

● web101

Web Design for Everyone

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Beyond The Basics

Frameworks, Grid Systems, & Sass

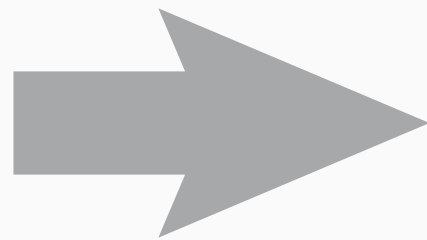
Sass

an Introduction

What is Sass?

Syntactically Awesome Stylesheets

Sass



CSS

.sass vs .scss

Installing Sass

<http://sass-lang.com/install>

Cmd Line

```
gem install sass
```

if there's an error:

```
sudo gem install sass
```

watch files for changes

```
sass --watch  
super.scss:plain.css
```

Applications




Codekit (paid)

<https://incident57.com/codekit/>

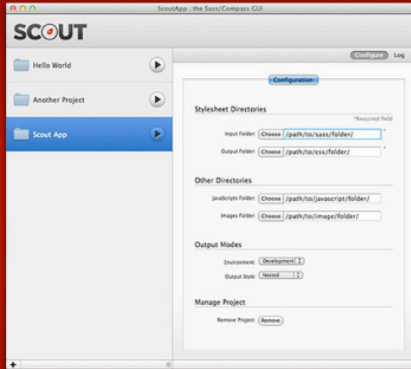


Scout (open source)

<http://mhs.github.io/scout-app/>




Compass and Sass without all the hass(le)



The image shows the Scout application interface, which is a web-based tool for managing CSS workflows. It features a sidebar with project navigation and a main panel with configuration options for stylesheets, directories, and output modes.

Scout is a cross-platform app that delivers the power of Sass & Compass into the hands of web designers.



A small, stylized character wearing a hat and a backpack, pointing towards the Scout application interface.

Scout helps make your CSS workflow a snap by delivering more control, optimization, and organization. *No developer required.*

Variables

The Gateway Drug to Sass

```
$body-color: #0c9;  
$serif: Georgia, serif;
```

```
p {  
  color: $body-color;  
  font-family: $serif;  
  font-size: 1em;  
}
```

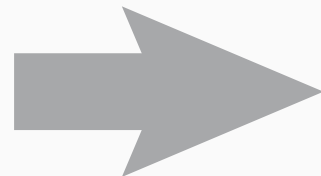


Importing

```
@import 'reset';  
@import 'variables';  
@import 'mixins';
```

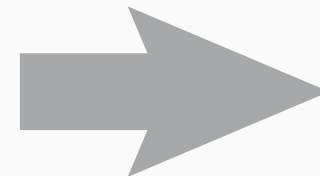
Partials

_reset.scss
_variables.scss
_mixins.scss



Final SCSS

main.scss



CSS

main.css

Mixins

Reusable Blocks of CSS

```
@mixin transition($property, $time){  
  -webkit-transition: $property $time;  
  transition: $property $time;  
}  
  
a {  
  @include transition(color, .2s);  
}  
  
.button {  
  @include transition(background, .2s);  
}
```



Extend

```
.button {  
  padding: 10px 20px;  
  font-size: 1.2em;  
  text-align: center;  
  background: $brand-color  
}  
  
.disable {  
  @extend .button;  
  background: #ccc;  
}
```

Nesting

```
li {  
  padding: 0 25px;  
  a {  
    text-decoration: none;  
    &:hover {  
      color: lighten($brand-color, 20%)  
    }  
  }  
}
```



Commenting

```
// This is a single line comment.  
// It will not show up in your CSS output.  
  
// It can hold your personal notes.  
// I sing Taylor Swift when my wife is away.  
  
// But more likely holds reminders about your code.  
  
/* Standard CSS comments still show up */  
  
/* -----  
   You won't be able to miss me in your CSS  
   ----- */
```

Resources

Sass Guide

sass-lang.com/guide

Sass for Web Designers *by Dan Cederholm*

abookapart.com/products/sass-for-web-designers

The Sass Way

thesassway.com

Thank You!



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