



Hey, it's HAML!

Markup should be beautiful.

The Plan

- Introduction & Basics
- Converting ERB to HAML
- Summary & Resources
- Q & A

Introduction & Basics

What is HAML?

- Templating engine
- Easier than HTML (ERB)
- Eliminates redundancy
- Reflects underlying structure

Core principles

- Markup should be beautiful
- Markup should be DRY
- Markup should be well-indented
- XHTML structure should be clear

Using HAML

```
$ gem install merb-more
```

```
use_template_engine :haml
```

config/init.rb

```
dependency 'merb-haml'
```

config/dependencies.rb

```
template_name.html.haml
```

app/views/...

Basics

```
%tagname{:attr => 'value'} Contents
```

```
%tagname#id.class
```

```
#foo Hello
```

```
<div id='foo'>Hello</div>
```

```
.bar World!
```

```
<div class='bar'>World!</div>
```

Indentation

```
%ul
  %li Salt
  %li Pepper
```

```
<ul>
  <li>Salt</li>
  <li>Pepper</li>
</ul>
```


More indentation

```
%p  
  Hello,  
  World!
```

```
<p>Hello, World!</p>
```

```
Haml::Template::options[:ugly] = true
```

config/init.rb

Embedded Ruby

%p

Date/Time:

- now = DateTime.now

%b

- if now > DateTime.parse('December 31, 2008')
= "Happy New Year!"

- else
= now.to_s

<p>Date/Time:2008-11-27T19:06:28-05:00</p>

<p>Date/Time:Happy New Year!</p>

The Finer Points

%, {} and /

The forward slash character, when placed at the end of a tag definition, causes the tag to be self-closed.

```
%bar/
```

```
<bar/>
```

```
%head{:name => "doc_head"}  
  %script{:type => "text/" + "javascript", |  
    :src => "javascripts/script_#{2 + 7}" } |
```

```
<head name='doc_head'>  
  <script src='/docs/rdoc/javascripts/script_9' type='text/javascript'>  
  </script>  
</head>
```

`}` contents

A Ruby method call that returns a hash can be substituted for the hash contents.

```
def hash1
  { :bread => 'white', :filling => 'peanut butter and jelly' }
end

def hash2
  { :bread => 'whole wheat' }
end
```

```
%sandwich{hash1, hash2, :delicious => true}/
```

```
<sandwich bread='whole wheat' delicious='true' filling='peanut butter and jelly' />
```

[]

```
# file: app/controllers/users.rb
def show
  @user = User.get(15)
end

-# file: app/views/users/show.html.haml
%div[@user, :greeting]
  %bar[20]/
  Hello!
```

```
<div class='greeting_user' id='greeting_user_15'>
  <bar class='fixnum' id='fixnum_20' />
  Hello!
</div>
```

=, ==, and ~

```
%p= "Hello"
```

```
<p>Hello</p>
```

```
%p== Hello, #{“Merb”}!
```

```
<p>Hello, Merb!</p>
```

```
~ "Foo\n<pre>Bar\nBaz</pre>"
```

```
Foo
```

```
<pre>Bar&#x000A;Baz</pre>
```



When describing XHTML documents with Haml, you can have a document type or XML prolog generated automatically by including the characters !!!.

```
!!! Strict
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://  
www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
!!! XML iso-8859-1
```

```
<?xml version='1.0' encoding='iso-8859-1' ?>
```


/ revisited

```
%peanutbutterjelly
  / This is the peanutbutterjelly element
  I like sandwiches!
```

```
<peanutbutterjelly>
  <!-- This is the peanutbutterjelly element -->
  I like sandwiches!
</peanutbutterjelly>
```

```
/
  %p This doesn't render...
  %div
    %h1 Because it's commented out!
```

```
<!--
  <p>This doesn't render...</p>
  <div>
    <h1>Because it's commented out!</h1>
  </div>
-->
```

Summary & Resources

Resources

[#haml](#)

Haml is sweeping the rails world like a wildfire of chicken, and everyone wants the ... **Haml** is based on one primary principal. Markup should be beautiful. ...

[haml.hamtoncatlin.com/](#) - 5k - [Cached](#) - [Similar pages](#) - 

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[2.0 has been released](#)

[Development](#)

[Module: Haml](#)

Haml is a markup language that's used to cleanly and simply describe the XHTML of any web document, without the use of inline code. ...

[haml.hamtoncatlin.com/docs/haml](#) - 51k - [Cached](#) - [Similar pages](#) - 

[Haml - Wikipedia, the free encyclopedia](#)

Oct 18, 2008 ... **Haml** (XHTML Abstraction Markup Language) is a markup language that is used to cleanly and simply describe the XHTML of any web document ...

[en.wikipedia.org/wiki/Haml](#) - 31k - [Cached](#) - [Similar pages](#) - 



<http://github.com/schulity/merbday>

slides and code

<http://bit.ly/haml>

scribd slideshow

Q & A