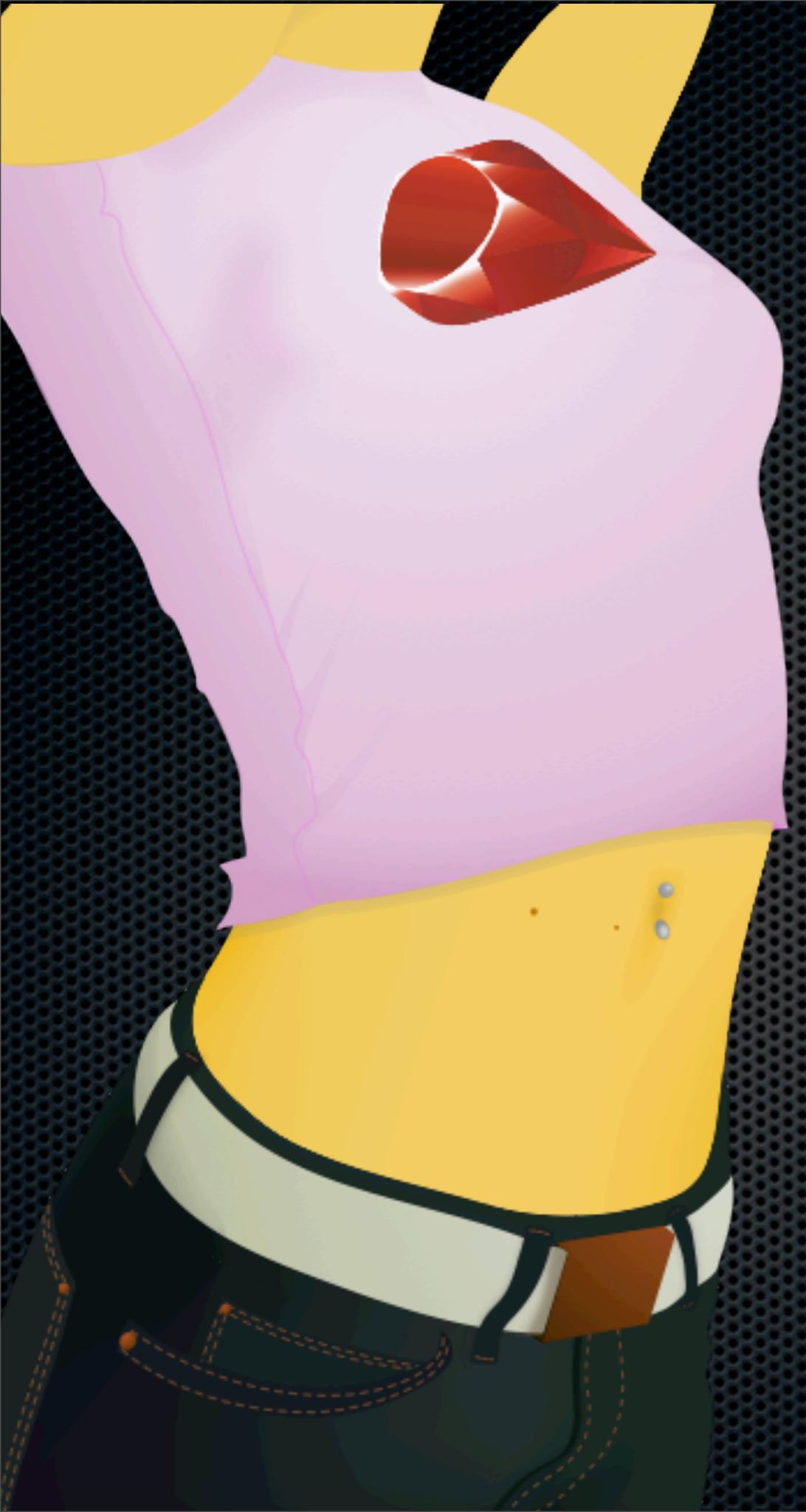


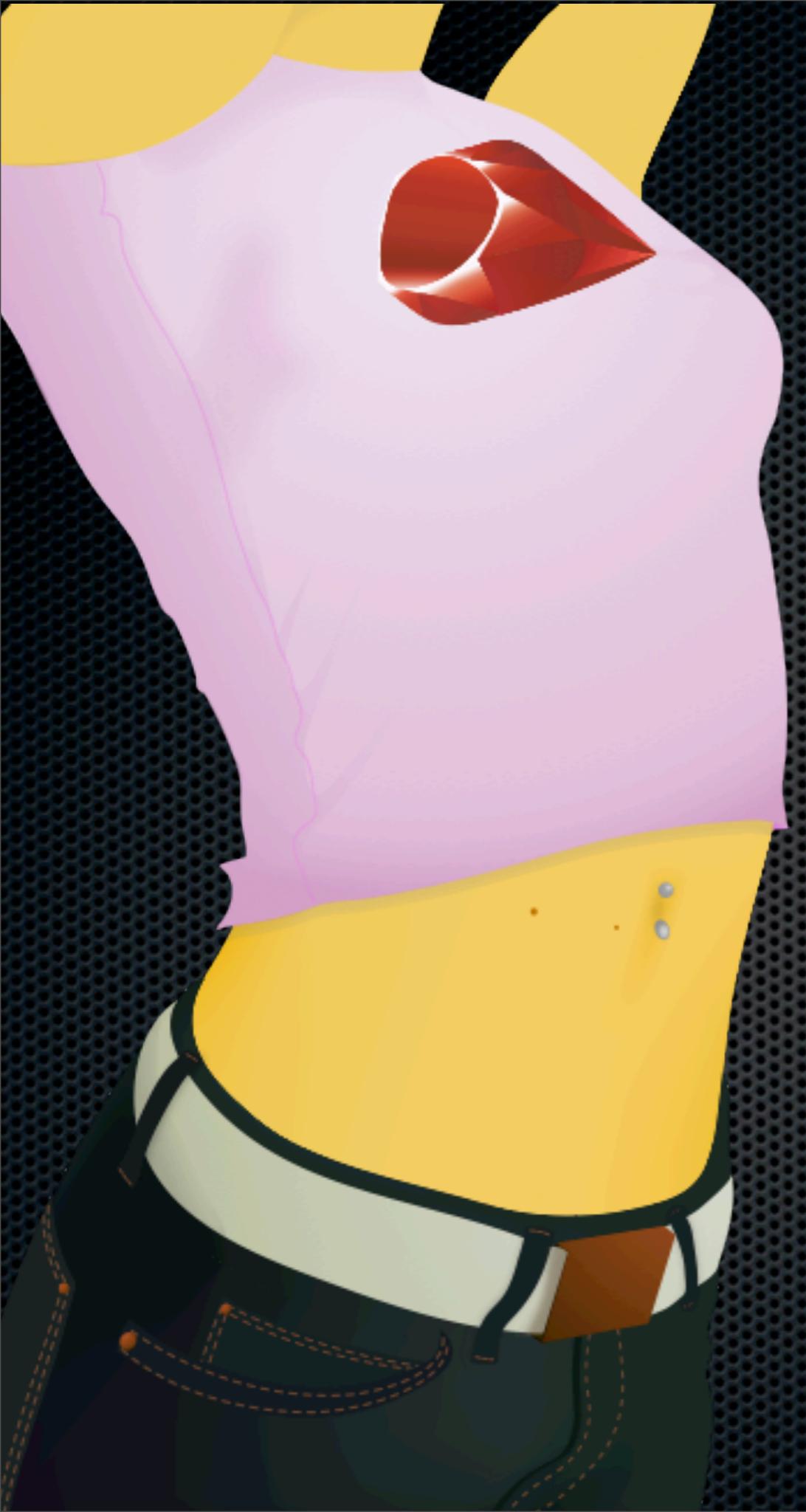
Front End on Rails

A series of tips, tricks and a little magic

