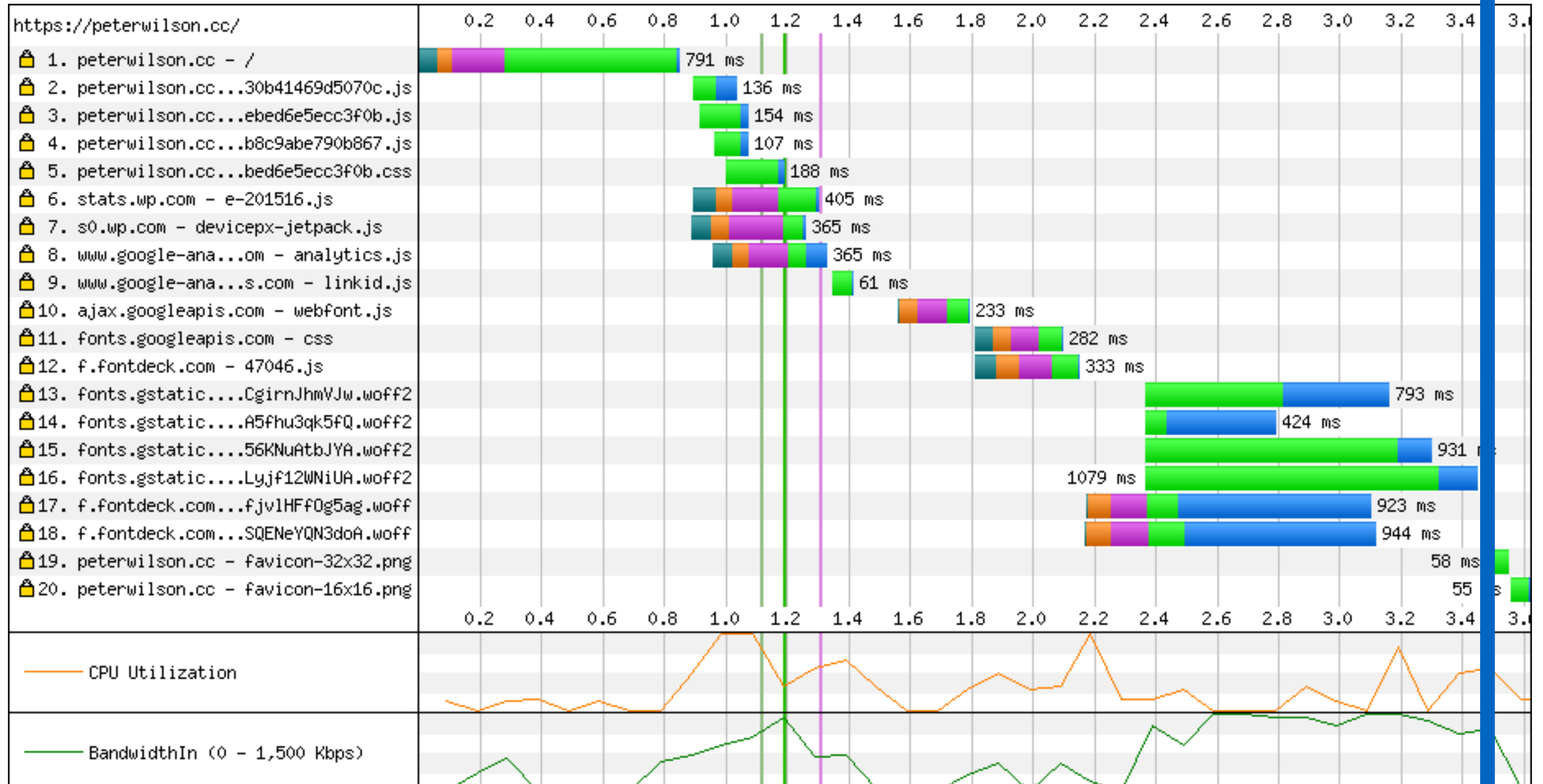
SSL Waterfall



SSL Waterfall



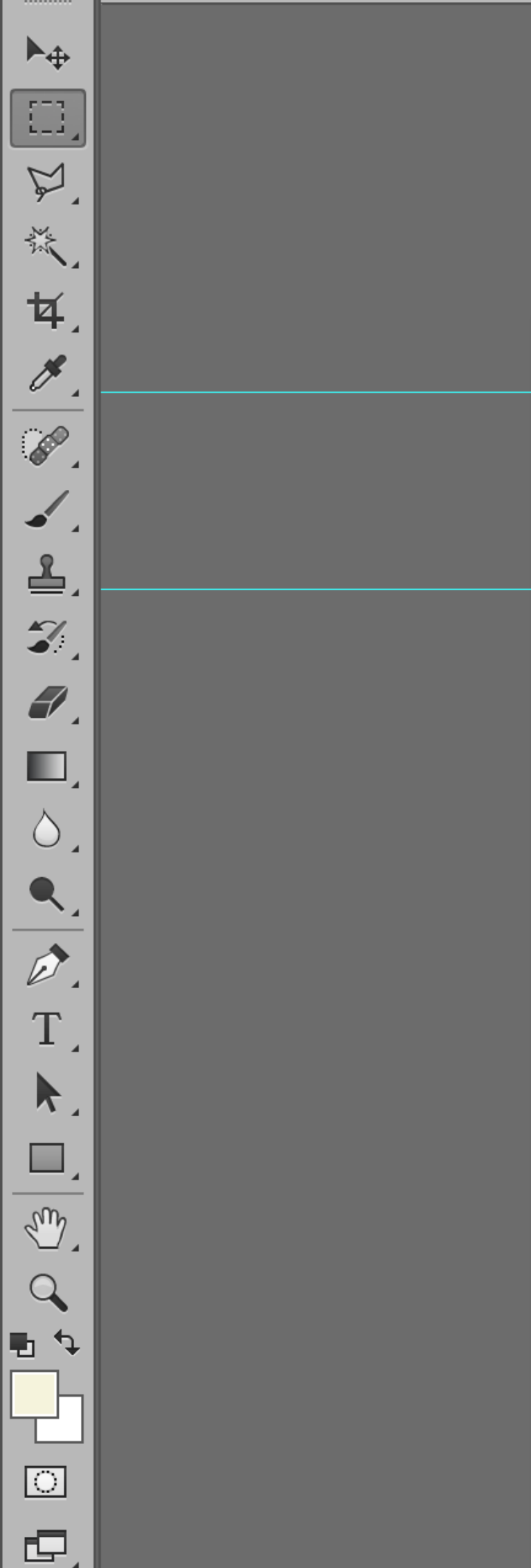
SSL Waterfall



Measuring is useless



Performance starts with design



- BLOG
- PROJECTS
- ABOUT
- CONTACT

Peter Wilson is a web developer and family man. He has three jack russell terriers and makes slow roasted pork belly.

LATEST POSTS

WHAT'S THE DEAL WITH CSS PREPROCESSORS?

POSTED JUNE 19, 2014 CATEGORY CSS TAGGED PREPROCESSORS, IE6, W3C

Roquefort bavarian bergkase edam. Monterey jack blue castello mozzarella paneer gouda cheese strings rubber cheese smelly cheese. Taleggio st. agur blue cheese croque monsieur cheddar feta cow dolcelatte emmental.

THIS SHOW WAS CANCELLED. I MEAN, COME ON

POSTED JUNE 2, 2014 CATEGORY CSS

Bacon ipsum dolor sit amet strip steak jowl biltong, pancetta corned beef tongue spare ribs capicola pork chop pastrami ham hock tenderloin rump. Prosciutto tri-tip pork loin rump tail meatball. Chuck pork brisket tail tongue ground round tenderloin fatback chicken turkey ball tip tri-tip.

History

- PWCC-Sketch-6-Delivery.psd
- Open

Color Swatches Properties Info

R: G: B: 8-bit C: M: Y: K: 8-bit

X: Y: W: H:

Doc: 99.9M/443.8M

Click and drag to move layer or selection constrained to 45 degree increments.

