

HAML

Markup Haiku

<http://blog.teambox.com/haml-and-sass>

*Hoy no me alegran
los almendros del huerto
son tu recuerdo*

Jorge Luis Borges

HAML



SASS

HTML/ERB

```
<div class="section">
  <h3>We like...</h3>
  <ul>
    <li><b>Attitude</b>!</li>
    <li><b>Bleeding edge tech</b>!</li>
    <li><b>Involvement</b>!</li>
  </ul>
</div>
```

HAML

```
.section
  %h3
    We like...
  %ul
    %li <b>Attitude</b>!
    %li <b>Bleeding edge tech</b>!
    %li <b>Involvement</b>!
```

Indentation implies structure
Brief and concise means less errors
Generates HTML and CSS

HTML/ERB

```
<h1>Screencasts</h1>
<p>Damn good learning pills.</p>

<% @count = Casts.count %>

<div class="section">
  <p>We have <%= @count %> videos</p>
</div>

<span class="featured" id="cast_11">
  <p style="float:right">
    <%= link_to "View all", casts_path %>
  </p>

  <ul>
    <% for cast in Cast.all %>
      <li><%= cast.name %></li>
    <% end %>
  </ul>
```

HAML

```
%h1 Screencasts
%p Damn good learning pills.

- @count = Casts.count

.section
  %p We have
    = @count
    videos

%span.featured#cast_11
  %p{ :style => "float:right" }
    = link_to "View all", casts_path

%ul
  - for cast in Cast.all
    %li= cast.name
```



HAML as your first kiss

```
gem install haml  
  
rails my_haml  
cd my_haml  
rm public/index.html  
.script/generate scaffold cast name:string description:text  
rake db:migrate  
  
# Añadir una ruta por defecto en routes.rb  
map.root :controller => "casts"  
  
# Añadir a environment.rb:  
config.gem "haml"  
  
.script/server
```

HAML

Use Soft Tabs for TextMate
Get HAML and SASS bundles.

app/views/casts/index.html.erb -> index.haml

%p Yo también sé escribir como Borges!

