

MODERN SASS ARCHITECTURE



STUART ROBSON

FRONT-END DEVELOPER

WWW.ALWAYSTWISTED.COM

MODERN SASS ARCHITECTURE

MODERN SASS ARCHITECTURE

- > FOLDER AND FILE STRUCTURE
 - > NAMING CONVENTIONS
- > COMPOSING DECLARATIONS
 - > MAINTAINING VARIABLES
 - > DOCUMENTATION
- > WHEN NOT TO USE SASS

FOLDER AND FILE STRUCTURE

TropicalIslandWorld.com



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Tropical creates pillows and accessories from among the most respected names in fabric and trim within the international industry. We employ only experienced seamstresses, many with haute couture experience, who have worked with every type of fabric, trim and design – from antique to contemporary.

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▸ [Pillows](#)

[Pillow Shams](#)

[Quilts/Bedspreads](#)

[Bedskirts](#)

[Decorative Accessories](#)

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Pillows



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Pillows Shams



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Box Paper Scissors

Greeting Cards

Unique Gifts

Fine Papers & Stationery

Embellishments and Craft Tools

Handmade Wedding Invitations

Custom Announcements

Workshops

Inspiration

Welcome

Welcome to Box Paper Scissors. We are not open for business just yet, but we look forward to seeing you soon at our new Calgary Kensington store. Few pleasures in life are as pure as the delight of finding an unexpected card or note in the mail. Our unique greeting cards, gifts, custom designer papers and card stock can help you give that thrill to a client or someone you care about. Ranging from all-business to whimsical to romantic, our designs will help you express just the right sentiment.

Kensington Store Opening

February 2006
318a 10th Street NW,
Calgary, Alberta

CONTACT US:
Phone: 403.270.1812
E-mail: info@boxpaperscissors.ca



Banyan Group

WE ARE AN ASSOCIATION OF BUSINESS OWNERS THAT offer in-depth integrated solutions to complex business problems.



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CSS



IMAGES



JAVASCRIPT



INDEX.HTML



CSS



STYLES.CSS

```

/*
=====
Handcrafted by
Last updated on
=====
Contents:
 01 Sensible Defaults
 02 Typography
    - Rendering
    - Ligatures
    - Families
    - Headings
    - Links
    - Paragraphs, Lists, and More
 03 Forms & Buttons
 04 Basic Layout
 05 Header
 06 Ads
 07 Blog Posts
 08 Blog Archives
 09 Speaking
 10 About
=====
*/

/* -----
01 Sensible Defaults ----- */

@import "reset.css";

{ -moz-box-sizing:border-box; -webkit-box-sizing:border-box; box-sizing:border-box; } /* Apply a natural box layout model to all elements - see
http://paulirish.com/2012/box-sizing-border-box-ftw */

div,
article,
section,
header,
footer,
nav,
figure,
li
    { position:relative; } /* For absolutely positioning elements within containers */
.group:after
    { display:block; height:0; clear:both; content:"."; visibility:hidden; } /* For clearing */
body
    { background:#fff; }
::-moz-selection
    { background:#ffff99; }
::selection
    { background:#ffff99; } /* See http://robsterlini.co.uk/posts/opentype-and-selection-dont-mix */

/* -----
02 Typography ----- */

/*
14 / 16 = 0.875em (14px equivalent)
16 / 16 = 1em (16px equivalent)
18 / 16 = 1.125em (18px equivalent)
21 / 16 = 1.3125em (21px equivalent)
24 / 16 = 1.5em (24px equivalent)
30 / 16 = 1.875em (30px equivalent)
72 / 16 = 4.5em (72px equivalent)
*/

/* 02a - Rendering */
html,
input,
textarea
    { -webkit-font-smoothing:antialiased; }

```

RESPONSIVE WEB DESIGN

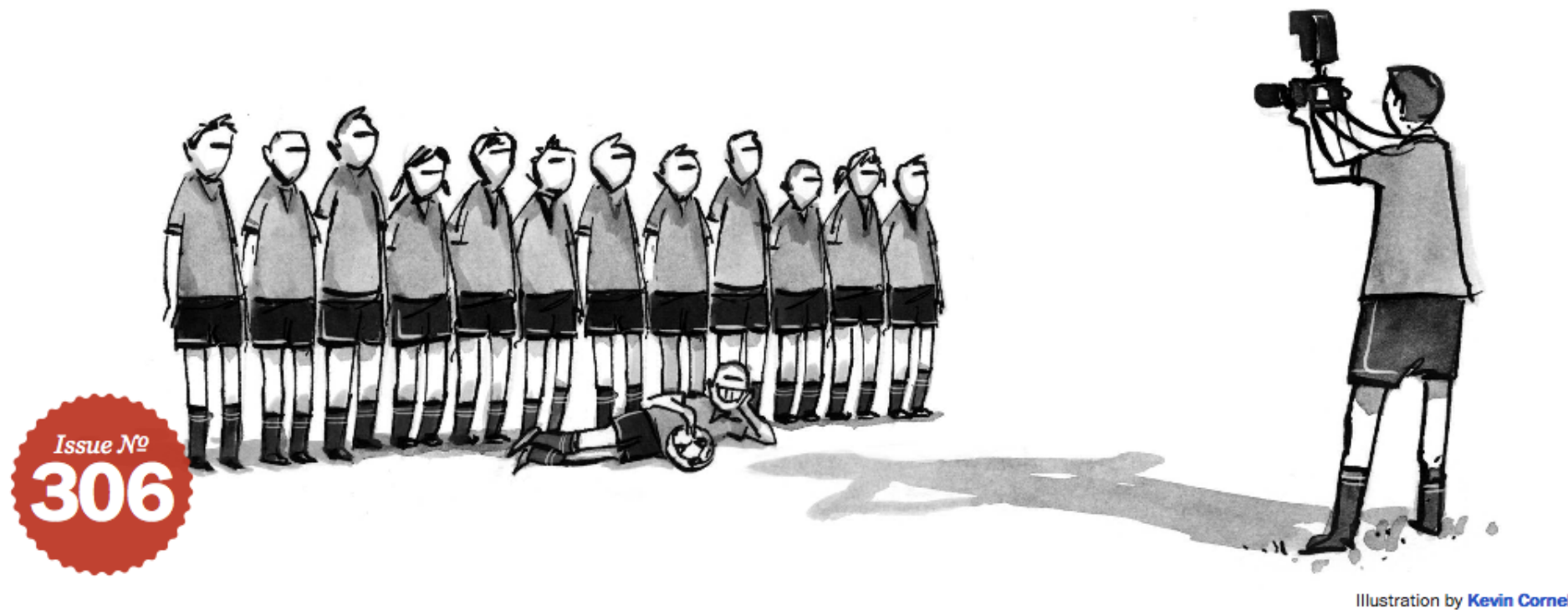


Illustration by [Kevin Cornell](#)

Responsive Web Design

by [Ethan Marcotte](#) · May 25, 2010

Published in [CSS](#), [Layout & Grids](#), [Mobile/Multidevice](#), [Responsive Design](#), [Interaction Design](#)

“The control which designers know in the print medium, and often desire in the web medium, is simply a function of the limitation of the printed page. We should embrace the fact that the web doesn’t have the same constraints, and design for this flexibility. But first, we must ‘accept the ebb and flow of things.’”

