

An Introduction to Rails

with Gregg Pollack

Episode #1





Prerequisites:
TryRuby.org

Episode #1

Deep in the CRUD



FOR ZOMBIES!!

What's happening?

140



greggpollack
1,520 tweets

148 following 3,028 followers 357 listed

Who to follow [view all](#)



mojombo
Tom Preston-Werner
[Follow](#)



bryanl
Bryan Liles (ツ)
[Follow](#)

Home

[@greggpollack](#)

Direct Messages 113

Favorites

Retweets

Search

Lists

greggs-favorites

[New list](#) [View all](#)

Trending: Worldwide

[Change](#)

Taylor Hotner

Teen Choice Awards

Ted Stevens

#wheniwaslittle

#followerquestion

Ramadhan

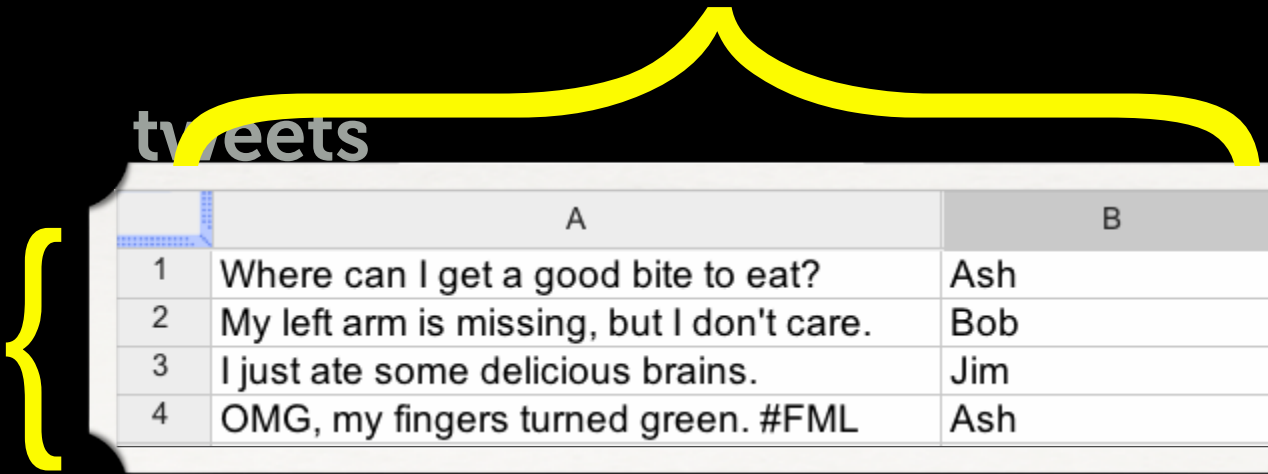
#annoyingquestion

Columns

(we have 3)

tweets

Rows
(we have 4)



	A	B
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

id status zombie

↓ ↓ ↓

	A	B
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

ZOMBIE CHALLENGE #1

Retrieve a hash of the tweet with id = 3

RESULT

```
b = { :status => "I just ate some delicious brains",  
      :zombie => "Jim" }
```

Hash

Series of key value pairs

```
b = { :status => "I just ate some delicious brains",  
      :zombie => "Jim" }
```

```
puts b[:status]
```

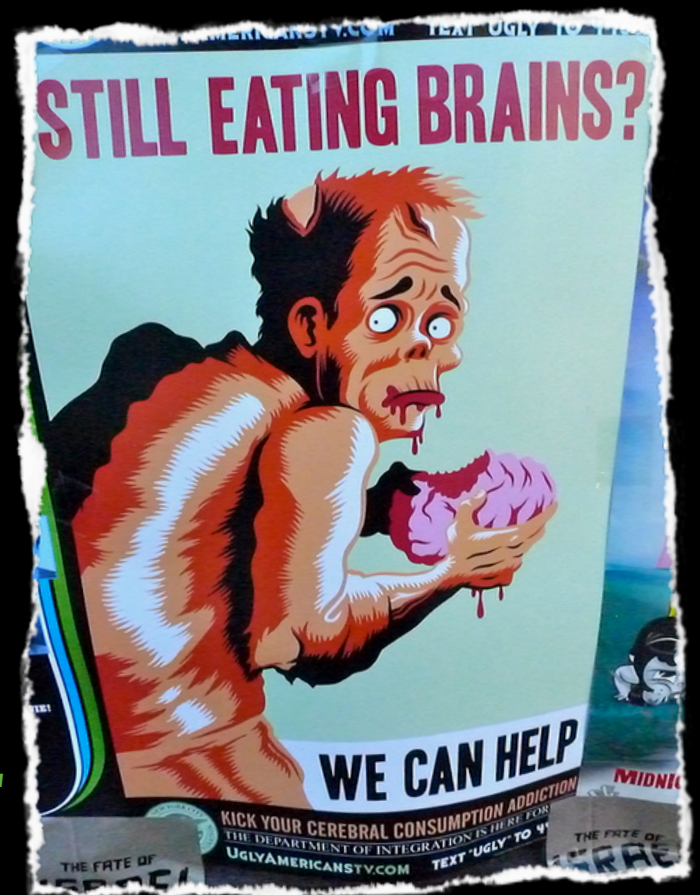
"I just ate some delicious brains"

```
puts b[:zombie]
```