Layers Channels Paths

Kind Pass Through Opacity: 100%

Lock: Fill: 100%

- Source url.com
- Rectangle 3
- Photo
- Code Example
- @function calculate...
- Layer 1
- Rectangle 4
- Shape 2
- Alternate Comments
- Comments
- New Comment Form
- Archive
- Latest Posts
- Sidebar

Let's write some code

**We've made a plan.
Let's carry it out.**

JavaScript in the footer

All visitors have JavaScript disabled while it downloads.

– Every progressive enhancement advocate ever

JavaScript, the WordPress way

```
wp_enqueue_script(  
    'pwcc-scripts', // handle  
    '/path/file.js', // source  
    null, // no dependancies  
    '20150530-31', // version  
    true // load in footer  
);
```

JavaScript, the WordPress way

```
wp_enqueue_script(  
    'pwcc-scripts', // handle  
    '/path/file.js', // source  
    null, // no dependancies  
    '20150530-31', // version  
    true // load in footer  
);
```

jQuery, the WordPress way

```
wp_enqueue_script(  
    'pwcc-scripts', // handle  
    '/path/file.js', // source  
    array('jquery'), // yay, jQuery  
    '20150530-31', // version  
    true // load in footer  
);
```

jQuery, the WordPress way

```
wp_enqueue_script(  
    'pwcc-scripts', // handle  
    '/path/file.js', // source  
    array('jquery'), // yay, jQuery magically loads  
    '20150530-31', // version  
    true // load in footer  
);
```

jQuery, doing_it_wrong()

```
<html>
```

```
<head>
```

```
  <script src='jquery.js'></script><!--32kB-->
```

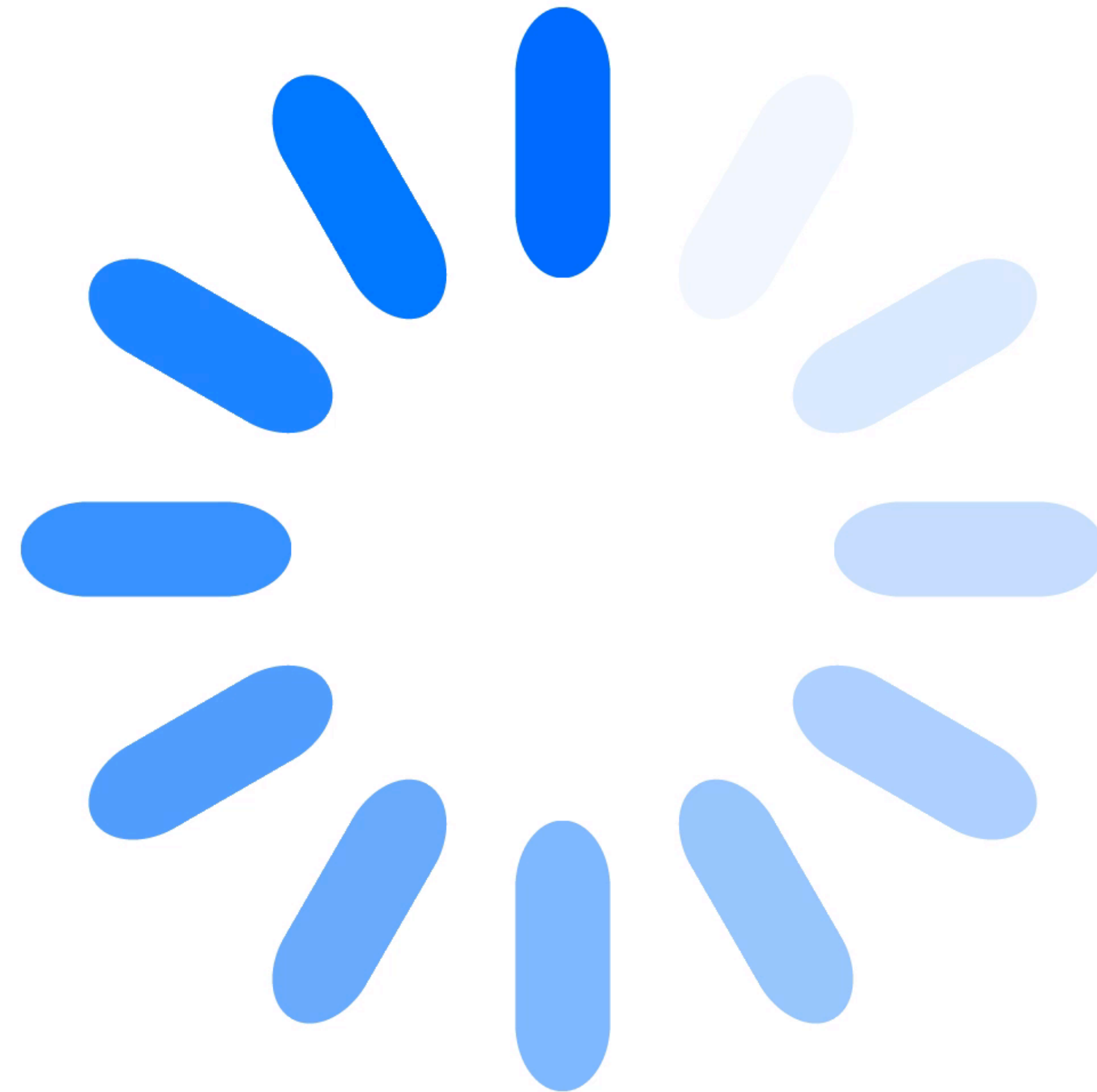
```
  <script src='jquery-migrate.js'></script><!--3.4kB-->
```

```
  <!-- INSERT SITE HERE -->
```

```
  <script src='/path/file.js'></script>
```

```
</body></html>
```


The WordPress way blocks rendering





doing_it_wrong_and_loving_it()

```
<?php
```

```
global $wp_scripts;
```

```
$wp_scripts->add_data( 'jquery-core', 'group', 1 );
```

doing_it_wrong_and_loving_it()

```
wp_enqueue_script(  
    'pwcc-scripts', // handle  
    '/path/file.js', // source  
    array('jquery-core'), // only jQuery, no jQuery-migrate  
    '20150530-31', // version  
    true // load in footer  
);
```

doing_it_wrong_and_loving_it()

```
<html>
```

```
<head>
```

```
  <script src='jquery.js'></script><!--32kB-->
```

```
  <script src='jquery-migrate.js'></script><!--3.4kB-->
```

```
  <!-- INSERT SITE HERE -->
```

```
  <script src='/path/file.js'></script>
```

```
</body></html>
```

doing_it_wrong_and_loving_it()

```
<html>
```

```
<head>
```

```
<!-- INSERT SITE HERE -->
```

```
<script src='jquery.js'></script><!--32kB-->
```

```
<script src='/path/file.js'></script>
```

```
</body></html>
```

doing_it_wrong_and_loving_it()

```
<html>
```

```
<head>
```

```
pwcc.cc/wcbne/jqueryfooter
```

```
<!-- INSERT SITE HERE -->
```

```
<script src='jquery.js'></script><!--32kB-->
```

```
<script src='/path/file.js'></script>
```

```
</body></html>
```

Load all the things asynchronously

Asynchronous JavaScript

```
    </div>  
</footer>  
<script  
  type='text/javascript'  
  src='/path/file.js' async></script>  
</body>  
</html>
```

Asynchronous JavaScript

```
function pwcc_async_js( $tag, $handle ) {  
    switch ( $handle ) {  
        case 'pwcc-scripts' :  
            $tag = str_replace( '></script', ' async></script', $tag );  
        }  
    return $tag;  
}
```