—[John Allsopp](#), *“A Dao of Web Design”*

```

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 05 Header
 06 Ads
 07 Blog Posts
 08 Blog Archives
 09 Speaking
 10 About
 11 Media Queries
    - 320 up
    - 480 up
    - 768 up
    - 1024 up
    - 1280 up
    - 1440 up
=====
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 07 Blog Posts
 08 Blog Archives
 09 Speaking
 10 About
 11 Media Queries
    - 320 up
    - 480 up
    - 768 up
    - 1024 up
    - 1280 up
    - 1440 up
=====
*/
```


ALL WE HAD WAS A SINGLE CSS FILE.
LONGER THAN A SLEEPLESS NIGHT.

- HUGO GIRAUDEL

SPLITTING OUT OUR CSS



CSS



STYLES.CSS



RESET.CSS



CSS



STYLES.CSS



RESET.CSS



PRINT.CSS





CSS



STYLES.CSS



RESET.CSS



PRINT.CSS



MOBILE.CSS



TABLET.CSS



DESKTOP.CSS

FILES EVERYWHERE





CSS



IMAGES



JAVASCRIPT



SASS



INDEX.HTML



SASS



_STYLES.SCSS



_RESET.SCSS



_PRINT.SCSS



_MOBILE.SCSS



_TABLET.SCSS



DESKTOP.SCSS



CSS



STYLES.CSS





SASS GIVES YOU EXTRA



`_MIXINS.SCSS`



`_MIXINS.SCSS`



`_VARIABLES.SCSS`



`_MIXINS.SCSS`



`_VARIABLES.SCSS`



`_FUNCTIONS.SCSS`



SASS



_STYLES.SCSS



_RESET.SCSS



_PRINT.SCSS



_MOBILE.SCSS



_TABLET.SCSS



DESKTOP.SCSS



CONFIG



_MIXINS.SCSS



_VARIABLES.SCSS



_FUNCTIONS.SCSS



SASS



CONFIG



_STYLES.SCSS



_RESET.SCSS



_PRINT.SCSS



_MOBILE.SCSS



_TABLET.SCSS

STRUCTURING MY SASS 101, PART 1.

07 Jan 2013

note: This is not a guide. This is just how I choose to do things.

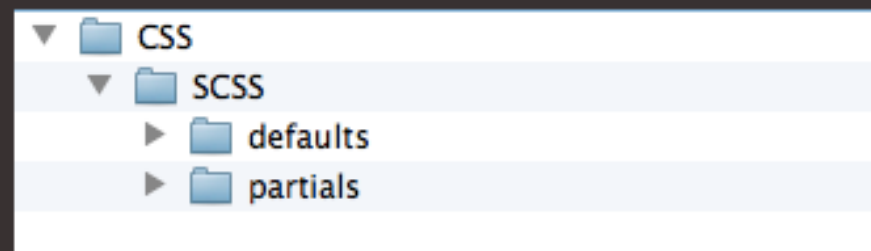
I've been meaning to write more about how I structure my Sass files when front-end dev'ing for clients. I was going to do this huge long post but I kept finding that idea daunting.

The plan is to have several short posts discussing bits of the whole that'll eventually make 'the whole'.

PART 1, FOLDER STRUCTURE

I keep my Sass folder within my CSS folder. Using something like codekit you can choose to do this differently, but for me this is just easier.

So I'd have a CSS folder, where the compiled SCSS would end up, and a folder called SCSS. In that folder there's a further two, defaults and partials.



Looking for new projects to start around from June 2016

[HIRE ME](#)

SASS NEWS

A WEEKLY EMAIL NEWSLETTER

A set of the weeks finest blogposts, articles, codepens and examples using Sass straight to your inbox.

RWDCALC

EASILY TURN YOUR PIXELS INTO PERCENTAGES

A simple calculator to turn your pixel based designs into



HEADER



MAIN



FOOTER



SASS



CONFIG



_STYLES.SCSS



_RESET.SCSS



_PRINT.SCSS



_MOBILE.SCSS



_TABLET.SCSS



DEFAULTS



_RESET.SCSS



_PRINT.SCSS



_BASE.SCSS



_HEADER.SCSS



_FOOTER.SCSS



SASS



CONFIG



DEFAULTS



_STYLES.SCSS



_MOBILE.SCSS



_TABLET.SCSS



DESKTOP.SCSS

PARTIALS



PARTIALS



_CAROUSEL.SCSS



_NAVIGATION.SCSS



_SIDEBAR.SCSS



_HEADER.SCSS



_FOOTER.SCSS





PARTIAL-POCALYPSE





ALWAYS TWISTED

{ Slightly Bizarre Ramblings Of A Front-End Developer }

STRUCTURING MY SASS 101, PART 1.

07 Jan 2013

note: This is not a guide. This is just how I choose to do things.

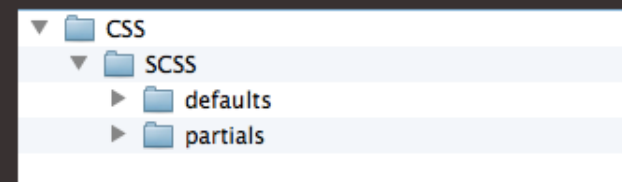
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So I'd have a CSS folder, where the compiled SCSS would end up, and a folder called SCSS. In that folder there's a further two, defaults and partials.



The 'defaults' folder is where I'd keep things that would never or very rarely change during the projects lifetime. This is where your reset would go, your print styles and your helpers.



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SASS NEWS

A WEEKLY EMAIL NEWSLETTER

A set of the weeks finest blogposts, articles, codepens and examples using Sass straight to your inbox.

RWDCALC

EASILY TURN YOUR PIXELS INTO PERCENTAGES

A simple calculator to turn your pixel based designs into the start of your responsive website. Including margins, padding and borders.

Architecture for a Sass Project



Hugo Giraudel



February 27, 2014



+10



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Was this helpful?



Remember when we used to do everything with nothing more than plain old CSS? All we had was a single CSS file, longer than a sleepless night. Yay! Thousands and thousands of lines — usually poorly written — of CSS where we were struggling to find the one value we had to change to fix some obscure and frustrating IE bug.

Well those days are behind us, folks. Dealing with CSS has become more interesting and more complicated. Probably the latter because of the former. And now that we have CSS preprocessors, responsive web design, progressive enhancement, graceful degradation, and all the other things cool kids talk about, CSS has become more powerful than ever.