"Jim"

```
puts b[:zombie] + " said " + b[:status]
```

"Jim said I just ate some delicious brains"



tweets

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

ZOMBIE CHALLENGE #1

Retrieve a hash of the tweet with id = 3

ANSWER

```
t = Tweet.find(3)
```

```
puts t[:id]      3
```

```
puts t[:status]  "I just ate some delicious brains."
```

```
puts t[:zombie]  "Jim"
```

```
t = Tweet.find(3)
```

```
puts t[:id]
```

```
puts t.id
```

```
puts t[:status]
```

```
puts t.status
```

```
puts t[:zombie]
```

```
puts t.zombie
```

Same As

ANSWER

```
puts t.id
```

```
3
```

```
puts t.status
```

```
"I just ate some delicious brains."
```

```
puts t.zombie
```

```
"Jim"
```

```
t = Tweet.find(3)
```

Pluralize

tweets

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

C

R

U

D

Create

Read

Update

Delete

Create

```
t = Tweet.new  
t.status = "I <3 brains."  
t.save
```

Read

```
Tweet.find(3)
```

Update

```
t = Tweet.find(3)  
t.zombie = "EyeballChomper"  
t.save
```

Delete

```
t = Tweet.find(3)  
t.destroy
```

Create

Syntax

```
t = Tweet.new  
t.status = "I <3 brains."  
t.zombie = "Jim"  
t.save
```

—— Notice we don't set the id.
The id gets set manually for us.

Alternate Syntax

```
t = Tweet.new(:status => "I <3 brains", :zombie => "Jim")  
t.save
```

```
Tweet.create(:status => "I <3 brains", :zombie => "Jim")
```

Read

Syntax

`Tweet.find(2)` # Returns a single item

`Tweet.find(3, 4, 5)` # Returns an array

`Tweet.first` # Returns the first tweet

`Tweet.last` # Returns the last tweet

`Tweet.all` # Returns all the tweets

`Tweet.count` # Returns number of tweets

`Tweet.order(:zombie)` # All ordered by zombie

`Tweet.limit(10)` # Only 10 tweets

`Tweet.where(:zombie => "ash")` # Only tweets by Ash

`Tweet.where(:zombie => "ash").order(:zombie).limit(10)`

method chaining

Update

Syntax

```
t = Tweet.find(3)
t.zombie = "EyeballChomper"
t.save
```

```
t = Tweet.find(2)
t.attributes = {
  :status => "Can I munch your eyeballs?",
  :zombie => "EyeballChomper"
}
t.save
```

```
t = Tweet.find(2)
t.update_attributes(
  :status => "Can I munch your eyeballs?",
  :zombie => "EyeballChomper"
)
```

Delete

Syntax

```
t = Tweet.find(2)  
t.destroy
```

```
Tweet.find(2).destroy
```

```
Tweet.destroy_all
```



ZOMBIE LAB 1

An Introduction to Rails

with Gregg Pollack

Episode #2



Chapter 2

Models taste like chicken



t = Tweet.find(3)



```
app/models/tweet.rb  
class Tweet < ActiveRecord::Base  
end
```