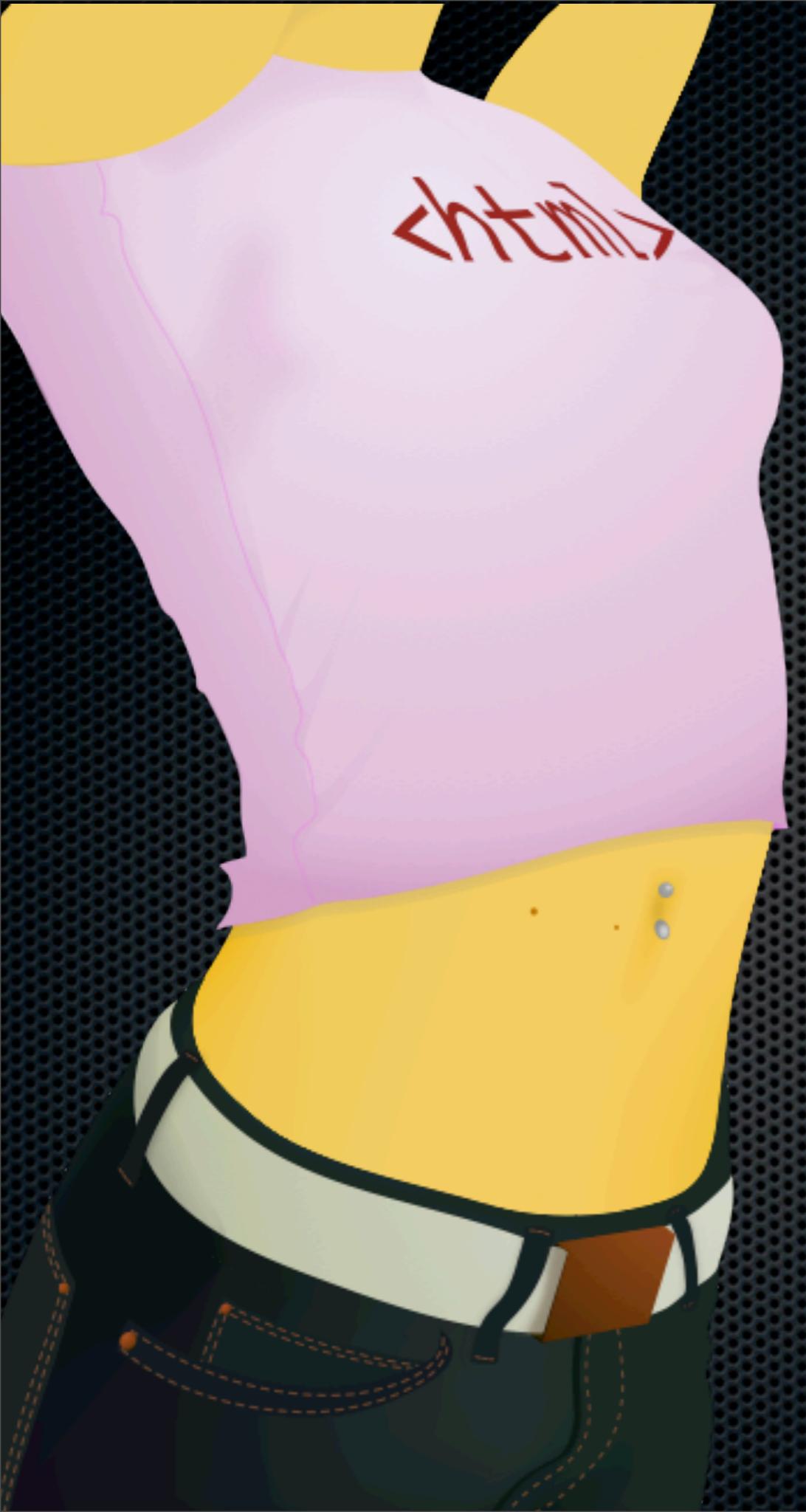
by Justin Halsall



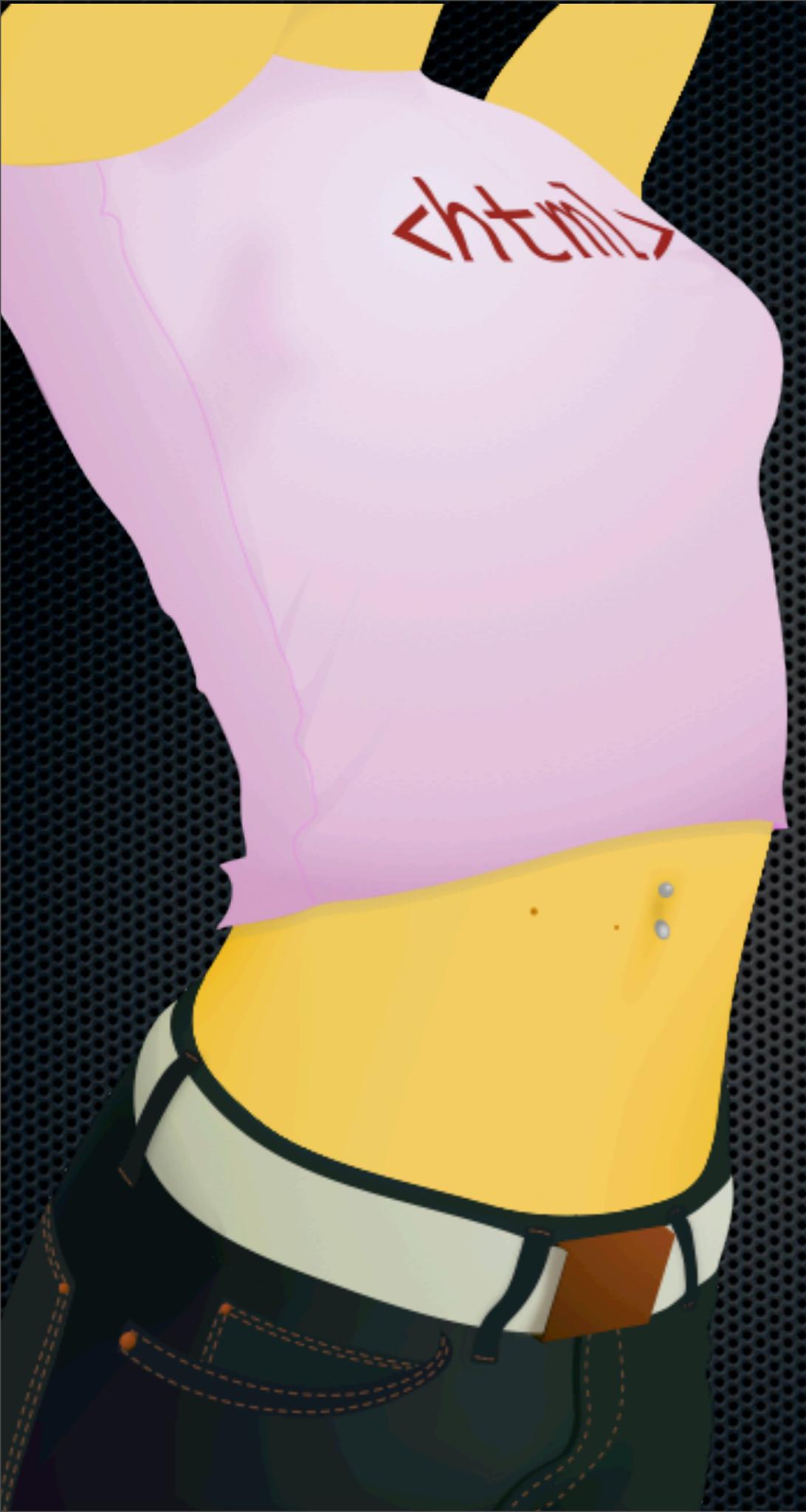
Rails is sexy!



Rails is sexy!
If you know your stuff

A stylized illustration of a woman's lower body and back. She is wearing a pink top with a white outline and yellow pants with a white belt. The word "HTML" is written in red cursive script across the back of her top. The background is a dark grey textured surface.