“CSS has become more interesting and complicated.”

— Me.



So because we have a lot to deal with, it is important that we stay organized. And we can probably all agree that it isn't always easy to be. So I thought in this post I could help you to understand how you should *think* (rather than how you should do; I'll leave that up to you).

Recommended for you

- [A Simple Gulp'y Workflow For Sass](#)
- [Introducing the SitePoint Sass Reference](#)
- [Testing a Sass Library](#)
- [Using @error responsibly in Sass](#)
- [Bootstrap Sass Installation and Customization](#)

MODERN SASS ARCHITECTURE

A PLACE FOR EVERYTHING, AND
EVERYTHING IN ITS PLACE

- MRS BEETON



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES



THEMES

7-1 PATTERN

- HUGO GIRAUDEL

6-1 FOLDER STRUCTURE



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

BASE //

BASE//

- > RESET OR NORMALIZE
- > TYPOGRAPHY SETTINGS
- > PRIMITIVE OR ATOMIC DEFAULTS
- > CODE FOR COMMON HTML ELEMENTS



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

COMPONENTS//

COMPONENTS//

- > **SMALLER MODULES OF A SITE**
- > **TABS, CAROUSEL, ACCORDIAN**



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

LAYOUTS//

LAYOUTS//

- > THE LAYOUT OF A SITE
- > HEADER, FOOTER, ASIDE, MAIN



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

PAGES//

PAGES/

- > THE PAGE SPECIFIC CODE OF A SITE
- > SASS FILES NAMED AFTER THE PAGE
 - > `_front-page.scss`
 - > `_contact-page.scss`



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

VENDOR //

VENDOR/

- > FILES WRITTEN BY OTHERS
- > EXTERNAL FRAMEWORKS OR LIBRARIES



BASE



CONFIG



COMPONENTS



VENDOR



LAYOUT



PAGES

CONFIG //

CONFIG//

- > SASS CODE THAT DOESN'T COMPILE CSS
 - > TOOLS AND HELPERS
 - > MIXINS, VARIABLES, FUNCTIONS

CONFIG/

```
| - config/  
| - | - _variables.scss  
| - | - _functions.scss  
| - | - _mixins.scss  
| - | - _helpers.scss
```

_mixins.scss

```
1  /* $Mixins */
2
3  @mixin box-sizing($sizing: border-box) {
4      -webkit-box-sizing: $sizing;
5      -moz-box-sizing: $sizing;
6      box-sizing: $sizing;
7  }
8
9  @mixin box-shadow($shadow: 0 1px 1px rgba(0,0,0,.3)) {
10     -webkit-box-shadow: $shadow;
11     -moz-box-shadow: $shadow;
12     box-shadow: $shadow;
13 }
14
15 @mixin linear-top-gradient($c1: #fff, $c2: #000) {
16     background-image: -webkit-linear-gradient(top, $c1, $c2); /* Chrome 10+, Saf5.1+, iOS 5+ */
17     background-image: -moz-linear-gradient(top, $c1, $c2); /* FF3.6+ */
18     background-image: -ms-linear-gradient(top, $c1, $c2); /* IE10 */
19     background-image: -o-linear-gradient(top, $c1, $c2); /* Opera 11.10+ */
20     background-image: linear-gradient(to bottom, $c1, $c2);
21 }
22
23 @mixin border-radius($radius: 3px) {
24     -webkit-border-radius: $radius; /* Saf3-4, iOS 1-3.2, Android ≤1.6 */
25     border-radius: $radius; /* Opera 10.5, IE9, Saf5, Chrome, FF4+, iOS 4, Android 2.1+ */
26     /* Hiding background color from leaking outside the border */
27     -webkit-background-clip: padding-box;
28     -moz-background-clip: padding;
29     background-clip: padding-box;
30 }
31
32 @mixin transform($transform: rotate(360deg)) {
33     -webkit-transform: $transform;
34     transform: $transform;
35 }
36
37 @mixin opacity($opacity: 1) {
38     -webkit-opacity: $opacity;
39     -moz-opacity: $opacity;
40     opacity: $opacity;
41 }
42
43 @mixin transition($transition: all 0.2s) {
44     -webkit-transition: $transition;
45     -moz-transition: $transition;
46     -ms-transition: $transition;
47     -o-transition: $transition;
48     transition: $transition;
49 }
50
```




MIXINS



_M-CHILDREN-OF-IE.SCSS



_M-COLOURS.SCSS



_M-MEDIA-QUEURIES.SCSS



_M-PLACEHOLDERS.SCSS



_M-MODULAR-SCALE.SCSS

_variables.scss

```
586 $thumbnail-border: #ddd !default;
587 $thumbnail-border-radius: $border-radius !default;
588
589
590 // Breadcrumbs
591
592 $breadcrumb-padding-vertical: .75rem !default;
593 $breadcrumb-padding-horizontal: 1rem !default;
594
595 $breadcrumb-bg: $gray-lighter !default;
596 $breadcrumb-divider-color: $gray-light !default;
597 $breadcrumb-active-color: $gray-light !default;
598 $breadcrumb-divider: "/" !default;
599
600
601 // Carousel
602
603 $carousel-text-shadow: 0 1px 2px rgba(0,0,0,.6) !default;
604
605 $carousel-control-color: #fff !default;
606 $carousel-control-width: 15% !default;
607 $carousel-control-opacity: .5 !default;
608 $carousel-control-font-size: 20px !default;
609
610 $carousel-indicator-active-bg: #fff !default;
611 $carousel-indicator-border-color: #fff !default;
612
613 $carousel-caption-color: #fff !default;
614
615
616 // Close
617
618 $close-font-weight: bold !default;
619 $close-color: #000 !default;
620 $close-text-shadow: 0 1px 0 #fff !default;
621
622
623 // Code
624
625 $code-color: #bd4147 !default;
626 $code-bg: #f7f7f9 !default;
627
628 $kbd-color: #fff !default;
629 $kbd-bg: #333 !default;
630
631 $pre-bg: #f7f7f9 !default;
632 $pre-color: $gray-dark !default;
633 $pre-border-color: #ccc !default;
634 $pre-scrollable-max-height: 340px !default;
```

ALL WE HAD WAS A SINGLE SASS
VARIABLES FILE,
LONGER THAN A SLEEPLESS NIGHT.

- STU ROBSON

634 LINES



VARIABLES



_V-COLOURS.SCSS



_V-FONTS.SCSS



_V-SPACING.SCSS



_V-BORDERS.SCSS



_V-MEDIA-QUERIES.SCSS

`_shame.scss`



17 April, 2013

shame.css

Update: I did a [short interview about shame.css](#) with .net magazine.