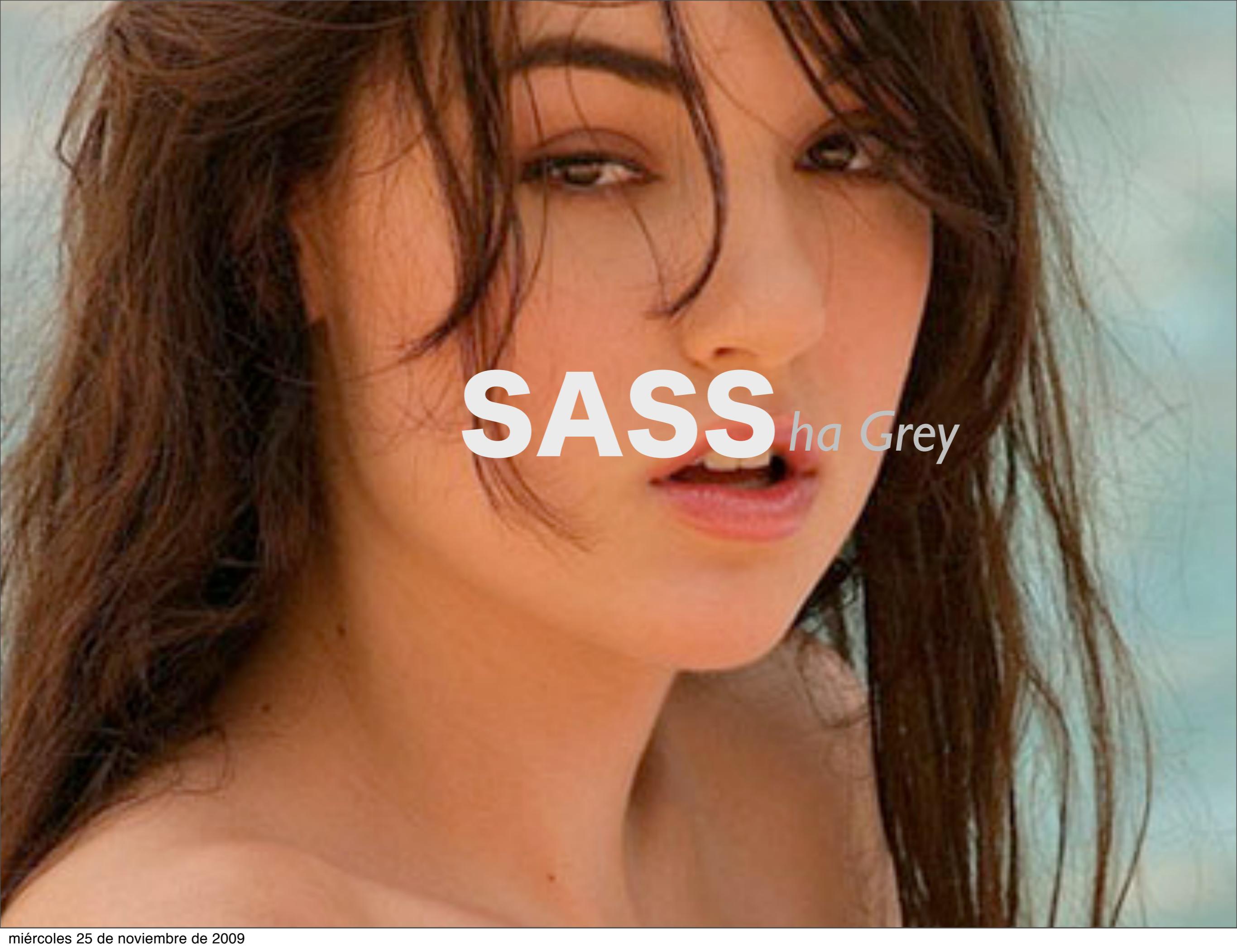


Let's dance

```
git://github.com/michokest/HAML-demo.git  
git checkout 3246ab7a36046ad3652ce2fcbd82be0ad378a5ff
```

app/views/casts/index.html.erb -> index.haml

Read HAML-demo repository history to see a step-by-step conversion from ERB to HAML

A close-up photograph of a woman's face. She has dark brown hair with bangs and is looking slightly to the right of the camera. Her eyes are brown and she has a neutral expression. Her mouth is slightly open, showing her teeth. The background is a soft, out-of-focus blue.

SASS *ha* Grey

CSS

```
.index_projects .activity {  
    clear: both;  
    color: rgb(0,0,0); }  
.index_projects .activity .activity_icon {  
    display: none; }  
.index_projects .activity span {  
    color: rgb(0,0,0); }  
.index_projects .activity .clear {  
    border-bottom: solid 1px rgb(0,0,0);  
    border-left: solid 1px rgb(50,50,50);  
    margin: 0px; }
```

SASS

```
.activity  
  :clear both  
  :color rgb(0,0,0)  
.activity_icon  
  :display none  
span  
  :color rgb(0,0,0)  
.clear  
  :border  
    :bottom solid 1px rgb(0,0,0)  
    :left solid 1px rgb(50,50,50)
```

Best Practices for HAML and SASS



```
git clone git://github.com/michokest/Teambox-2.git
```

```
rake gems:install  
rake db:create  
rake db:auto:migrate
```

```
config/teambox.yml  
config/environment.rb
```

```
./script/server  
http://localhost
```

Header

application.haml

```
!!! Strict
%html{ :xmlns => "http://www.w3.org/1999/xhtml", 'xml:lang'=>"en", :lang=>"en" }
%head
  %meta{ 'http-equiv' => "content-type", :content => "text/html; charset=utf-8" }
  %link{ :rel => "shortcut icon", :href => "/images/favicon.ico" }
%title
  Teambox
  =@page_title
  = stylesheet_link_tag 'application', :media => "all"
  = sprockets_include_tag
  - javascript_tag do
    = yield :js_templates
```

Classes for %body

application.haml

```
%body{ :class => "#{location_name} #{I18n.locale} #{ENV['RAILS_ENV']}
```

```
location_name = "#{params[:action]}_#{params[:controller]}
```

```
.index_conversations, .show_conversations, .show_tasks
```