HTML is sexy!



HTML is sexy!
If you know your stuff

```
<body>
<div id='body'>
<p class="organizer">buildless presents:</p>

<h1><a href="index.html">rails workshop</a></h1>
<p class='date'>14 augustus</p>
<h2>Ruby on Rails with Chad Fowler</h2>
<p>Chad Fowler, a software developer, author, and long-time leading contributor in the Ruby community, regularly delivers Skills Matter's Ruby on Rails training courses.</p>

<p>Chad is one of the developers and maintainers of RubyGems, the defacto standard packaging system for Ruby, to Programming Ruby: The Pragmatic Programmer's Guide, and the author of the upcoming Rails Recipes.</p>


---


<TD> <IMG SRC="images/index_17.jpg" WIDTH=116 HEIGHT=74 ALT=""></TD>
<TD> <IMG SRC="images/index_18.jpg" WIDTH=117 HEIGHT=74 ALT=""></TD>
<TD> <IMG SRC="images/index_19.jpg" ALT="" WIDTH=116 HEIGHT=74 border="0" usemap="#Map3"></TD>
<TD> <IMG SRC="images/index_20.jpg" WIDTH=26 HEIGHT=74 ALT=""></TD>
</TR>
</table>
<table width="800" border="0" align="center" cellpadding="0" cellspacing="0" bgcolor="#FFFFFF">
<tr>
<td width="425"></td>
<td width="64"></td>
<td><span class="bluetext">&ampnbsp<a href="techniek.php">techniek</a> | <a href="vacatures.php">vacatures</a> | <a href="portfolio.php">portfolio</a> | <a href="contact.php">contact</a> | <a href="blauwdruk.php">blauwdruk</a></span>
</tr>
</table>
<table width="800" border="0" align="center" cellpadding="0" cellspacing="0">
<TR align="left" valign="top" bgcolor="#FFFFFF">
<TD> <IMG SRC="images/index_27.jpg" WIDTH=425 HEIGHT=44 ALT=""></TD>
<TD> <IMG SRC="images/index_28.jpg" WIDTH=116 HEIGHT=44 ALT=""></TD>
<TD> <IMG SRC="images/index_29.jpg" WIDTH=117 HEIGHT=44 ALT=""></TD>
```

Sexy!

Not Sexy!

Sexy!

The screenshot shows the homepage of the fronteers.nl website. On the left, there's a vertical navigation bar with yellow buttons and black text, listing: HOME, FRONTEERS (which is highlighted in blue), BIJEEENKOMSTEN, CONGRES, LEDENLIJST, WORD LID!, WEBLOG, CONTACT, and VACATUREBANK. To the right of the navigation is the main content area. At the top of the content area is the fronteers logo, featuring a yellow sun-like icon and the word "frontereers" in lowercase, with "vakvereniging voor front-end developers" underneath. Below the logo is a dashed-line box containing text about the organization's purpose and membership. Another dashed-line box contains a reminder about an event. At the bottom of the content area is another dashed-line box containing information about a specific meeting organized by Mangrove.

De doelstelling van Fronteers is de *professionalisering* van het beroep *front-end web development*. Daarbij streven wij naar *erkennung, verbetering en ondersteuning* van de (positie van) Nederlandse front-end web ontwikkelaars.

Op dit moment verenigt Fronteers zo'n 125 front-end ontwikkelaars, verspreid over heel Nederland.

Herinnering: bijeenkomst op 16 oktober

KRIJN HOETMER, 13 OKTOBER 2008

BIJEEENKOMSTEN

Voor iedereen dit het gemist heeft, of die nog twijfelt: aanstaande donderdag organiseert Mangrove een bijeenkomst in Rotterdam.

Met zo'n 50 aanmeldingen belooft het al redelijk druk/gezellig te worden. Zie voor meer informatie [de agenda en meld je aan](#).