Something [Chris Coyier](#), [Dave Rupert](#) and I [joked about recently](#) was the idea of a stylesheet dedicated to housing your nasty, hacky, quick-fix CSS. I've been thinking a lot more about it lately and I reckon it's actually a pretty good idea; here's why...

The problem

We all know that, no matter how hard we may try, sometimes we *do* need to use quick fixes, hacks and questionable techniques in our code. It happens, whether we like to admit it or not.

From using a quick `overflow: hidden;` instead of working out what's actually broken our layout, to the odd `!important` to override some poor CSS, there are often times where we need to use less than ideal CSS in order to meet deadlines, to get something working, or to fix pressing—or even live—bugs.

Whilst this isn't ideal, we *have* to do it from time to time; **all of us**.

The real problem, though, is that we rarely go back and tidy these things up. They slip through the cracks, get ignored, go unnoticed, and stay for good. This we do *not* have to do.

The problem with leaving hacks and nasty code is obvious; it's hacky and nasty. However, other problems with leaving this code can arise... I think the most important and severe is the fact that, as soon as another developer sees that someone used

Hi there, I'm Harry. I am an **award-winning Consultant Front-end Architect, designer, developer, writer and speaker** from the UK. I **write, tweet, speak** and **share code** about authoring and scaling CSS for big websites. You can **hire me**.

Follow @csswizardry 42.8K followers

I am currently **accepting new projects** for Q3-4, 2015

Referral scheme

Projects



ITCSS – coming soon...

css { guide:



Scalable and Modular Architecture for CSS

A flexible guide to developing sites small and large.



“SMACSS is becoming one of the most useful contributions to front-end discussions in years” *

I've been analyzing my process (and the process of those around me) and figuring out how best to structure code for projects on a larger scale. What I've found is a process that works equally well for sites small and large.

Learn how to structure your CSS to allow for flexibility and maintainability as your project and your team grows.

[Get the book!](#)

[Get the workshop!](#)

What is it?

SMACSS (pronounced “smacks”) is more style guide than rigid framework. There is no library within here for you to download or install. SMACSS is a way to examine your design process and as a way to fit those rigid frameworks into a flexible thought process. It is an attempt to document a consistent approach to site development when using CSS. And really, who isn't building a site with CSS these days?!

Get to know Scalable and Modular Architecture for CSS:

Get the Book

[Purchase the book!](#) The e-book comes in PDF, ePub and mobi formats for easy installation on almost any e-reader. The e-book purchase also includes access to screencasts on [smacss.com](#).

What's in SMACSS?

Preface

1. [About the Author](#)
2. [Introduction](#)

Core

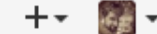
3. [Categorizing CSS Rules](#)
4. [Base Rules](#)
5. [Layout Rules](#)
6. [Module Rules](#)
7. [State Rules](#)
8. [Theme Rules](#)
9. [Changing State](#)

Aspects of SMACSS



This repository Search

Pull requests Issues Gist



minamarkham / sassy-starter

Watch 47

Star 343

Fork 62

Sassy starter - HTML / SCSS (SMACSS) <http://minamarkham.github.io/sassy-starter/>

48 commits

2 branches

0 releases

2 contributors



Branch: master

sassy-starter / +



minamarkham Update README.md

Latest commit ca830c7 12 days ago



src

Update _index.scss

20 days ago



.gitignore

update to v2.0.0

25 days ago



.htaccess

update to v2.0.0

25 days ago



.sass-lint.yml

update to v2.0.0

25 days ago



.travis.yml

update to v2.0.0

25 days ago



LICENSE.md

update to v2.0.0

25 days ago



README.md

Update README.md

12 days ago



gulpfile.js

add theming example

21 days ago



package.json

update to v2.0.0

25 days ago



sache.json

update to v2.0.0

25 days ago

README.md

BUILT WITH



USES

CSS

POWERED BY

NETFLIX

Sassy Starter Ready 0

A starter toolkit based on [Scalable and Modular Architecture for CSS \(SMACSS\)](#) and [Atomic Design](#)

<> Code

Issues 0

Pull requests 0

Wiki

Pulse

Graphs

SSH clone URL

git@github.com:m

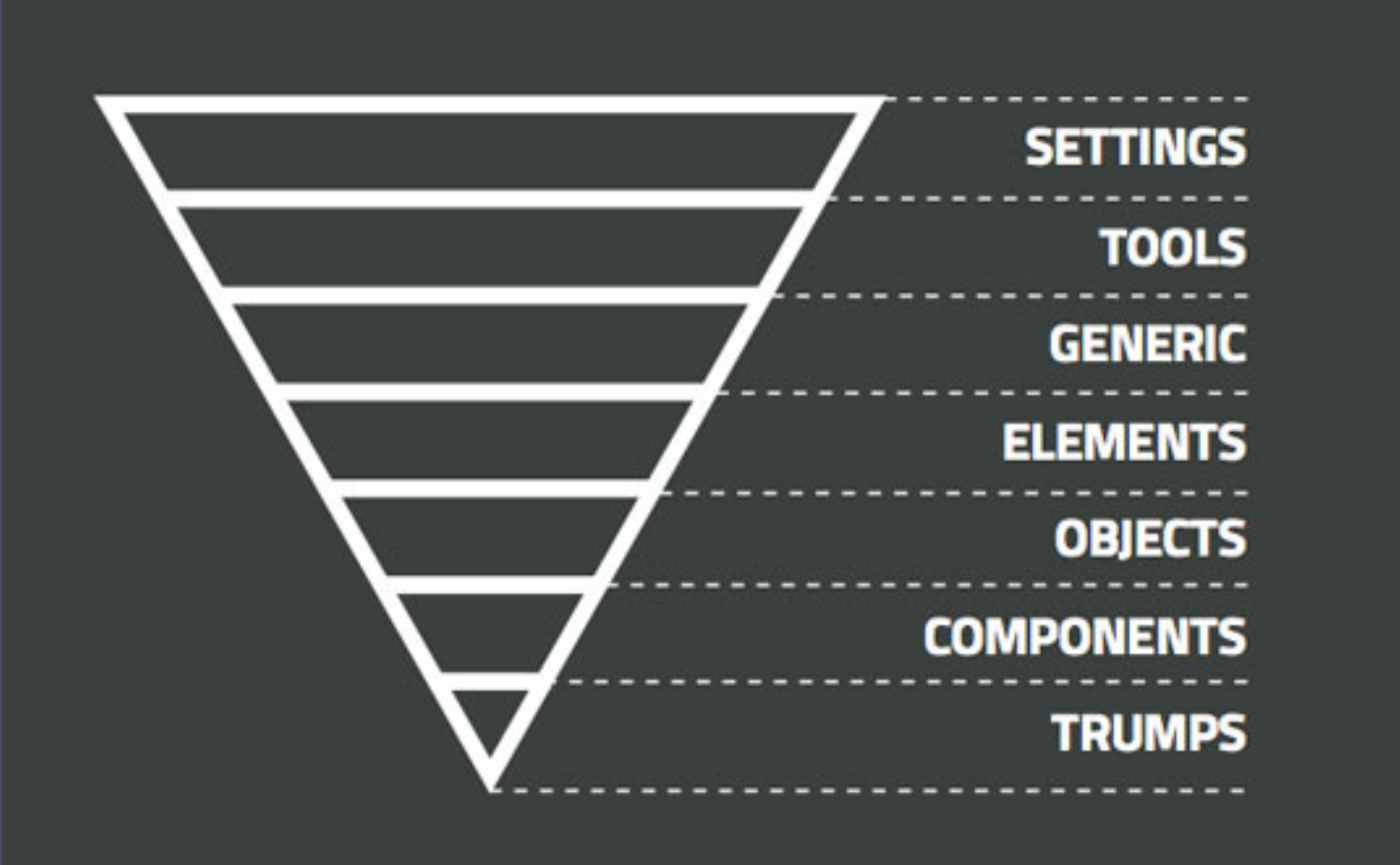
You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP

