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Haml & Sass in 15 minutes

What are Haml and Sass?

- **Template languages**
- **Haml generates .html**
- **Sass generates .css**
- **You can use one or both**

**Do I have to learn another
markup language?**

Yes, you do. Get over it.

“Haml is poetry.”

Max Muermann

The principles of Haml...

- **Markup should be beautiful**
- **Markup should be DRY**
- **Markup should be indented**
- **Structure should be clear**

The Basics

- **White space active**
- **Indentation = structure**
- **Tags begin with %**
- **Tags close themselves**
- **Use hashes for attributes**

```
<h1>Haml is cool</h1>
```

%h1 Haml is cool

<h1>Haml is cool, Lisa</h1>

**<h1>Haml is cool,
<%= @name %></h1>**

```
%h1 = "Haml is cool, #{@name}"
```

```
<div id="color">Red</h1>
```

%div#color Red

#color Red

Loops

```
<ul id="friends">  
  <% @friends.each do |friend| %>  
    <li><%= friend.name %></li>  
  <% end %>  
</ul>
```

```
%ul#friends
```

```
- @friends.each do |friend|
```

```
  %li= friend.name
```

```
<ul id="friends">  
  <li>Ted</li>  
  <li>Erin</li>  
  <li>Gerry</li>  
</ul>
```

Attributes

```
ul#friends
```

```
- @friends.each do |friend|  
  %li= friend.name
```

```
ul{:id => "friends", :class => "list"}  
- @friends.each do |friend|  
  %li= friend.name
```

```
<ul id="friends" class="list">  
  <li>Ted</li>  
  <li>Erin</li>  
  <li>Gerry</li>  
</ul>
```

Forms

```
<% if logged_in? -%>
```

```
  <% form_for :comment, :url => blog_comments_path(@post) do |f| %>
```

```
    <label for="comment_comment">Post a comment:</label>
```

```
    <%= f.text_area :comment, :rows => 14, :cols => 40 %>
```

```
    <%= submit_tag "Add comment" %>
```

```
  <% end -%>
```

```
<% else -%>
```

```
  <%= link_to "Login", :action => "login" %>
```

```
<% end -%>
```

```
if logged_in?  
  - form_for :comment, :url => blog_comments_path(@post) do |f|  
  
    %label{:for => "comment_comment"} Post a comment:  
    = f.text_area :comment, :rows => 14, :cols => 40  
    = submit_tag "Add comment"  
  
  - else  
    = link_to "Login", :action => "login"
```

Layouts

```
<head><!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<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" />
<%= title :site => "Graffletopia", :separator => "-" %>
<%= stylesheets %>
<%= javascript_include_tag :defaults %>
</head>
<body>

<% if logged_in? %>
<p>You are logged in.</p>
<% end %>

<% if flash[:notice] != nil -%>
<p><%= flash[:notice] %></p>
<% end -%>

<%= yield %>

</body>
</html>
```

```
!!! Strict
%html{html_attrs}
  %head
    = title :site => "Graffletopia", :separator => "-"
    %meta{:http-equiv => "Content-type", :content => "text/html; charset=UTF-8"}
    = stylesheets
    = javascript_include_tag :defaults
  %body
    - if logged_in?
      %p You are logged in.
    - if flash[:notice] != nil
      %p= flash[:notice]
    = yield
```

Sass

Basic syntax

```
#box {  
  border: 0;  
  color: black;  
}
```

#box

border: 0

color: black

#box

:border 0

:color black

Nesting

#box

:border 0

:color black

.orange

:border 1px orange

```
#box {  
  border: 0;  
  color: black;  
}
```

```
#box .orange {  
  border: 1px orange;  
}
```

Variables

!pink = #f3f

#box

:border 0

:color black

.pink

:border = !pink

```
#box {  
  border: 0;  
  color: black;  
}
```

```
#box .pink {  
  color: #f3f;  
}
```

Comments

/* Homepage box

#box

:border 0

:color black

Now go play!

script/plugin install

<http://svn.hamptoncatlin.com/haml/tags/stable>

Helpful hints

- **Grab the TextMate bundles**
- **Start a template at a time**
- **Use `.haml` or `.html.haml`**
- **Use `.sass`**
- **Screw up? Check whitespace**
- **Move logic to helpers**

Have fun!

The End