Fronteers

frontereers.nl

```
<html>
```

```
<p>simple tips to minify hassle</p>
```



Doctype
be strict!



```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```

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



“near standards mode”
yuck!



different boxmodel
hell in a handbasket

inline/block level element

Block level elements

<div>

Your general-purpose box

<h1> ... <h6>

All headings

<p>

Paragraph

** <dl>**

Lists (unordered, ordered and definition)

** <dt> <dd>**

List items, definition list terms, and definition list definitions

<table>

Tables

<blockquote>

Like an indented paragraph, meant for quoting passages of text

<pre>

Indicates a block of preformatted code

<form>

An input form

Inline elements

Your all-purpose inline element

<a>

Anchor, used for links (and also to mark specific targets on a page for direct linking)

Used to make your content strong, displayed as bold in most browsers, replaces the narrower **** (bold) tag

Adds emphasis, but less strong than ****. Usually displayed as italic text, and replaces the old **<i>** (italic) tag

Image

**
**

The line-break is an odd case, as it's an inline element that forces a new line. However, as the text carries on on the next line, it's not a block-level element.

<input>

Form input fields like text fields and buttons

<abbr>

Indicates an abbr. (hover to see how it works)

<acronym>

Working much like the abbreviation, but used for things like this TLA.

block nested in inline element

```
<strong><div></div></strong>
```

block nested in inline element

```
<strong><div></div></strong>
```

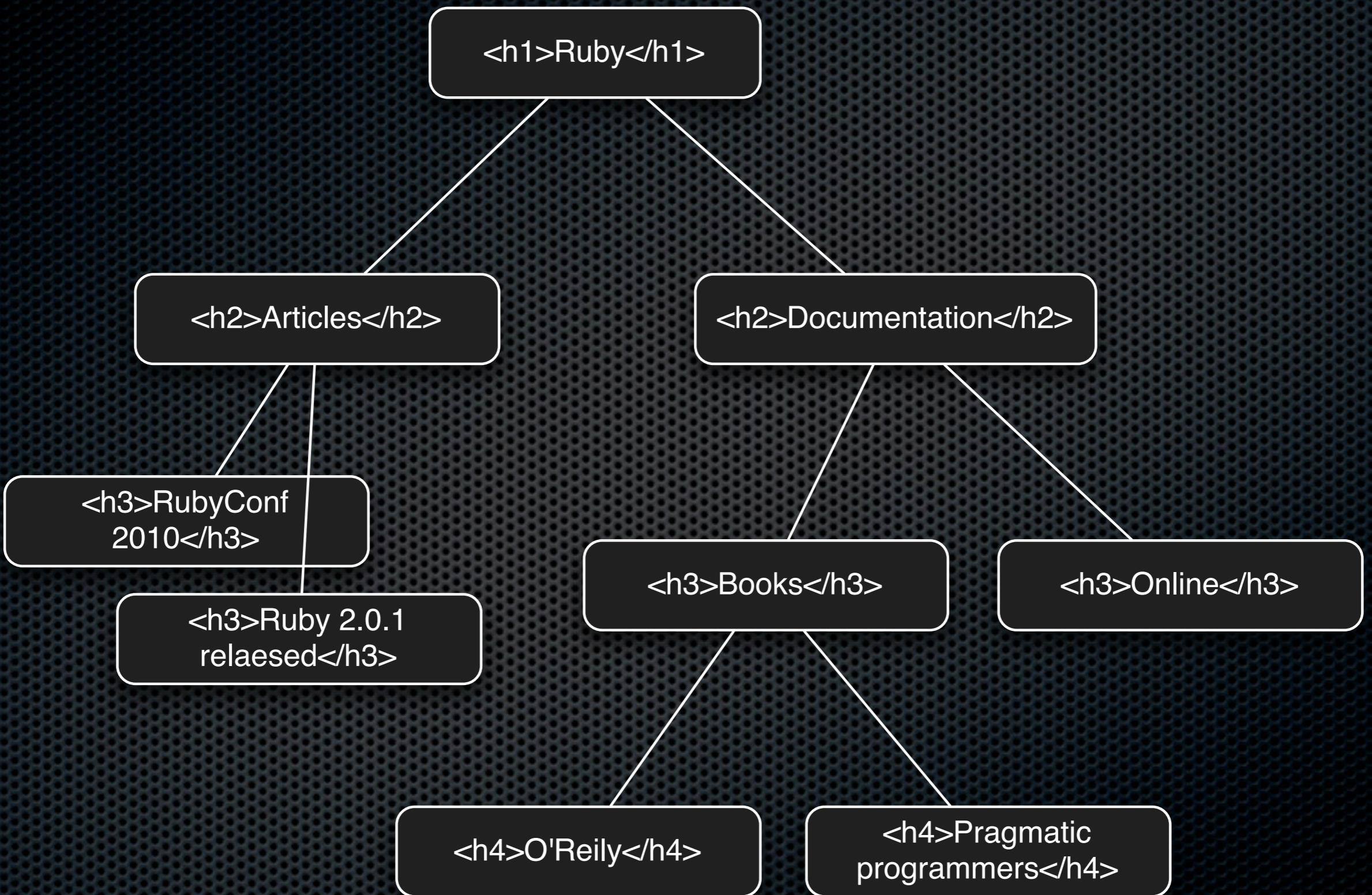
Don't do it



<http://flickr.com/photos/jelles/2656101758/>

<h1>Headers</h1>

- The first step towards semantic enlightenment
- don't use more than one <h1> on a page
- headers should be used as a tree structure



IDs & Classes

- IDs need to be unique
- Class should be re-used
- IDs define the elements identity
- Classes define the elements type