tweets

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

Tweet

app/models/tweet.rb

```
class Tweet < ActiveRecord::Base  
  
end
```

Maps the class to the table

tweets

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash

app/models/tweet.rb

```
class Tweet < ActiveRecord::Base
end
```

instance of Tweet

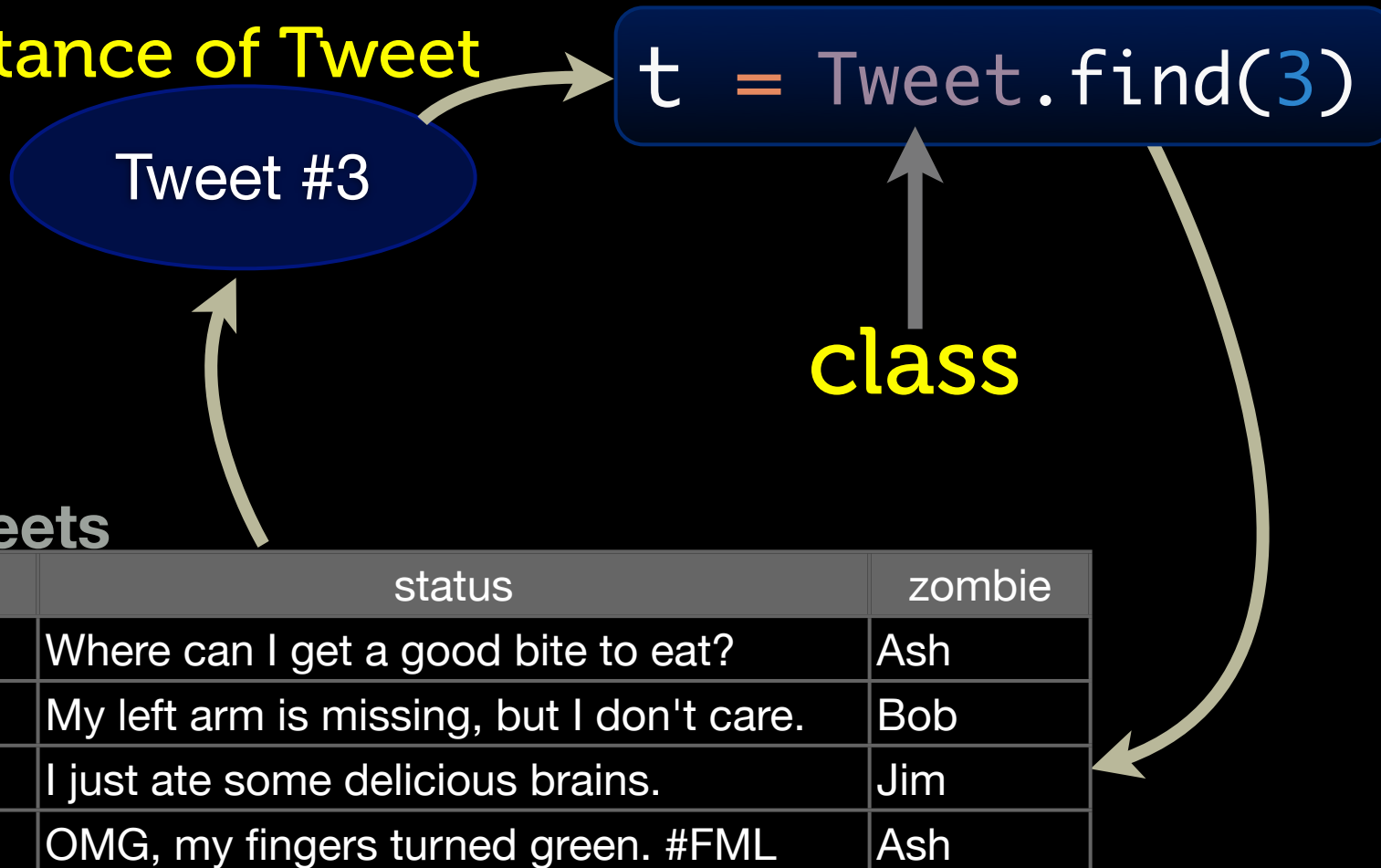
Tweet #3

t = Tweet.find(3)

class

tweets

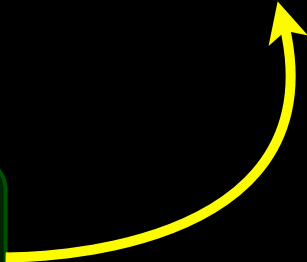
id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash



Validations?