Asynchronous JavaScript

```
switch ( $handle ) {  
  case 'pwcc-scripts' : // falls through  
  case 'picturefill' :  
    $tag = str_replace( '></script', ' async></script', $tag );  
}  
return $tag;  
}
```

Asynchronous JavaScript

```
switch ( $handle ) {  
  case 'pwcc-scripts' : // falls through  
  case 'picturefill'  : // falls through  
  case 'devicepx'    :  
    $tag = str_replace( '></script', ' async></script', $tag );  
}  
return $tag;
```

Asynchronous JavaScript

```
function pwcc_async_js( $tag, $handle ) {  
    switch ( $handle ) {  
        ...  
    }  
    return $tag;  
}
```

```
add_filter( 'script_loader_tag', 'pwcc_async_js', 10, 2 );
```

Asynchronous JS in the header

```
function pwcc_async_to_header() {  
    global $wp_scripts;  
    $wp_scripts->add_data( 'picturefill', 'group', 0 );  
    $wp_scripts->add_data( 'pwcc-scripts', 'group', 0 );  
    $wp_scripts->add_data( 'devicepx', 'group', 0 );  
}  
add_action( 'wp_enqueue_scripts', 'pwcc_async_to_header', 99 );
```

Asynchronous JS in the header

```
function pwcc_async_to_header() {  
    global $wp_scripts;  
    $wp_scripts->add_data( 'picturefill', 'group', 0 );  
    $wp_scripts->add_data( 'pwcc-scripts', 'group', 0 );  
    $wp_scripts->add_data( 'devicepx', 'group', 0 );  
}  
add_action( 'wp_enqueue_scripts', 'pwcc_async_to_header', 99 );
```

pwcc.cc/wcbne/asyncjs

Asynchronous CSS





```
pwcc — bash — 99x20
bash
bash
peters-mbp-2:~ pwcc$
```



```
pwcc — telnet — 99x20
telnet
bash
peters-mbp-2:~ pwcc$ telnet pwcc.cc 80
Trying 216.70.106.194...
Connected to pwcc.cc.
Escape character is '^]'.
█
```



```
pwcc — telnet — 99x20
telnet
bash
peters-mbp-2:~ pwcc$ telnet pwcc.cc 80
Trying 216.70.106.194...
Connected to pwcc.cc.
Escape character is '^]'.
GET / HTTP/1.1
Host: peterwilson.cc
```



```
pwcc — telnet — 99x20
telnet
bash
div></div>
<script type='text/javascript' src='http://s0.pwcc.cc/content/plugins/ricg-responsive-images/js/picturefill.min.js?ver=2.3.0' async></script> <script type='text/javascript' src='http://s0.wp.com/wp-content/js/devicepx-jetpack.js?ver=201521' async></script> <script type='text/javascript'>var PWCC_data={"siteHome":"http://\peterwilson.cc\/","assetsHome":"http://\s0.pwcc.cc\/content\/themes\/peterwilsoncc-v01\/assets\/","Article_FullWidthBlock_Selectors":["img.keyring-img","img.aligncenter","img.alignnone","pre > code","figure.aligncenter>img","figure.alignnone>img",".fluid-width-video-wrapper"],"FitVid_Selectors":["iframe[src*=\"speakerdeck.com\""],"iframe[src*=\"player.vimeo.com\""],"iframe[src*=\"youtube.com\""],"iframe[src*=\"youtube-nocookie.com\""],"iframe[src*=\"kickstarter.com\"][src*=\"video.html\""],"object","embed"],"loadCss":[],"cssCookieVal":"20150504-01"};</script>
<script type='text/javascript' src='http://s0.pwcc.cc/content/themes/peterwilsoncc-v01/assets/js/min/functions-min.js?ver=20150418-01' async></script> <script type='text/javascript' src='http://stats.wp.com/e-201521.js' async defer></script> <script type='text/javascript'>_stq=window._stq||[];_stq.push(['view',{v:'ext',j:'1:3.5.3',blog:'56312772',post:'0',tz:'10',srv:'peterwilson.cc'}]);_stq.push(['clickTrackerInit','56312772','0']);</script> </body></html>
<!-- This website is like a Rocket, isn't it ? Performance optimized by WP Rocket. Learn more: http://wp-rocket.me - Debug: cached@1432349341 -->
0
```



```
pwcc — telnet — 99x20
telnet
bash
cturefill.min.js?ver=2.3.0' async></script> <script type='text/javascript' src='http://s0.wp.com/wp
-content/js/devicepx-jetpack.js?ver=201521' async></script> <script type='text/javascript'>var PWCC
_data={"siteHome":"http://\peterwilson.cc\/","assetsHome":"http://\s0.pwcc.cc\/content\/themes\/p
eterwilsoncc-v01\/assets\/","Article_FullWidthBlock_Selectors":["img.keyring-img","img.aligncenter"
,"img.alignnone","pre > code","figure.aligncenter>img","figure.alignnone>img",".fluid-width-video-w
rapper"],"FitVid_Selectors":["iframe[src*=\"speakerdeck.com\""],"iframe[src*=\"player.vimeo.com\"]"
,"iframe[src*=\"youtube.com\""],"iframe[src*=\"youtube-nocookie.com\""],"iframe[src*=\"kickstarter.
com\""][src*=\"video.html\""],"object","embed"],"loadCss":[],"cssCookieVal":"20150504-01"};</script>
<script type='text/javascript' src='http://s0.pwcc.cc/content/themes/peterwilsoncc-v01/assets/js/m
in/functions-min.js?ver=20150418-01' async></script> <script type='text/javascript' src='http://sta
ts.wp.com/e-201521.js' async defer></script> <script type='text/javascript'>_stq=window._stq||[];_s
tq.push(['view',{v:'ext',j:'1:3.5.3',blog:'56312772',post:'0',tz:'10',srv:'peterwilson.cc'}]);_stq.
push(['clickTrackerInit','56312772','0']);</script> </body></html>
<!-- This website is like a Rocket, isn't it ? Performance optimized by WP Rocket. Learn more: http
://wp-rocket.me - Debug: cached@1432349341 -->
0

GET /content/themes/peterwilsoncc-v01/assets/css/style.min.css HTTP/1.1
Host: peterwilson.cc
█
```



```
pwcc — telnet — 99x20
telnet
bash
yMeta, .Pagination-PrevNextPost{margin-left:6rem;margin-right:6rem}}.Pagination-PrevNextPost{margin-
bottom:3rem}.EntryMeta{position:relative}.EntryMeta .SocialShare_List>li{display:inline-block;paddi
ng-right:.25em}@media only screen and (min-width: 60em){.EntryMeta .SocialShare_List>li{display:lis
t-item}.EntryMeta .SocialShare{position:absolute;width:70px;background:white;top:0;left:100%;padding
g-left:.5rem;padding-top:2em;left:calc( 100% + 6rem )}}.fluid-width-video-wrapper{width:100%;max-wi
dth:126.6666666667vh;position:relative;padding:0;margin-left:auto;margin-right:auto}.fluid-width-vi
deo-wrapper:before{display:block;width:100%;padding-top:75%;content:' '}.fluid-width-video-wrapper>
iframe,.fluid-width-video-wrapper>object,.fluid-width-video-wrapper>embed{position:absolute;top:0;l
eft:0;width:100%;height:100%}.alignleft{float:left;margin-right:1em;margin-bottom:1em;margin-left:-
1rem}@media only screen and (min-width: 60em){.alignleft{margin-left:-5rem}}.alignright{float:right
;margin-left:1em;margin-bottom:1em;margin-right:-1rem}@media only screen and (min-width: 60em){.ali
gnright{margin-right:-5rem}}.instagram-image .keyring-img,.wp-post-image,figure.alignnone,img.align
none,.aligncenter{display:block;margin-left:auto;margin-right:auto}.post-password-form label{color:
#bdc2c7;font-size:13px;font-size:0.8125rem;line-height:1.2307692308;text-transform:uppercase;displa
y:block;margin-bottom:.5rem}.post-password-form [type=password]{width:100%;border-radius:2px;color:
#2a2b2b;background-color:#f3f3f3;font-size:14px;font-size:0.875rem;line-height:1.7142857143;border-
width:1px;outline:none;padding:calc( .5rem - 1px ) 0.75rem;border-style:solid;border-color:#f3f3f3}

/*# sourceMappingURL=style.min.css.map */^CConnection closed by foreign host.
peters-mbp-2:~ pwcc$ █
```