```
<h1>List of companies that use Ruby</h1>
<ul>
  <li id='company_1' class='ruby_agency'>
    <h2>Ye olde webshoppe</h2>
    <p>Hero for hire</p>
  </li>
  <li id='company_2' class='startup'>
    <h2>Wakoopa</h2>
    <p>Cool dutch startup</p>
  </li>
  <li id='company_3' class='startup'>
    <h2>Soocial</h2>
    <p>Another cool dutch startup</p>
  </li>
</ul>
```

```
<h1>List of companies that use Ruby</h1>
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  <li id='company_1' class='ruby_agency'>
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  <li id='company_3' class='startup'>
    <h2>Soocial</h2>
    <p>Another cool dutch startup</p>
  </li>
</ul>
```

```
<h1>List of companies that use Ruby</h1>
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  <li id='company_1' class='ruby_agency'>
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  </li>
  <li id='company_3' class='startup'>
    <h2>Soocial</h2>
    <p>Another cool dutch startup</p>
  </li>
</ul>
```

Specificity

```
#justin {  
    color: yellow;  
}  
.webdeveloper {  
    color: blue;  
}
```

```
<p id='justin' class='webdeveloper'>  
    Justin Halsall  
</p>
```

Specificity

```
#justin {  
    color: yellow;  
}  
.webdeveloper {  
    color: blue;  
}
```

```
<p id='justin' class='webdeveloper'>  
    Justin Halsall  
</p>
```

Justin Halsall

More info on Specificity

[http://www.stuffandnonsense.co.uk/archives/
css_specificity_wars.html](http://www.stuffandnonsense.co.uk/archives/css_specificity_wars.html)



SASS (Syntactically Awesome StyleSheets)

- Nicer syntax: no more {curly brackets}
- Nested rules: saves lots of repetition
- Variables
- Automatic minifying in production

Sass syntax

```
#main p  
  :color #00ff00  
  :width 97%
```

```
.redbox  
  :background-color #ff0000  
  :color #000000
```

Sass syntax

```
#main p {  
  color: #00ff00;  
  width: 97%; }  
  
#main p .redbox {  
  background-color: #ff0000;  
  color: #000000; }  
  
#main p  
  :color #00ff00  
  :width 97%  
  
.redbox  
  :background-color #ff0000  
  :color #000000
```

Sass syntax

```
#main p {  
  color: #00ff00;  
  width: 97%; }  
  
#main p.redbox {  
  background-color: #ff0000;  
  color: #000000; }
```

#main p
:color #00ff00
:width 97%

.redbox
:background-color #ff0000
:color #000000



Scaffold anyone?

<http://flickr.com/photos/mag3737/1419671737/>



Xtreme_scaffold

http://github.com/Juice10/xtreme_scaffold/

<http://flickr.com/photos/lorna87/283420918/>

label