itcss

A sane, scalable, managed
CSS architecture from [CSS Wizardry](#)



MODERN SASS ARCHITECTURE

NAMING CONVENTIONS

```
#header-navigation {  
  float: left;  
}  
.main-navigation-link {  
  list-style: none;  
}  
.main-navigation-signup-link {  
  color: red;  
}
```

B.E.M.

B - BLOCK

E - ELEMENT

M – MODIFIER

```
.block { [...] }  
.block__element { [...] }  
.block--modifier { [...] }  
.block__element--modifier { [...] }
```



25 January, 2013

MindBEMding – getting your head 'round BEM syntax

One of the questions I get asked most frequently is 'what do `--` and `__` mean in your classes?'

The answer is thanks to **BEM** and **Nicolas Gallagher**...

BEM – meaning *block, element, modifier* – is a front-end naming methodology thought up by the guys at **Yandex**. It is a smart way of naming your CSS classes to give them more transparency and meaning to other developers. They are far more strict and informative, which makes the BEM naming convention ideal for teams of developers on larger projects that might last a while.

It is important to note that I use a naming scheme *based* on BEM, but **honed by Nicolas Gallagher**. The naming techniques covered in this post are not the original BEM ones, but are improved versions that I much prefer. Whatever the actual notation used, they are all based on the same BEM principles.

The naming convention follows this pattern:

```
.block {}  
.block__element {}  
.block--modifier {}
```

- **.block** represents the higher level of an abstraction or component.

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Projects



ITCSS – coming soon...

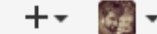
css { guide:

```
.nav {  
  float: left;  
}  
.nav__link {  
  list-style: none;  
}  
.nav__link--signup {  
  color: red;  
}
```



This repository Search

Pull requests Issues Gist



sturobson / BEM-resources

Unwatch 11

Unstar 126

Fork 2

Just a repo full of BEM resources — Edit

29 commits

1 branch

0 releases

2 contributors



Branch: master

BEM-resources / +



sturobson adds a couple more articles

Latest commit c8fd0c6 on 7 Oct

LICENSE

Initial commit

8 months ago

README.md

adds a couple more articles

a month ago

README.md

BEM Resources

Everyone loves a bit of BEM in their development. Here's just the starts of hopefully a large list of resources.

Articles

- [BEM and SMACSS: Advice From Developers Who've Been There](#)
- [MindBEMding – getting your head 'round BEM syntax - CSS Wizardry](#)
- [A New Front-End Methodology: BEM - Smashing Magazine](#)
- [A New Front-End Methodology: BEM \(Blocks Reiteration\) - Smashing Magazine](#)
- [A New Front-End Methodology: BEM \(File System Representation For A Block\) - Smashing Magazine](#)
- [BEM 101 - CSS Tricks](#)
- [An Introduction to the BEM Methodology - Tuts Plus](#)
- [Scaling Down The BEM Methodology For Small Projects - Smashing Magazine](#)
- [Maintainable CSS with BEM - Integralist](#)

Code

Issues 0

Pull requests 0

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Settings

SSH clone URL

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You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

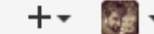
Clone in Desktop

Download ZIP



This repository Search

Pull requests Issues Gist



Watch 9 Star 78 Fork 12

bjankord / CSS-Components-Modifiers-And-Subcomponents-Collection

A collection of common CSS module class names

22 commits 1 branch 0 releases 3 contributors

Branch: master CSS-Components-Modifiers-And-Subcomponents-Collection / +

| | | |
|-------------------|---|-------------------------------------|
| bjankord | Update and rename modules.css to components.css | Latest commit 57b7d21 on 2 Dec 2013 |
| README.md | Update README.md | 2 years ago |
| components.css | Update and rename modules.css to components.css | 2 years ago |
| modifiers.css | Update modifiers.css | 2 years ago |
| subcomponents.css | Update subcomponents.css | 3 years ago |

README.md

CSS Components, Modifiers, and Subcomponents Collection

A collection of common CSS component, modifier, and subcomponent class names from around the web.

What are CSS components, modifiers, and subcomponents?

Recently I've been researching [SMACSS](#) by [Johnathan Snook](#) and the [BEM Methodology](#) by Yandex as well as examining my own style of crafting CSS. I've started adopting an approach based on SMACSS that uses the **Base, Layout, Module, State** approach for structuring my CSS, though I've

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MODERN SASS ARCHITECTURE

COMPOSING DECLARATIONS

HOW TO WRITE YOUR SASS

HOW TO WRITE YOUR CSS

MAKE THE RULES

- > SINGLE LINE OR MULTI-LINE
- > ORDERING ALPHABETICALLY OR TYPE
 - > LEVEL OF NESTING

```
.component {  
  background-color: #BADDA55;  
  border: 1px solid #000;  
  height: 300px;  
  width: 400px;  
}
```

```
.component {  
  background-color: #BADDA55;  
  border: 1px solid #000;  
  height: 300px;  
  height: 270px;  
  width: 400px;  
}
```

```
.component {  
  background-color: #BADA55;  
  border: 1px solid #000;  
  height: 300px;  
  width: 400px;  
  
  .component__title {  
    color: #070707;  
    font-size: 2.4em;  
  
    .component__title__link {  
      text-decoration: none;  
    }  
  }  
}
```



```
.component {
  background-color: #BADDA55;
  border: 1px solid #000;
  height: 300px;
  width: 400px;
}

.component__title {
  color: #070707;
  font-size: 2.4em;
}

.component__title__link {
  text-decoration: none;
}
```

Tabs

Spaces



```
.component {  
  // variables  
  // extends  
  // mixins  
  // functions  
  
  // CSS  
  
  // parent selectors  
  
  // media queries  
}
```

```
.component {
  $border-color: $color--alt-1;

  @include box-sizing(content);

  border: 1px solid $border-color;

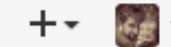
  &:hover {
    border: none;
  }

  @include mq(768) {
    font-size: 2em;
  }
}
```



This repository Search

Pull requests Issues Gist



hudochenkov / postcss-sorting

Watch 3 Star 76 Fork 4

Code Issues 3 Pull requests 1 Pulse Graphs

PostCSS plugin to sort rules content with specified order.