[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤖

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the .JavaScript to polyfill Emojii if the visitor's browser requires it

```
<html>
```

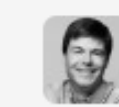
```
<head>
```

```
<style>@-ms-viewport{width:device-width;zoom:1}@-o-viewport  
{width:device-width;zoom:1}@viewport{width:device-width;  
zoom:1}html{font-family:sans-serif;-ms-text-size-adjust:  
100%;-webkit-text-size-adjust:100%}body{margin:0}article,  
aside,details,figcaption,figure,footer,header,hgroup,main,  
nav,section,summary{display:block}audio,canvas,progress,  
video{display:inline-block;vertical-align:baseline}  
audio:not([controls]){display:none;height:0}[hidden],  
template{display:none}a{background:transparent}a:active,
```

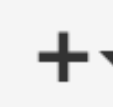


This repository Search

Explore Gist Blog Help



peterwilsoncc



filamentgroup / loadCSS

Watch 106

Star 1,794

Fork 138

A function for loading CSS asynchronously

61 commits

3 branches

6 releases

11 contributors



branch: master

loadCSS / +



Update preload.html



scottjehl authored 12 days ago

latest commit 1830ab1d8a

test	Update preload.html	12 days ago
.gitignore	linting and travis	2 months ago
.jshinttrc	linting and travis	2 months ago
.repo-rt	linting and travis	2 months ago
.travis.yml	linting and travis	2 months ago
CONTRIBUTING.md	contribution guidelines	2 months ago
Gruntfile.js	linting and travis	2 months ago
LICENSE	Initial commit	11 months ago
README.md	Adds `onloadCSS` utility to add callbacks to `loadCSS` asynchronously...	2 months ago
bower.json	0.1.6 package files.	2 months ago

Code

Issues 6

Pull requests 4

Wiki

Pulse

Graphs

SSH clone URL

git@github.com:filar

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop

Download ZIP

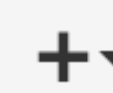


This repository Search

Explore Gist Blog Help



peterwilsoncc



filamentgroup / loadCSS

Watch 106

Star 1,794

Fork 138

A function for loading CSS asynchronously

61 commits

3 branches

6 releases

11 contributors

Code

Issues 6

Pull requests 4

Wiki

Pulse

Graphs

SSH clone URL

git@github.com:filar

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop

Download ZIP

pwcc.cc/wcbne/loadcss

Update preload.html

scottjehl authored 12 days ago

latest commit 1830ab1d8a

test	Update preload.html	12 days ago
.gitignore	linting and travis	2 months ago
.jshinttrc	linting and travis	2 months ago
.repo-rt	linting and travis	2 months ago
.travis.yml	linting and travis	2 months ago
CONTRIBUTING.md	contribution guidelines	2 months ago
Gruntfile.js	linting and travis	2 months ago
LICENSE	Initial commit	11 months ago
README.md	Adds `onloadCSS` utility to add callbacks to `loadCSS` asynchronously...	2 months ago
bower.json	0.1.6 package files.	2 months ago

CSS, the WordPress way

functions.php

```
wp_register_style(
    'pwcc-styles',           // handle
    '/style.min.css',      // file
    null,                   // dependencies
    "20150530-31"          // version
);
```

CSS, the WordPress way

functions.php (pseudo code)

```
if ( is_css_file_cached() ) {  
    wp_enqueue_style( 'pwcc-styles' );  
}
```

CSS, the WordPress way

functions.php (pseudo code)

```
if ( is_css_file_cached() ) {  
    wp_enqueue_style( 'pwcc-styles' );  
}  
else {  
    // prepare for script to be inlined (file is not cached)  
    $inlineCss[] = "pwcc-styles";  
}
```

CSS, the WordPress way

header.php (pseudo code)

```
if ( ! is_css_file_cached() ) {  
    echo '<style>';  
    echo $inlineCss;  
    echo '</style>';  
  
}
```






CSS, the WordPress way

header.php (pseudo code)

```
if ( !is_css_file_cached() ) {  
    echo '<style>' . $inlineCss . '</style>';  
    echo '<script>';  
    echo 'loadCss( "style.min.css" );';  
  
    echo '</script>';  
}
```

CSS, the WordPress way

header.php (pseudo code)

```
if ( !is_css_file_cached() ) {  
    echo '<style>' . $inlineCss . '</style>';  
    echo '<script>';  
    echo 'loadCss( "style.min.css" );';  
    set_css_cached( 'pwcc-styles' );  
    echo '</script>';  
}
```

set_css_cached

functions.js

```
document.cookie = 'csscached=20150530-31; path=/';
```

is_css_file_cached

functions.php

```
if ( isset( $_COOKIE["csscached"] ) &&  
    ( "20150530-31" == $_COOKIE["csscached"] ) ) {  
    return true;  
}  
else {  
    return false;  
}
```

```
<html>
```

```
<head>
```

```
<style>@-ms-viewport{width:device-width;zoom:1}@-o-viewport
```

```
{width:device-width;zoom:1}@viewport{width:device-width;
```

```
zoom:1}html{font-family:sans-serif;-ms-text-size-adjust:
```

```
100%;-webkit-text-size-adjust:100%}body{margin:0}article,
```

```
aside,details,figcaption,figure,footer,header,hgroup,main,
```

```
nav,section,summary{display:block}audio,canvas,progress,
```

```
video{display:inline-block;vertical-align:baseline}
```

```
audio:not([controls]){display:none;height:0}[hidden],
```

```
template{display:none}a{background:transparent}a:active,
```

```
li:active{background-color:#eee}a:active{background-color:#eee}
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="style.min.css" />
```

```
<link rel='shortcut icon' href='/favicon.ico'>
```

```
<link rel='apple-touch-icon' sizes='57x57'
```

```
  href='/apple-touch-icon-57x57.png'>
```

```
<link rel='apple-touch-icon' sizes='114x114'
```

```
  href='/apple-touch-icon-114x114.png'>
```

```
<link rel='apple-touch-icon' sizes='72x72'
```

```
  href='/apple-touch-icon-72x72.png'>
```

```
<link rel='apple-touch-icon' sizes='144x144'
```



```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="style.min.css" />
```

```
<link rel='shortcut icon' href='/favicon.ico'>
```

```
<link rel='apple-touch-icon' sizes='57x57'
```

```
  href='/apple-touch-icon-57x57.png' >
```

```
<link rel='apple-touch-icon' sizes='114x114'
```

```
  href='/apple-touch-icon-114x114.png' >
```

```
<link rel='apple-touch-icon' sizes='72x72'
```

```
  href='/apple-touch-icon-72x72.png' >
```

```
<link rel='apple-touch-icon' sizes='144x144'
```