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash
5		

```
t = Tweet.new  
t.save
```



VALIDATIONS

app/models/tweet.rb

```
class Tweet < ActiveRecord::Base  
  
  validates_presence_of :status  
  
end
```

```
> t = Tweet.new  
      => #<Tweet id: nil, status: nil, zombie: nil>  
> t.save  
      => false  
> t.errors  
      => {:status=>["can't be blank"]}  
> t.errors[:status]  
      => "can't be blank"
```

VALIDATIONS

`validates_presence_of :status`

`validates_numericality_of :fingers`

`validates_uniqueness_of :toothmarks`

`validates_confirmation_of :password`

`validates_acceptance_of :zombification`

`validates_length_of :password, :minimum => 3`

`validates_format_of :email, :with => /regex/i`

`validates_inclusion_of :age, :in => 21..99`

`validates_exclusion_of :age, :in => 0...21,
:message => "Sorry you must be over 21"`

Attribute Validation

VALIDATIONS

```
validates :status, :presence => true  
validates :status, :length => { :minimum => 3 }
```



```
validates :status, :presence => true, :length => { :minimum => 3 }
```

```
:presence => true  
:uniqueness => true  
:numericality => true  
:length => { :minimum => 0, :maximum => 2000 }  
:format => { :with => /.*/ }  
:inclusion => { :in => [1,2,3] }  
:exclusion => { :in => [1,2,3] }  
:acceptance => true  
:confirmation => true
```

RELATIONSHIPS



Because they always travel in packs

RELATIONSHIPS

tweets

id	status	zombie
1	Where can I get a good bite to eat?	Ash
2	My left arm is missing, but I don't care.	Bob
3	I just ate some delicious brains.	Jim
4	OMG, my fingers turned green. #FML	Ash



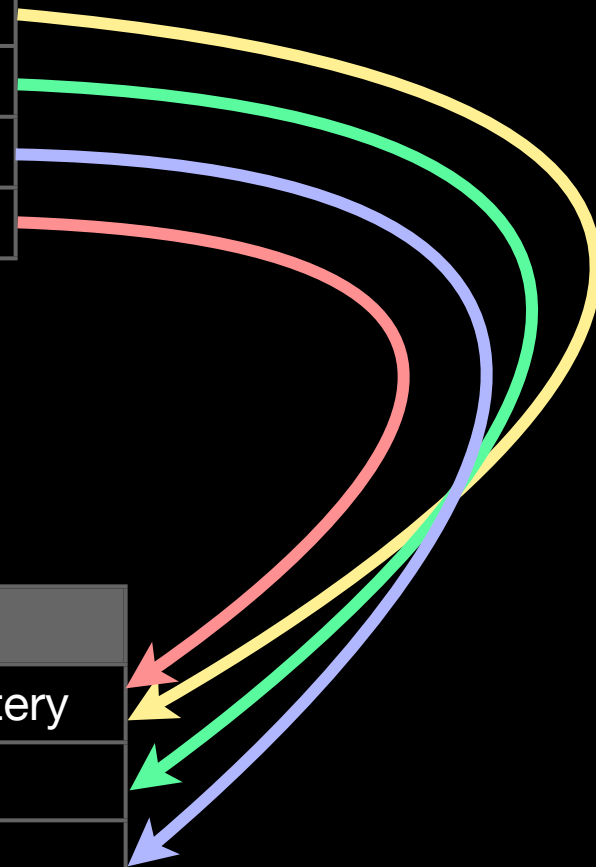
RELATIONSHIPS

tweets

id	status
1	Where can I get a good bite to eat?
2	My left arm is missing, but I don't care.
3	I just ate some delicious brains.
4	OMG, my fingers turned green. #FML

zombies

id	name	graveyard
1	Ash	Glen Haven Memorial Cemetery
2	Bob	Chapel Hill Cemetery
3	Jim	My Father's Basement