52 commits 1 branch 7 releases 1 contributor

Branch: master New pull request New file Upload files Find file HTTPS https://github.com/hudo Download ZIP

hudochenkov Release 1.2.3 Latest commit c8693d3 4 days ago

| | | |
|----------------|--|--------------|
| configs | Sort prefixed properties without explicit specifying in config #2 | 4 months ago |
| test | Comment Less test and remove mention in readme | 4 days ago |
| .editorconfig | Initial commit | 4 months ago |
| .eslintrc | Add space between subclasses, children styles | 2 months ago |
| .gitattributes | Add space between subclasses, children styles | 2 months ago |
| .gitignore | Change and enable LESS test | a month ago |
| .travis.yml | Initial commit | 4 months ago |
| CHANGELOG.md | Release 1.2.3 | 4 days ago |
| LICENSE.md | Update the year in readme | 3 months ago |
| README.md | Comment Less test and remove mention in readme | 4 days ago |
| index.js | Fix adding empty lines between children rules if there are comments b... | 4 days ago |
| package.json | Release 1.2.3 | 4 days ago |

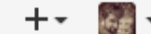
CODE QUALITY AND CONSISTENCY

LINTING



This repository Search

Pull requests Issues Gist



sasstools / sass-lint

Watch 40

Star 298

Fork 33

Pure Node.js Sass linting

989 commits

11 branches

10 releases

15 contributors



Branch: develop

sass-lint / +



DanPurdy Merge pull request #395 from bgriffith/fix/space-around-operator

Latest commit 4938c18 a day ago



bin

Update Cli help message

22 days ago



data

Add Property List

2 months ago



docs

Merge branch 'develop' into update-property-sort-order

a day ago



lib

Merge branch 'develop' into fix/space-around-operator

a day ago



tests

Merge branch 'develop' into fix/space-around-operator

a day ago



.editorconfig

Add Editorconfig

3 months ago



.eslintrc

Linting Testing

3 months ago



.gitignore

Add OSX files to gitignore

22 days ago



.npmrc

Set NPM Version message

2 months ago



.nvmrc

Add NVMRC file

2 months ago



.travis.yml

✓ Add coveralls for code coverage

6 days ago



CHANGELOG.md

Prepare 1.3.3

2 days ago



CODE_OF_CONDUCT.md

Create CODE_OF_CONDUCT.md

3 months ago



CONTRIBUTING.md

✎ Include full error message

3 months ago



LICENSE

Initial commit

9 months ago



README.md

✎ Add Coveralls Badge to README

8 days ago



index.js

🐛 pass ignored files from CLI

22 days ago



package.json

Merge branch 'develop' into release/1.3.3

2 days ago

<> Code

Issues 57

Pull requests 6

Wiki

Pulse

Graphs

SSH clone URL

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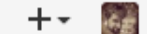
Clone in Desktop

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This repository Search

Pull requests Issues Gist



brigade / scss-lint

Watch 108

Star 1,900

Fork 227

Configurable tool for writing clean and consistent SCSS

917 commits

4 branches

61 releases

63 contributors



Branch: master

scss-lint / +



lencioni Use SVG instead of PNG for code climate badge

Latest commit 31d0ddc 7 days ago



bin

Extract Options helper class from CLI class

a year ago



config

Add a PseudoElement linter

9 days ago



data

Sort properties alphabetically

a month ago



lib

Merge pull request #634 from sawlins/pseudo-elements

7 days ago



spec

Merge pull request #634 from sawlins/pseudo-elements

7 days ago



.editorconfig

Clean up comment for .editorconfig

a year ago



.gitignore

Record coverage information during spec runs

5 months ago



.mailmap

Add .mailmap file

a year ago



.overcommit.yml

Enable ExecutePermissions pre-commit hook

3 months ago



.projections.json

Add .projections.json configuration file

11 months ago



.rspec

Colorize RSpec output by default

5 months ago



.rubocop.yml

Upgrade RuboCop 0.32.1 -> 0.33.0 for Travis

3 months ago



.simplecov

Record coverage information during spec runs

5 months ago



.travis.yml

Update the Rubies in .travis.yml

8 months ago



CHANGELOG.md

Update changelog

7 days ago



Gemfile

Upgrade RuboCop 0.34.1 -> 0.34.2 for Travis

2 months ago



MIT-LICENSE

Update Causes references to Brigade

8 months ago



README.md

Use SVG instead of PNG for code climate badge

7 days ago

Code

Issues 39

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Pulse

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Getting Started With SCSS-Lint

Hugo Giraudel



June 25, 2015

[Facebook](#)[Twitter](#)

Was this helpful?



As surprising as it might sound, writing working code is actually the easy part when developing a website, application or any piece of software. Making the whole thing scalable, tested, properly documented and easy to contribute to *is* the hard part.

One part is having a code base which is both clean and consistent. Clean, because maintaining ugly 'weird' code is definitely not a pleasure and consistent because it makes maintaining the code base easier and faster. If code looks the same everywhere in the software, then it should be quite fast to get used to the way it's written.

When it comes to Sass, there are a couple of things you can do to make your code clean and consistent. The first one would be to respect some coding guidelines, such as [CSS Guidelines](#) and [Sass Guidelines](#). The other thing is to *lint* your codebase.

If you are not familiar with the word *lint*, here is what Wikipedia says:



In computer programming, lint was the name originally given to a particular program that flagged some suspicious and non-portable



Recommended for you

- [The Final Nail in the Icon Fonts Coffin?](#)
- [Build a Media Player with HTML](#)
- [Eyetracking: How to Watch the Gap Between the Clicks \(and Why\)](#)
- [Getting To Know Stylus](#)
- [Testing a Sass Library](#)