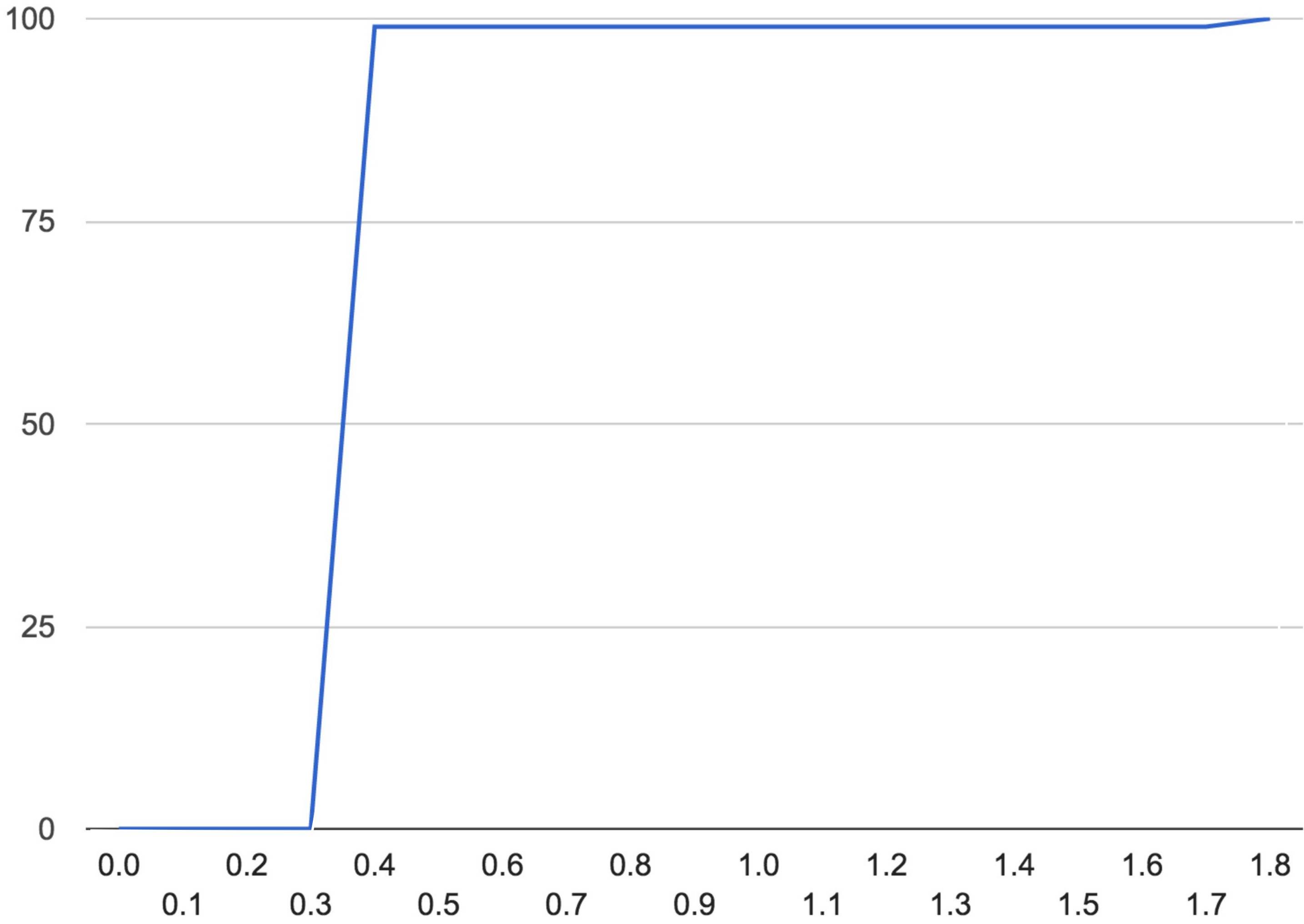
pwcc.cc/wcbne/inlinelcss

Flash of unstyled text

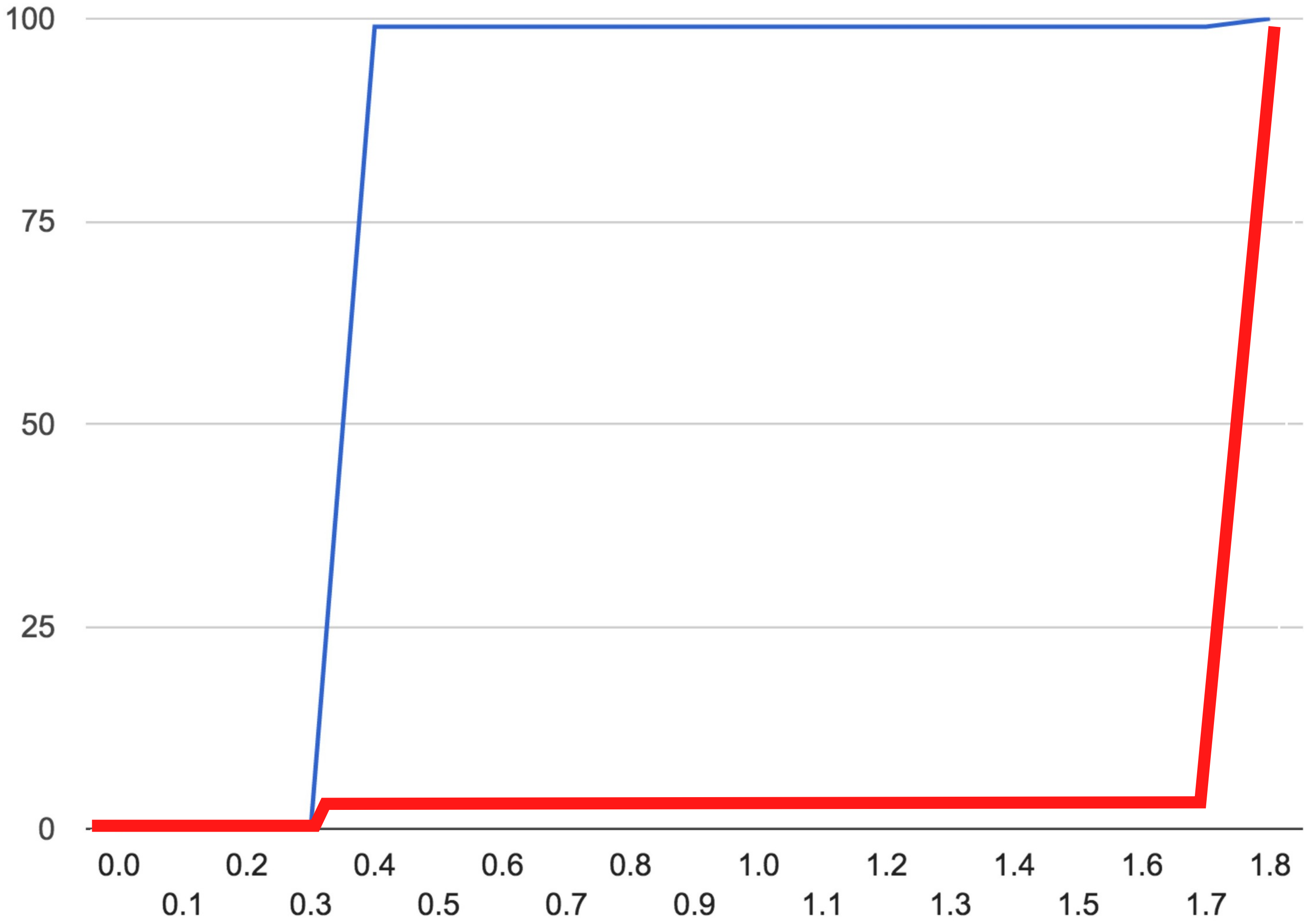
meet your new best friend



Visual progress



Visual progress



Invisibleble





[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the JavaScript to polyfill Emojii if the visitor's browser requires it



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤔

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the .JavaScript to polyfill Emojii if the visitor's browser requires it

Unstyled



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤪

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the .JavaScript to polyfill Emojii if the visitor's browser requires it



[HOME](#)

[GET IN CONTACT](#)

[PROJECTS](#)

[NOTES](#)

Peter Wilson has been making websites since around 1995. A front-end developer with a love for CSS, Peter has worked on sites for some of the country's largest and smallest companies.

LATEST POSTS

COM.GOOGLE

POSTED MAY 1, 2015 FROM 37°S, 144°W CATEGORY CODE

I made a dumb bookmarklet on April 1 and forgot to publish it.

[drag this to your bookmarks](#)

Better late than never, he lied.

