

# Compass/SASS

Getting Started with the Awesome



*[github.com/madole](https://github.com/madole)*

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# Do I have ruby installed?

- `$ ruby -v`

if you dont get a version number back, ruby is not installed

- <https://www.ruby-lang.org/en/installation/>

# Install the compass gem

Set up ruby environment

- \$ gem update --system
- \$ gem install compass

<http://compass-style.org/install/>

# Setting up a new compass project

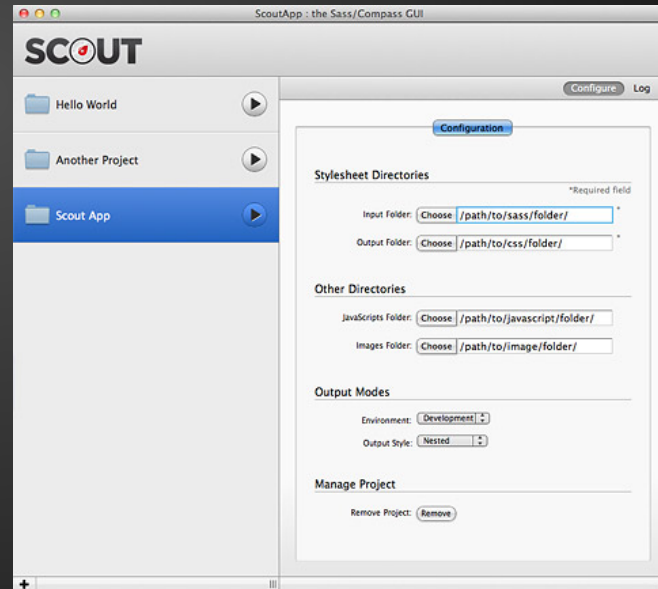
- `$ compass create myProject`

Sets up a new project with a compass  
boilerplate skeleton

# SCOUT - Compass Compiler

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

Compass and Sass  
without the hass(le)



# Twitter Bootstrap SASS Port

<https://github.com/twbs/bootstrap-sass>

The screenshot shows the GitHub repository page for `twbs / bootstrap-sass`. The repository is public and has 436 watches, 6,933 stars, and 1,396 forks. It is the official SASS port of Bootstrap, with a link to <http://getbootstrap.com/css/#sass>. The repository has 769 commits, 5 branches, 47 releases, and 82 contributors. The current branch is `master`. The file list includes `assets`, `lib`, `tasks`, `templates`, `test`, `.gitignore`, `.travis.yml`, `CHANGELOG.md`, `CONTRIBUTING.md`, `Coffee`, and `LICENSE`. The right sidebar shows the `Code` tab selected, with options for `Issues`, `Pull Requests`, `Pulse`, `Graphs`, and `Network`. The `HTTPS clone URL` is <https://github.com>, and there are buttons for `Clone in Desktop` and `Download ZIP`.

twbs / bootstrap-sass

Official Sass port of Bootstrap <http://getbootstrap.com/css/#sass>

769 commits 5 branches 47 releases 82 contributors

branch: master bootstrap-sass / +

better comment for \$bootstrap-sass-asset-helper

glebm authored 12 hours ago latest commit d5625c9871

assets	better comment for \$bootstrap-sass-asset-helper	12 hours ago
lib	rake convert	13 days ago
tasks	better comment for \$bootstrap-sass-asset-helper	12 hours ago
templates	Fix compass manifest	19 days ago
test	Fix compass manifest	19 days ago
.gitignore	.gitignore	26 days ago
.travis.yml	travis	a month ago
CHANGELOG.md	Update CHANGELOG.md	16 days ago
CONTRIBUTING.md	Switch remaining documentation links to twbs	6 months ago
Coffee	pure scss asset helpers, new paths	19 days ago
LICENSE	Update license to match upstream	7 months ago
README.md	Fixes foot-cath-fall-back to relative to main Sass	19 hours ago

Code

Issues 13

Pull Requests 0

Pulse

Graphs

Network

HTTPS clone URL

<https://github.com>

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop

Download ZIP

# Adding bootstrap to your project

- copy bootstrap-sass into your vendor folder
- make a SASS folder in your assets directory
- copy bootstrap.scss to \_bootstrap.scss in your assets folder
- update all the links to point to your vendor folder

eg.

```
@import "bootstrap/variables"; →
```

```
@import "../vendor/bootstrap-sass-official/assets/stylesheets/bootstrap/variables";
```

- comment out unneeded bootstrap libraries

# Import bootstrap to your style.scss

- Do imports at the top of your style.scss file.

```
@import "compass";  
@import "bootstrap";
```



# Scout watching

Set up scout to point to your SASS source and CSS destination folder.

Make a change in your style.scss, watch scout compile it to CSS in your destination folder

Any compilation errors are reported in Scout's console window

# Compass Watch

Set up your config.rb file and point to your sass source and css destination directories

(<http://compass-style.org/help/tutorials/configuration-reference/>)

- \$ cd /directory-with-config.rb
- \$ compass watch

Make changes in your style.scss file and watch it compile to your CSS file just like Scout

# Gulp-Compass

- \$ npm install gulp-compass

There are many ways to add your gulp task explained on the gulp-compass npm page

<https://www.npmjs.org/package/gulp-compass>

# Simple gulp task

- Requires the config.rb file

```
var compass = require('gulp-compass');

gulp.task('compass', function() {
  gulp.src('./src/*.scss')
    .pipe(compass({
      config_file: './config.rb',
      css: 'stylesheets',
      sass: 'sass'
    }))
    .pipe(gulp.dest('app/assets/temp'));
});
```

# Using Compass & Sass

Some useful features of sass

- `@extend` - allows you to share css properties from one selector to another

```
.textContainer {  
    @extend .container  
}
```

# Using Compass & Sass

- @mixin - allows you to define mixins to use later, helps to reduce duplicated code

```
@mixin border-radius($radius) {  
    -webkit-border-radius: $radius;  
    -moz-border-radius:    $radius;  
    -ms-border-radius:     $radius;  
    -border-radius:        $radius;  
}
```

# Using Compass & Sass

- `@include` - allows you to use your pre-defined mixin

```
.box { @include border-radius(10px); }
```

# Compass Mixins

Compass provides a library of mixins ready for you to use.

Check out the following link for a list of these and have some fun with them!

<http://compass-style.org/index/mixins/>