MODERN SASS ARCHITECTURE

MAINTAINING VARIABLES

```

586 $thumbnail-border:          #ddd !default;
587 $thumbnail-border-radius:    $border-radius !default;
588
589
590 // Breadcrumbs
591
592 $breadcrumb-padding-vertical: .75rem !default;
593 $breadcrumb-padding-horizontal: 1rem !default;
594
595 $breadcrumb-bg:              $gray-lighter !default;
596 $breadcrumb-divider-color:   $gray-light !default;
597 $breadcrumb-active-color:    $gray-light !default;
598 $breadcrumb-divider:        "/" !default;
599
600
601 // Carousel
602
603 $carousel-text-shadow:       0 1px 2px rgba(0,0,0,.6) !default;
604
605 $carousel-control-color:     #fff !default;
606 $carousel-control-width:     15% !default;
607 $carousel-control-opacity:   .5 !default;
608 $carousel-control-font-size: 20px !default;
609
610 $carousel-indicator-active-bg: #fff !default;
611 $carousel-indicator-border-color: #fff !default;
612
613 $carousel-caption-color:     #fff !default;
614
615
616 // Close
617
618 $close-font-weight:          bold !default;
619 $close-color:                #000 !default;
620 $close-text-shadow:          0 1px 0 #fff !default;
621
622
623 // Code
624
625 $code-color:                 #bd4147 !default;
626 $code-bg:                   #f7f7f9 !default;
627
628 $kbd-color:                  #fff !default;
629 $kbd-bg:                     #333 !default;
630
631 $pre-bg:                     #f7f7f9 !default;
632 $pre-color:                  $gray-dark !default;
633 $pre-border-color:           #ccc !default;
634 $pre-scrollable-max-height: 340px !default;

```

634 LINES



VARIABLES



`_V-COLOURS.SCSS`



`_V-FONTS.SCSS`



`_V-SPACING.SCSS`



`_V-BORDERS.SCSS`



`_V-MEDIA-QUERIES.SCSS`

```
$red-border: #f01e1e;  
$orange-underline: #EE7600;  
  
.component {  
    background-color: $orange-underline;  
}
```



```
$red: #f01e1e;  
$dark-orange: #EE7600;  
  
.component {  
  background-color: $dark-orange;  
}
```

```
$red: #f01e1e;
```

```
$dark-orange: #EE7600;
```

```
$brand-color-1: $red;
```

```
$brand-color-2: $dark-orange;
```

FOLLOW CLASSES

```
.border {  
  border-top: 1px solid #f01e1e;  
}
```

```
$red: #f01e1e;
```

```
.border {  
  border-top: 1px solid $red;  
}
```

```
$red: #f01e1e;
```

```
$border__color--main: $red;
```

```
.border {  
  border-top: 1px solid $border__color--main;  
}
```

OVER THE TOP

DON'T BE CUTE

```
$text-sizing: (  
  mercury: (  
    large: (  
      font-size: 0.75rem, // 12px  
      line-height: 1.125rem // 18px  
    )  
  ),  
  venus: (  
    large: (  
      font-size: 0.9375rem, // 15px  
      line-height: 1.5rem // 24px  
    ),  
    medium: (  
      font-size: 0.875rem, // 14px  
      line-height: 1.3125rem // 21px  
    ),  
    fromAdaptiveToFluid: (  
      font-size: 0.875rem, // 14px  
      line-height: 1.3125rem // 21px  
    )  
  )  
)
```


MODERN SASS ARCHITECTURE

DOCUMENTATION



I ALWAYS SAY, KEEP A DIARY AND
SOMEDAY IT'LL KEEP YOU.

- MAE WEST

START WITH DOCUMENTATION



```
// ===== .classname =====  
  
// created by:    Stuart Robson ( stu@alwaystwisted.com )  
// creation data:  October 21, 2015  
  
// upadate by:    Stuart Robson ( stu@alwaystwisted.com )  
// update data:   November 05, 2015  
  
// 1. Your text  
  
// =====
```

WHAT IT DOES

WHY IT'S NEEDED

WHERE TO USE IT

```
// -----  
// note: Only use this on the home page.  
// -----
```

```
// todo: add support for IE7
```

README.MID



```
# Install SassDoc globally  
npm install sassdoc -g
```

```
# Run SassDoc on your project  
sassdoc source/
```

GET STARTED

TWEET IT

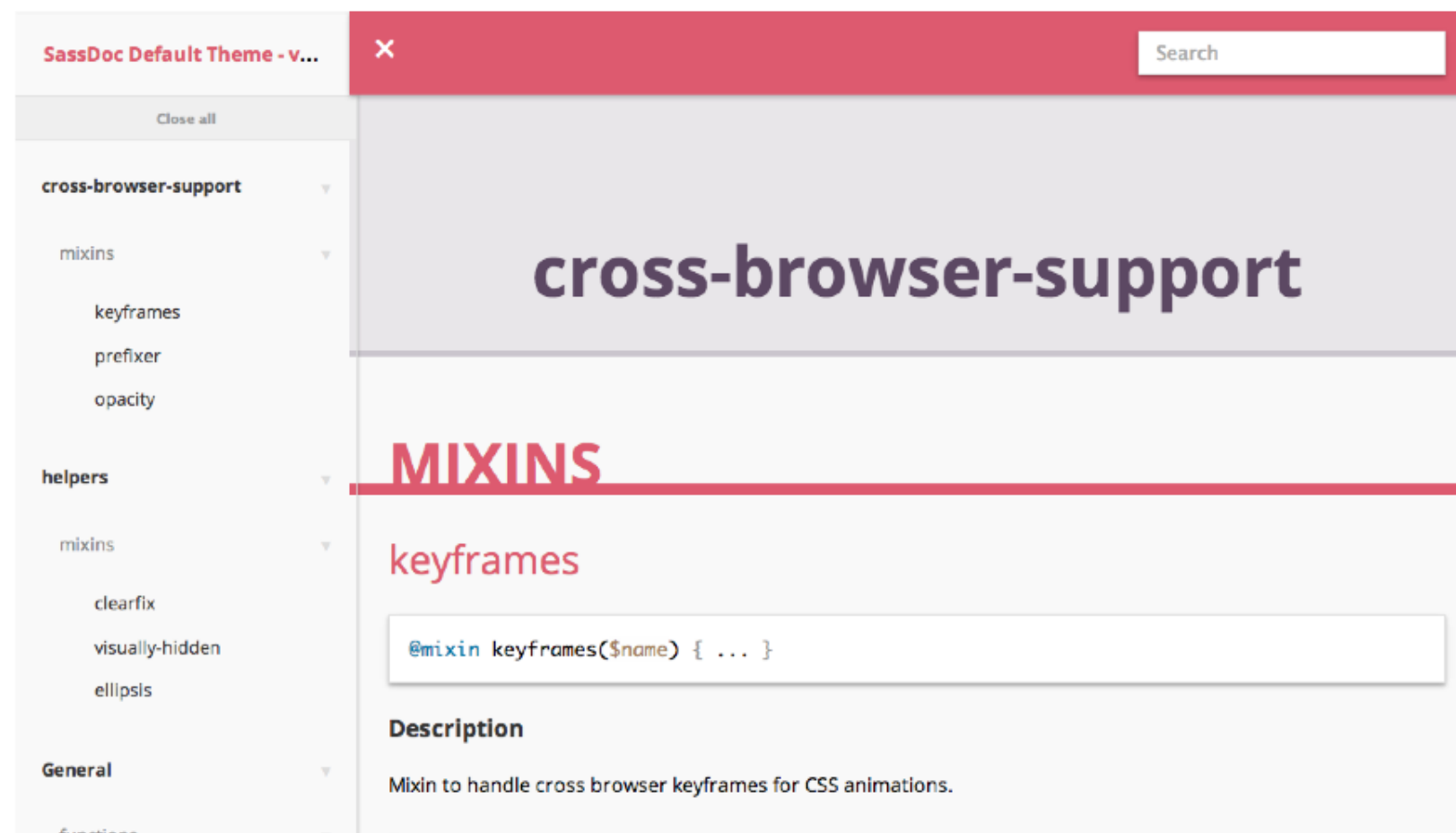
Already using SassDoc? **Upgrade to version 2** right away!