INTUITION IS 🤪

POSTED APRIL 25, 2015 FROM 37°S, 144°W CATEGORY CODE TAGGED EMOJI, PERFORMANCE, WORDPRESS

Complaining about WordPress 4.2's inline Emoji script is to complain about the biggest front end performance gain of the feature.

You see, that tiny script does two things:

- check if your visitors browser supports Emoji, and,
- asynchronously load the .JavaScript to polyfill Emojii if the visitor's browser requires it

Standard @import Javascript

3. Add this code to your website:

```
<script type="text/javascript">

WebFontConfig = {

  google: { families: [ 'Lato:400,700,400italic,700italic:latin' ] }

};

(function() {

  var wf = document.createElement('script');

  wf.src = ('https:' == document.location.protocol ? 'https' : 'http') +

    '://ajax.googleapis.com/ajax/libs/webfont/1/webfont.js';

  wf.type = 'text/javascript';

  wf.async = 'true';

  var s = document.getElementsByTagName('script')[0];

  s.parentNode.insertBefore(wf, s);

})
```

Instruction
into your we
first elemen
document.

» See an ex

Collection (1 font family)

Lato Normal 400 Normal 400 Italic Bold 700 Bold 700 Italic

C

**We could also use browser fonts.
Just occasionally.**

**We could also use browser fonts.
Just occasionally.**

Validate me on Social Media



A horizontal row of social media sharing buttons with their respective counts. From left to right: a Google+ button with 16k, a Facebook Like button with 221k, a Reddit button with 1458, a Twitter Tweet button with 141K, and a LinkedIn Share button with 47.2K. The Twitter button and its count are highlighted with a blue border.

Platform	Count
g+1	16k
Like	221k
Reddit	1458
Tweet	141K
Share	47.2K



**The Facebook like button:
56 bytes per pixel**

“That’s f

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

no one will ever

[REDACTED]

press anyway!”

Like us on Facebook

```
<a href="https://facebook.com/client"  
  class="fb-like js-fb-like">  
  <i class="ico ico-fb"></i>  
  Like<span> us on Facebook</span>  
</a>
```

Like us with CSS



Like us with CSS

pwcc.cc/wcbne/fbcss

A blue rectangular button with rounded corners, featuring the Facebook 'f' logo on the left and the word 'Like' in white text on the right.

Like

A mark a yen a buck or a pound

money makes the world go round

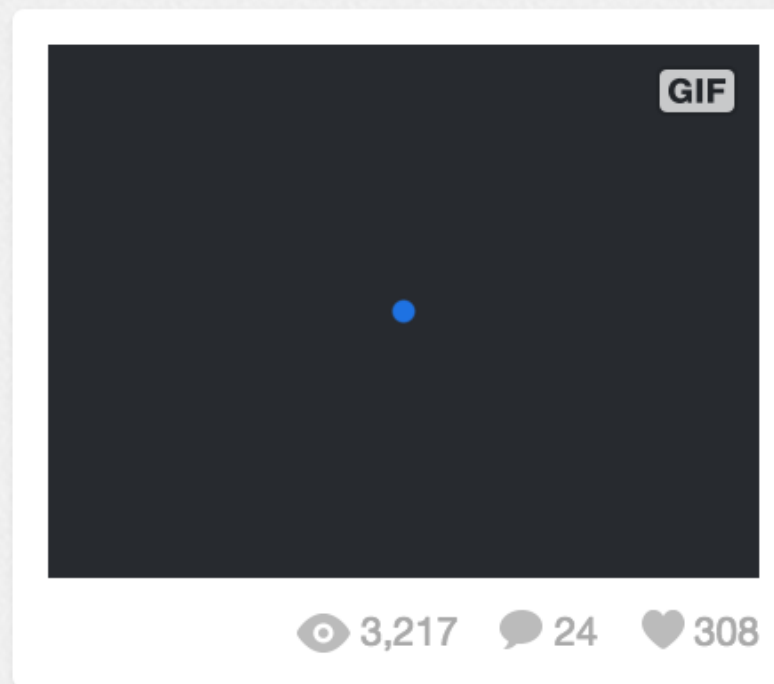
ALISI APARI

What are you working on? Dribbble is show and tell for designers.