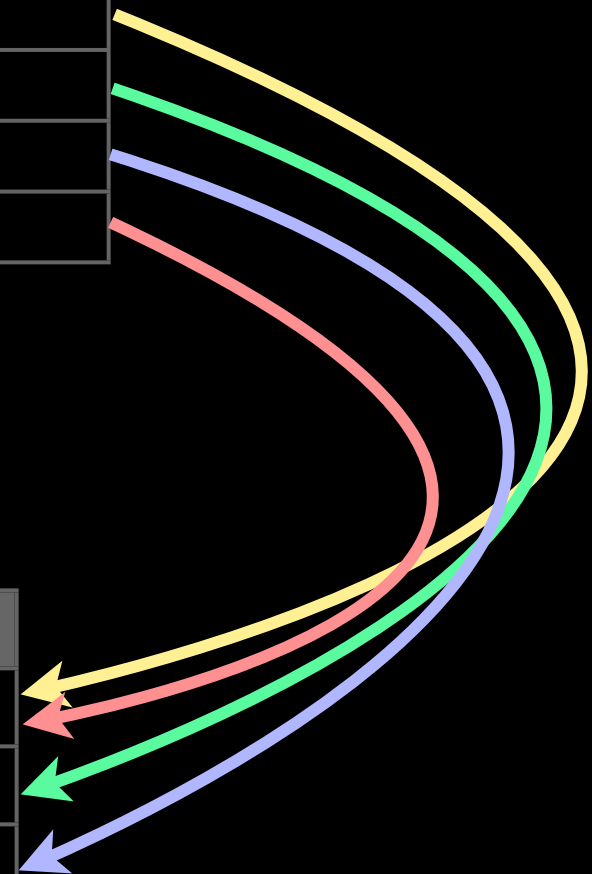
RELATIONSHIPS

tweets

id	status	zombie_id
1	Where can I get a good bite to eat?	1
2	My left arm is missing, but I don't care.	2
3	I just ate some delicious brains.	3
4	OMG, my fingers turned green. #FML	1

zombies

id	name	graveyard
1	Ash	Glen Haven Memorial Cemetery
2	Bob	Chapel Hill Cemetery
3	Jim	My Father's Basement



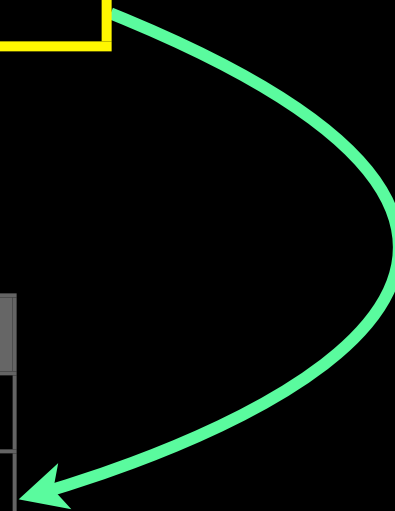
RELATIONSHIPS

tweets

id	status	zombie_id
1	Where can I get a good bite to eat?	1
2	My left arm is missing, but I don't care.	2
3	I just ate some delicious brains.	3
4	OMG, my fingers turned green. #FML	1
5	Your eyelids taste like bacon.	2

zombies

id	name	graveyard
1	Ash	Glen Haven Memorial Cemetery
2	Bob	Chapel Hill Cemetery
3	Jim	My Father's Basement



A Tweet **belongs to** a Zombie

app/models/tweet.rb

```
class Tweet < ActiveRecord::Base  
  
  belongs_to :zombie  
  
end
```

Singular

A Zombie **has many** Tweets

app/models/zombie.rb

```
class Zombie < ActiveRecord::Base  
  
  has_many :tweets  
  
end
```

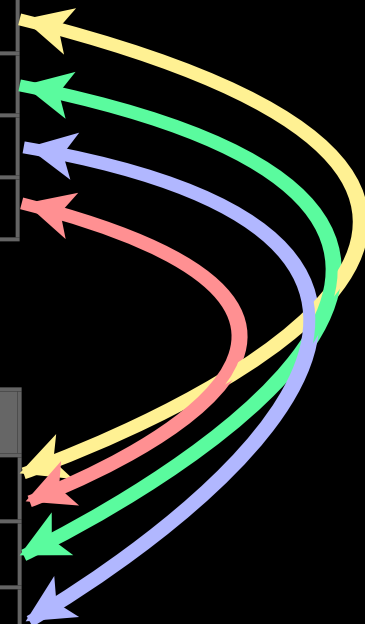
Plural

tweets

id	status	zombie_id
1	Where can I get a good bite to eat?	1
2	My left arm is missing, but I don't care.	2
3	I just ate some delicious brains.	3
4	OMG, my fingers turned green. #FML	1

zombies

id	name	graveyard
1	Ash	Glen Haven Memorial Cemetery
2	Bob	Chapel Hill Cemetery
3	Jim	My Father's Basement



A Tweet belongs to a Zombie

RELATIONSHIPS

```
> z = Zombie.find(2)
=> #<Zombie id: 2, name: "Bob", graveyard: "Chapel Hill Cemetery">

> t = Tweet.create(:status => "Your eyelids taste like bacon.", :zombie => z)
=> #<Tweet id: 5, status: "Your eyelids taste like bacon.", zombie_id: 2>

> t.zombie
=> #<Zombie id: 2, name: "Bob", graveyard: "Chapel Hill Cemetery">

> t.zombie.name
=> "Bob"

> ash = Zombie.find(1)
=> #<Zombie id: 1, name: "Ash", graveyard: "Glen Haven Cemetery">

> ash.tweets.count
=> 4

> ash.tweets
=> [#<Tweet id: 1, status: "Where can I get a good bite to eat?",
zombie_id: 1>, #<Tweet id: 4, status: "OMG, my fingers turned green. #FML",
zombie_id: 1>]
```