```
<%= label :post, :title %>
<label for="post_title">Title</label>
```

Link_to :method

```
<%= link_to 'Destroy', post, :confirm => 'Are you  
sure?', :method => :delete %>  
  
<a href="#" onclick="if (confirm('are you sure?')) { new  
Ajax.Request('/posts/1', {asynchronous:true, evalScripts:true,  
method:'delete', parameters:'authenticity_token=' +  
encodeURIComponent('cc2f94f376dda7d1092ad74b8ed78fc66140cc34')})  
; }; return false;">Destroy</a>
```

Rails —



HTML —

routes.rb

```
map.resources :posts
```

routes.rb

```
map.resources :posts, :member => { :delete => :get }
```

posts_controller.rb

```
# GET /posts/1/delete
def delete
  @post = Post.find(params[:id])
end
```

delete.html.erb

```
<h1>Destroy post</h1>
<p>Are you sure?</p>
<% form_for @post,
      :html => { :method => :delete } do |f| %>
  <%= f.submit 'Destroy' %>
<% end %>
```

index.html.erb

```
<%= link_to 'Destroy', post, :confirm => 'Are you  
sure?', :method => :delete
```

index.html.erb

```
<%= link_to 'Destroy', post, :confirm => 'Are you  
sure?', :method => :delete, :href => delete_post_path(post) %>
```

index.html.erb

```
<%= link_to 'Destroy', post, :confirm => 'Are you  
sure?', :method => :delete, :href => delete_post_path(post)%>  
  
<a href="#" onclick="if (confirm('are you sure?')) { new  
Ajax.Request('/posts/1', {asynchronous:true,  
evalScripts:true, method:'delete',  
parameters:'authenticity_token=' +  
encodeURIComponent('cc2f94f376dda7d1092ad74b8ed78fc66140cc34'  
)}); }; return false;" href="/posts/1/delete">Destroy</a>
```

index.html.erb

```
<%= link_to 'Destroy', post, :confirm => 'Are you  
sure?', :method => :delete, :href => delete_post_path(post)%>  
  
<a href="#" onclick="if (confirm('are you sure?')) { new  
Ajax.Request('/posts/1', {asynchronous:true,  
evalScripts:true, method:'delete',  
parameters:'authenticity_token=' +  
encodeURIComponent('cc2f94f376dda7d1092ad74b8ed78fc66140cc34  
)}); }; return false;" href="/posts/1/delete">Destroy</a>
```

Still UGLY



still ugly

<http://flickr.com/photos/humandescent/318544728/>

application.js

```
Event.observe(window, 'load', function(){
  // all delete links
  $$('a.delete').each(function(link) {
    Event.observe(link, 'click', function(evt){
      if (confirm('are you sure?')) {
        new Ajax.Request(link.href.gsub(/^\//, ''),
          {asynchronous:true,
           evalScripts:true,
           method:'delete'});
      };
      Event.stop(evt)
    })
  })
})
```

index.html.erb

```
<%= link_to 'Destroy',  
delete_post_path(post), :class => 'delete' %>
```

index.html.erb

```
<%= link_to 'Destroy',  
delete_post_path(post), :class => 'delete' %>  
  
<a href="/posts/2/delete" class="delete">  
  Destroy  
</a>
```

Sexy!

index.html.erb

```
<%= link_to 'Destroy',  
delete_post_path(post), :class => 'delete' %>  
  
<a href="/posts/2/delete" class="delete">  
  Destroy  
</a>
```

Unobtrusive JavaScript Route

JSON is your friend

The End

- Twitter name: juice10
- Side Project: <http://tvnotify.com>
- Blog: <http://juice10.com>

The End



- Twitter name: juice10
- Side Project: <http://tvnotify.com>
- Blog: <http://juice10.com>

The End



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