Learn more

Sign up

Popular Shots Now



3,217 24 308

Creativedash



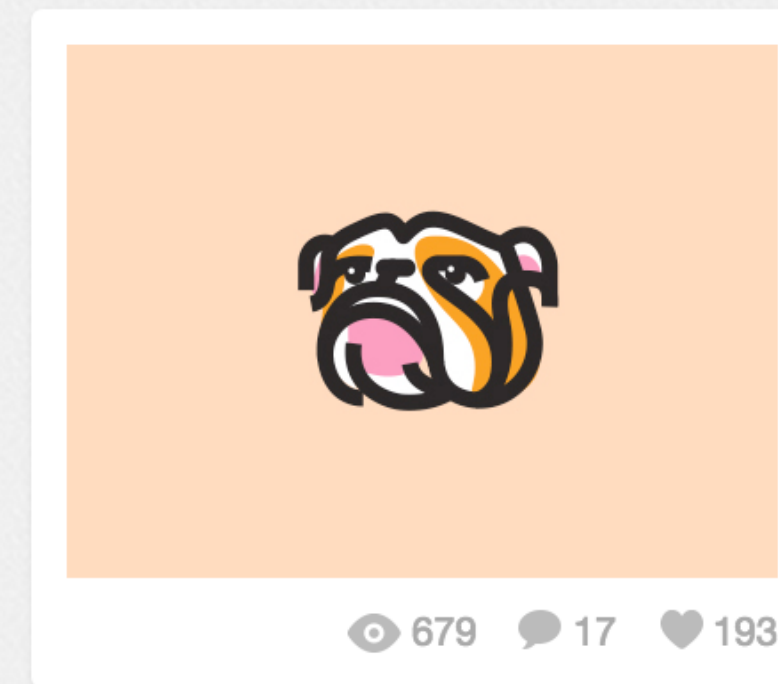
1,008 26 268

Nick Slater



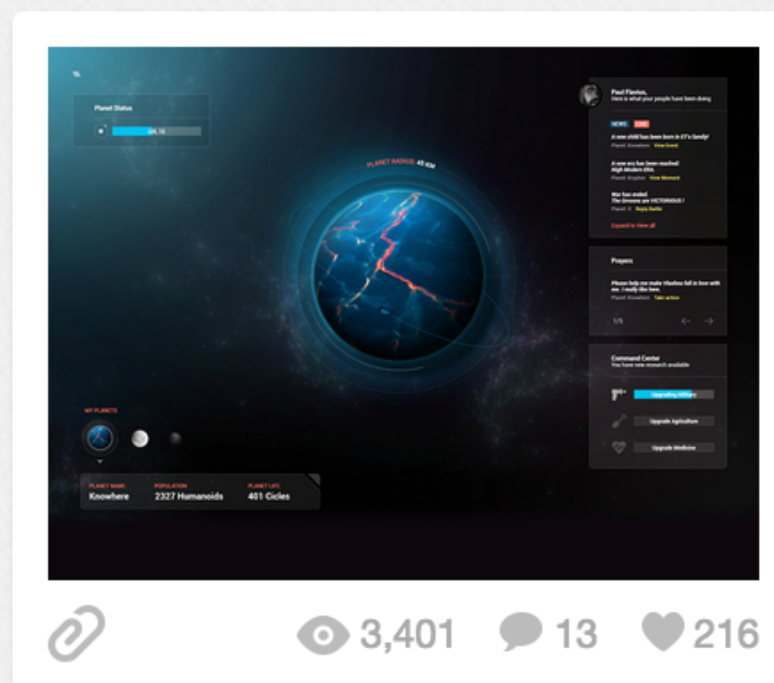
1,153 11 229

Allan Peters



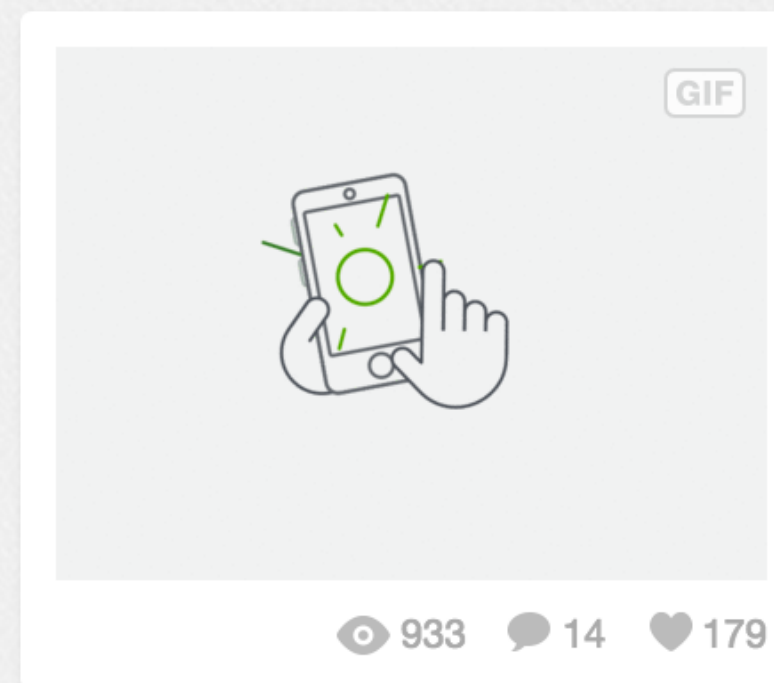
679 17 193

George Bokhua



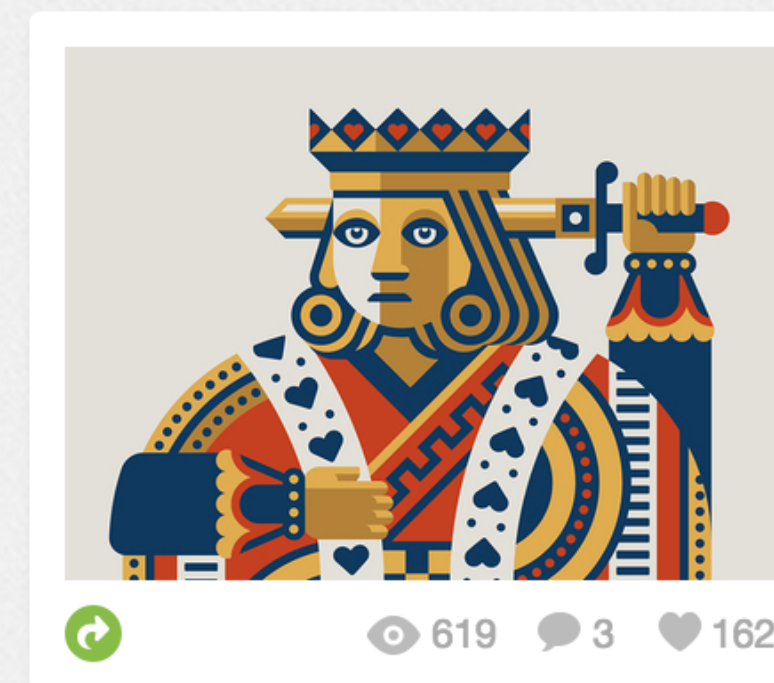
3,401 13 216

Paul Flavius Nechita



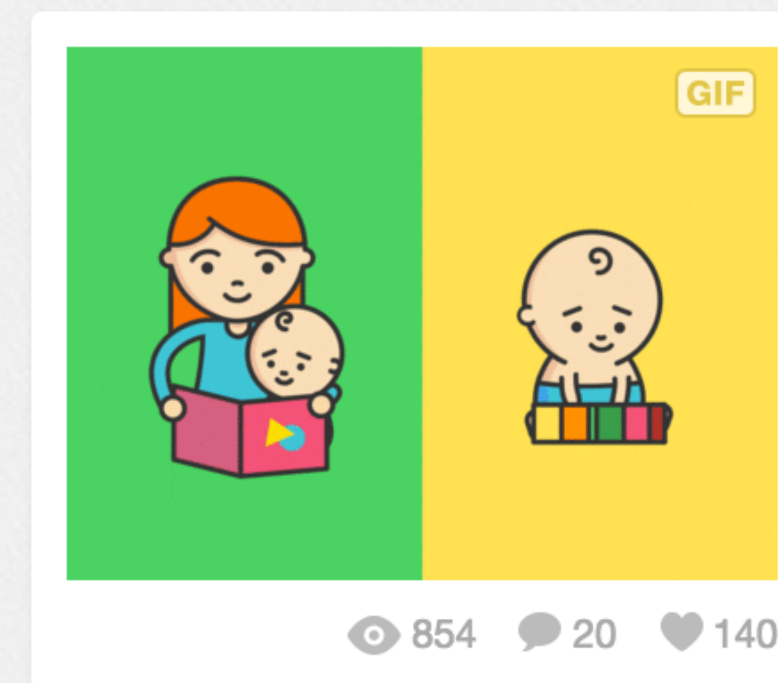
933 14 179

The Furrow



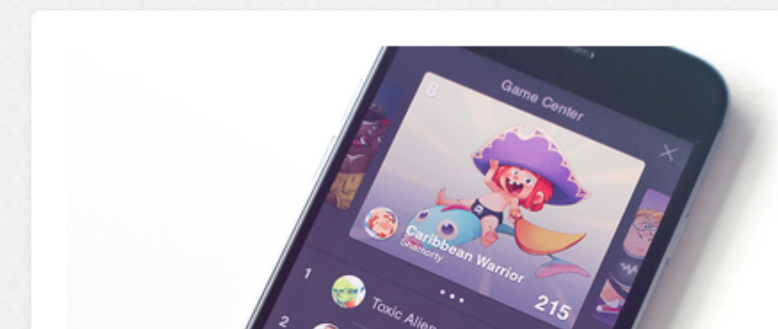
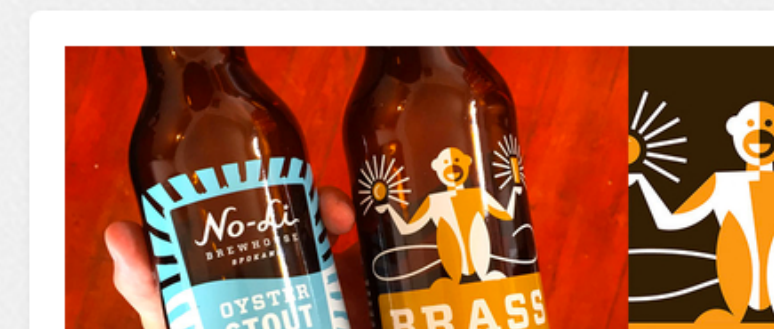
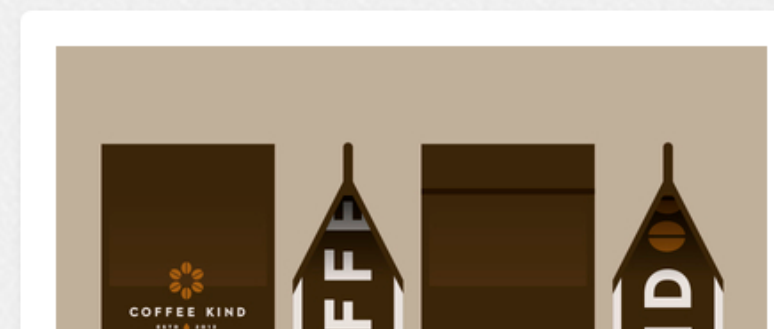
619 3 162