*Adding classes to body will make it easy
to style action specific elements*

Best Practices for HAML and SASS

```
%body{ :class => "#{location_name} #{I18n.locale} #{ENV['RAILS_ENV']}"}  
  .container  
    = header  
    = global_navigation  
    = hot_flashes(flash)  
    = navigation(@current_project,@recent_projects)  
  .wrapper  
    - unless location_name?(['welcome_users','new_projects','show_users'])  
      = project_navigation(@current_project)  
    - if @content_for_banner  
      .banner  
        = yield :banner  
  %div{ :class => @content_for_column.nil? ? 'content_wrap_single' : '  
    .content#content  
      = yield  
    - if @content_for_column  
      .column_wrap  
        .column#column  
          = yield :column  
          = profile_completeness  
        .clear  
      = footer  
  = javascripts
```

Classes and SASS

application.sass

```
e:compact  
@import default.sass  
@import header.sass  
@import navigation.sass  
@import wrapper.sass  
@import footer.sass  
@import forms.sass  
@import flash_box.sass  
@import primers.sass  
@import welcome.sass  
  
@import projects.sass  
@import activities.sass  
@import comments.sass  
@import conversations.sass  
@import tasks.sass
```

projects.sass

```
.new_projects, .create_projects  
.content  
h2  
    :font-size 22px  
    :margin 10px  
    :right 0px  
    :padding  
    :bottom 5px  
    :border-bottom solid 2px rgb(240,240,240)  
.column  
    :-moz-border-radius  
    :topright 5px  
    :-webkit-border-top-right-radius 5px  
    :font-size 12px  
p  
    :margin 0 0 5px 0  
ul  
    :padding-left 20px  
    :margin-top 5px  
li  
    :margin-bottom 3px
```

Helpers

_comment.haml

```
.comment{:id => "comment_#{comment.id}" }
  .info
    = thumb_avatar(comment.user)
  .block
    .date
      = posted_date comment.created_at
```

avatars_helper.rb

```
module AvatarsHelper
  def thumb_avatar(user, round_corners = true)
    render :partial => 'avatars/thumb_avatar',
      :locals => { :user => user, :round_corners => round_corners }
  end
end
```

Smart translations

projects/_primer.haml

```
#primer
%p= t('.empty')
.box
%h2= link_to t('.create_first')
%p= t '.define1'
%p= t '.define2'
%ol
%li= t '.item1'
%li= t '.item2'
%li= t '.item3'
%li= t '.item4'
%li= t '.item5'
%p= t '.footer'
```

config/en.yml

```
projects:
  primer:
    empty: Aún no perteneces a ningún grupo
    create_first: Crea tu primer proyecto
    define1: "<b>Colabora</b> con otros"
    define2: "Puedes crear <b>tantos proyectos</b>"
    item1: "<b>Crea un proyecto</b> para tu grupo"
    item2: "<b>Comenta</b> sobre los proyectos de tus amigos"
    item3: "<b>Conversa</b> sobre los proyectos que te interesan"
    item4: "<b>Planifica</b> lo que vas a hacer en el próximo año"
    item5: "<b>Comparte información</b> con tus amigos"
    footer: "Los proyectos son una forma de conectar a las personas que comparten intereses similares"
```

Convert step by step

ERB and HAML can coexist peacefully

You can insert HTML into HAML

Best Practices

*Partials and helpers are reusable
(We're not PHP)*

One SASS file for each model

“Everything Else”

```
%p  
:textilize  
    También puedo escribir con *estilo*.  
  
!main_width = 500px  
!column_width = 200px  
!total_width = !main_width + !column_width  
  
!base_color = blue  
!light = #555  
  
#wrapper  
width = !total_width  
color = !base_color + !light
```

```
= shaded_border  
:border  
:right solid 1px #333  
:bottom solid 1px #222  
  
.comment  
+ shaded_border
```

Heroku

Needs a plugin to work with SASS

Designers

*Programmers learn new stuff everyday.
So train your designers or get a proper one.*

*Art can be about something that visually works.
Design is about delivering usable products.*





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