SassDoc is to Sass what JSDoc is to JavaScript: a documentation system to build pretty and powerful docs in the blink of an eye. Among other things, SassDoc is:

- usable out of the box;
- highly customisable;
- blazingly fast;
- fully themable;

HOW IT WORKS

SassDoc parses your source folder to grab **documentation-specific comments**. From there, it builds a **data tree**, that gets **enhanced and filtered** before being passed to the **view**. So you end up with a fully styled HTML document, like this:



SassDoc 2 – Shiny Streamy Octopus is Out!



Hugo Giraudel



February 05, 2015



+1



Facebook



Twitter

Was this helpful?



A few months ago, I announced the first draft of SassDoc, a documentation tool for Sass. What a long road it has come since then. A couple of days ago, we finally released the second major version of SassDoc, entitled *Shiny Streamy Octopus*. We have been working on version 2 for months and spent a few weeks in beta, letting talented people test our product only to discover it was good enough to be released. Yay!

There are two reasons behind this second version of SassDoc: the first one was to clean the code base. I wrote the first draft of SassDoc mid-2014, and we've been working on some code of mine until then. While the code was not bad in itself, it was certainly not very scalable so we needed a much more robust base for the future. Fortunately, [Valérian](#), [Fabrice](#) and [Pascal](#) are three very talented JavaScript developers who turned my old crappy code into [a magnificent beast](#).

The second reason to push SassDoc v2, and the most important one, is to set up a rock solid base for us to build new features. In that way, this version does not bring many new features. It mostly consists of refactoring the whole code base, fixing bugs, improving APIs, deprecating obsolete features and all that crap that you can only do on major releases because of API breaks.

Recommended for you

- [Sass Theming: The Neverending Story](#)
- [Using Sphinx for PHP Project Documentation](#)
- [Meet Elixir, the Laravel Way of Compiling Assets](#)
- [Bootstrap Sass Installation and Customization](#)
- [Testing a Sass Function in 5 Minutes](#)

CODE FOR MAINTAINABILITY
SO THE NEXT DEVELOPER DOESN'T HATE YOU

MODERN SASS ARCHITECTURE

WHEN NOT TO USE SASS

```
.component {  
  background-color: #3C3C3C;  
  background-image: -webkit-gradient(linear, left top, right top, from(#3C3C3C), to(#999999));  
  background-image: -webkit-linear-gradient(left, #3C3C3C, #999999);  
  background-image: linear-gradient(left, #3C3C3C, #999999);  
  filter: progid:DXImageTransform.Microsoft.gradient(startColorStr='#3C3C3C', endColorStr='#999999', gradientType='1');  
}
```

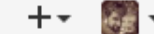
```
@mixin background-horizontal($startColor: #3C3C3C, $endColor: #999999) {
  background-color: $startColor;
  background-image: -webkit-gradient(linear, left top, right top, from($startColor), to($endColor));
  background-image: -webkit-linear-gradient(left, $startColor, $endColor);
  background-image: -moz-linear-gradient(left, $startColor, $endColor);
  background-image: -ms-linear-gradient(left, $startColor, $endColor);
  background-image: -o-linear-gradient(left, $startColor, $endColor);
  background-image: linear-gradient(left, $startColor, $endColor);
  filter: progid:DXImageTransform.Microsoft.gradient(startColorStr='#{ $startColor }', endColorStr='#{ $endColor }', gradientType='1');
}
```

```
.component {  
  @include background-horizontal;  
}
```



This repository Search

Pull requests Issues Gist



postcss / autoprefixer

Watch 257

Star 8,027

Fork 403

Parse CSS and add vendor prefixes to rules by Can I Use <https://twitter.com/autoprefixer>

1,599 commits

2 branches

47 releases

86 contributors



Branch: master

autoprefixer / +



al Release 6.1 version

Latest commit 14c2a14 14 days ago



data

Remove outdated mark

14 days ago



lib

Fix prefixer check

14 days ago



test

Remove outdated transition

18 days ago



.editorconfig

Add .editorconf

3 months ago



.eslintrc

Update dependencies

3 months ago



.gitignore

Add standalone build task to Gulp

a year ago



.npmignore

Add standalone build task to Gulp

a year ago



.travis.yml

Fix node.js order in Travis CI

17 days ago



CHANGELOG.md

Release 6.1 version

14 days ago



LICENSE

Change license to MIT

2 years ago



README.md

Update README.md

29 days ago



gulpfile.js

Update dependencies

3 months ago



index.js

Allow to use latest Autoprefixer from git

a year ago



logo.svg

Compress logo by SVGO

7 months ago



package.json

Release 6.1 version

14 days ago



test.js

Remove outdated transition

18 days ago

README.md

Code

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Pull requests 0

Wiki

Pulse

Graphs

SSH clone URL

git@github.com:pi

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

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```
.component {  
  font-size: 16px;  
  font-size: 1rem;  
}
```

The Ultimate PX/REM Mixin

March 18, 2013 (~5 mins)

About REM

Everybody loves relative units. They are handy and help us solve daily problems. However the most used one (em) presents some issues, especially when it comes to nesting.

As an example, setting both `p` and `li` tags font-size to `1.2em` may seem fine. But if you ever happen to have a paragraph inside a list item, it would result in a font-size 1.44 times ($1.2 * 1.2$) bigger than parent font-size, and not 1.2 as wished.

To avoid this, a new unit has been created: `rem`. It stands for *root em*. Basically, instead of being relative to the font-size of its direct parent, it's relative to the font-size defined for the `html` element.

You may have already seen something like this in frameworks, demo, blog posts and such:

```
html {
```


IS THAT CODE **NEEDED**

MODERN SASS ARCHITECTURE

- > FOLDER AND FILE STRUCTURE
 - > NAMING CONVENTIONS
- > COMPOSING DECLARATIONS
 - > MAINTAINING VARIABLES
 - > DOCUMENTATION
- > WHEN NOT TO USE SASS

CODE FOR MAINTAINABILITY
SO THE NEXT DEVELOPER DOESN'T HATE YOU

THANKS

@STUROBSON

WWW.ALWAYSTWISTED.COM