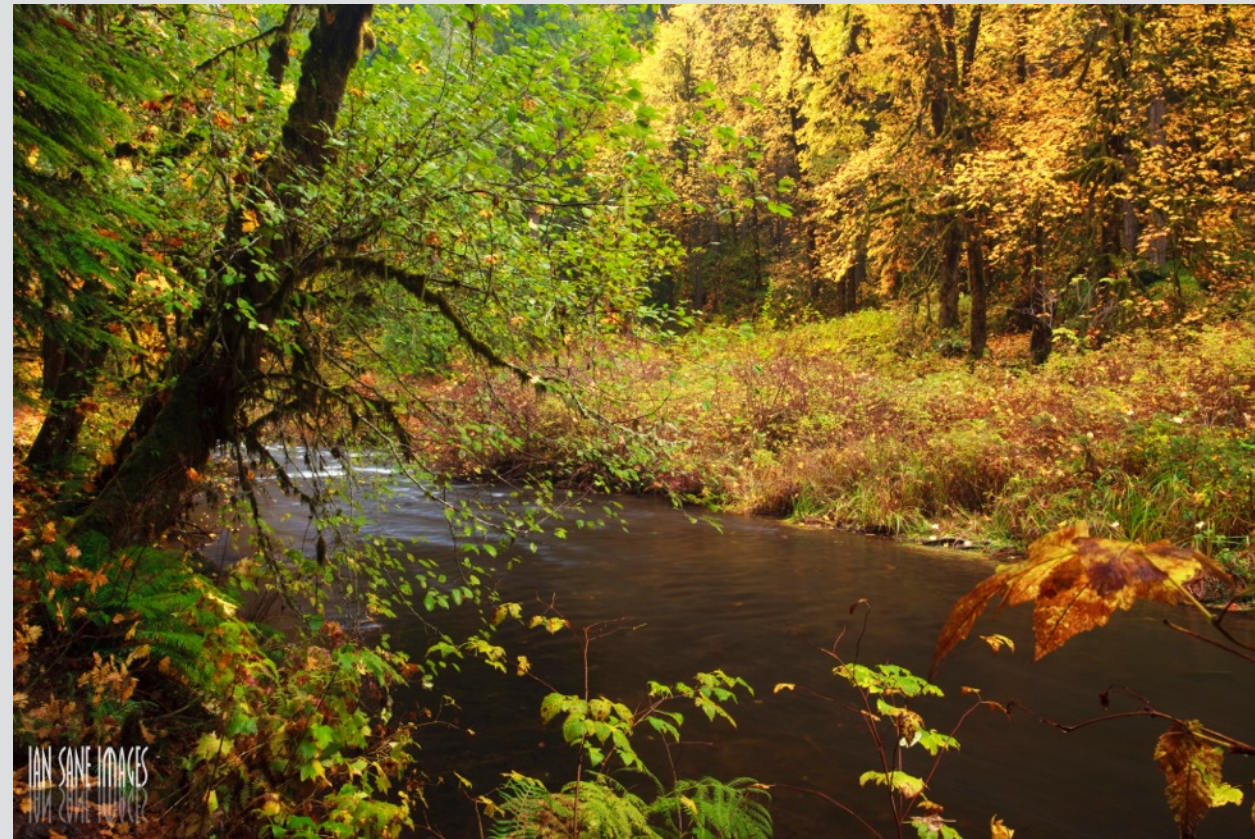
DKNG



854 20 140

Jonathan Dahl





**Download 15 free, beautiful,
high res photos for your next
project.**

Ads by the Network

Bad advertising insert code

```
(function(id) {  
  document.write('<script type="text/javascript" src="' +  
    'http://randomadnetwork.com/ad/ad' + id + '_js.php?' +  
    (new Date()).getTime()) + '></' + 'script>');  
})(“AL”);
```

Bad advertising insert code

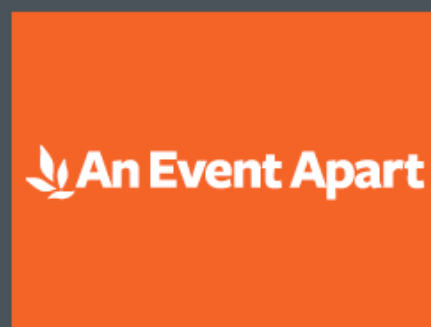
```
(function(id) {  
  document.write('<script type="text/javascript" src="' +  
    'http://randomadnetwork.com/ad/ad' + id + '_js.php?' +  
    (new Date()).getTime()) + '></' + 'script>');  
})(“AL”);
```


Bad advertising insert code

```
(function(id) {  
  document.write('<script type="text/javascript" src="' +  
    'http://randomadnetwork.com/ad/ad' + id + '_js.php?' +  
    (new Date()).getTime()) + '"></' + 'script>');  
})(“AL”);
```

By JOHN GRUBER

ARCHIVE
THE TALK SHOW
VESPER: NOW FOR IPAD
PROJECTS
CONTACT
COLOPHON
RSS FEED
TWITTER
SPONSORSHIP



Set yourself apart. The conference for people who make websites.

ADS VIA THE DECK

'THE BIG NEWS SITES STILL RULE' ★

Bob Lefsetz's harsh take on Recode:

They couldn't make it on their own.

Walt Mossberg, one of America's two most famous tech columnists, shot himself in the foot. He left the "Wall Street Journal." They're finding out in news what we already know in music, you can go it alone, the internet allows you to do this, but in a chaotic world he with the established presence wins, the major record labels figured out the internet and the big news sites still rule.

I don't agree with Lefsetz entirely, but he makes some good points.

My take is that if you're going to go indie, you need to stay lean and mean. You don't have to stay as lean and mean as I have — I have no employees, and to date, no one else has ever written a word for Daring Fireball. In fact, a one-person show might be *too* lean to get off the ground today. But then again, there's Ben Thompson and Stratechery.

The tidbit that stood out to me regarding Recode is that they had 44 full-time employees — plus a few contractors. That's not lean and mean. The advantage the internet provides to new publishers is that there's so little overhead. You can go really far with a really small talented team. 44 employees sounds like Recode was trying to go head-to-head with the Wall Street Journal on the business/tech beat. Rather than start small and grow big organically, they wanted to start big. And so to start big they took on investors, and next thing you know, they had to sell.

MATT BUCHANAN: 'A SERIES OF WHOLLY UNRELATED OBSERVATIONS ABOUT VOX MEDIA'S ACQUISITION OF RECODE' ★

By JOHN GRUBER

[ARCHIVE](#)

[THE TALK SHOW](#)

[VESPER: NOW FOR IPAD](#)

[PROJECTS](#)

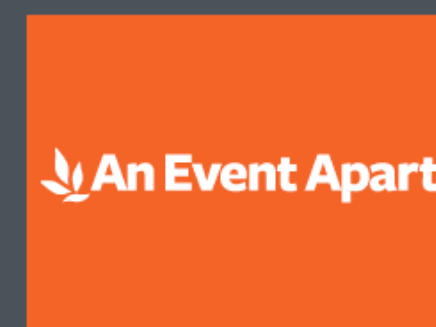
[CONTACT](#)

[COLOPHON](#)

[RSS FEED](#)

[TWITTER](#)

[SPONSORSHIP](#)



Set yourself apart. The
conference for people who
make websites.

Slightly better ad code

```
</div>
```

```
<div id="ad-loader" style="display:none">
```

```
</div>
```

```
</body>
```

```
</html>
```

Slightly better ad code

```
</div>
```

```
<div id="ad-loader" style="display:none">
```

```
  <!-- ignore default ad code here, load async -->
```

```
</div>
```

```
</body>
```

```
</html>
```

All this and more.

**Performance tuning my site
increased my traffic**

**Performance tuning my site
got me more Googles**

More to do

Ignore best practice

Thank you

Peter Wilson

peterwilson.cc • [@pwcc](https://twitter.com/pwcc)