ZOMBIE LAB 2

An Introduction to Rails

with Gregg Pollack

Episode #3



Chapter 3

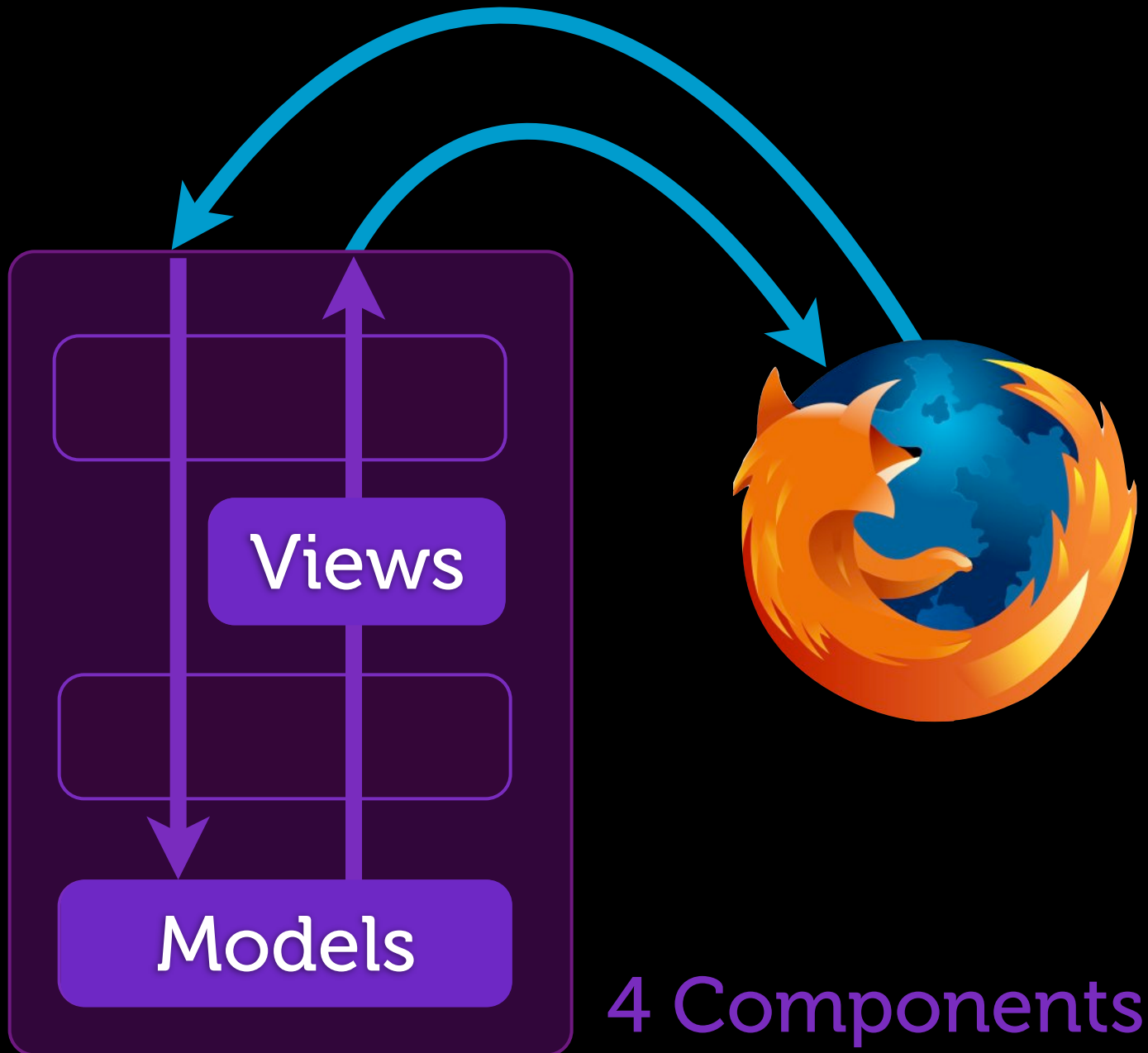
The View ain't always pretty



I'm so gonna
eat his brains

Our Application Stack

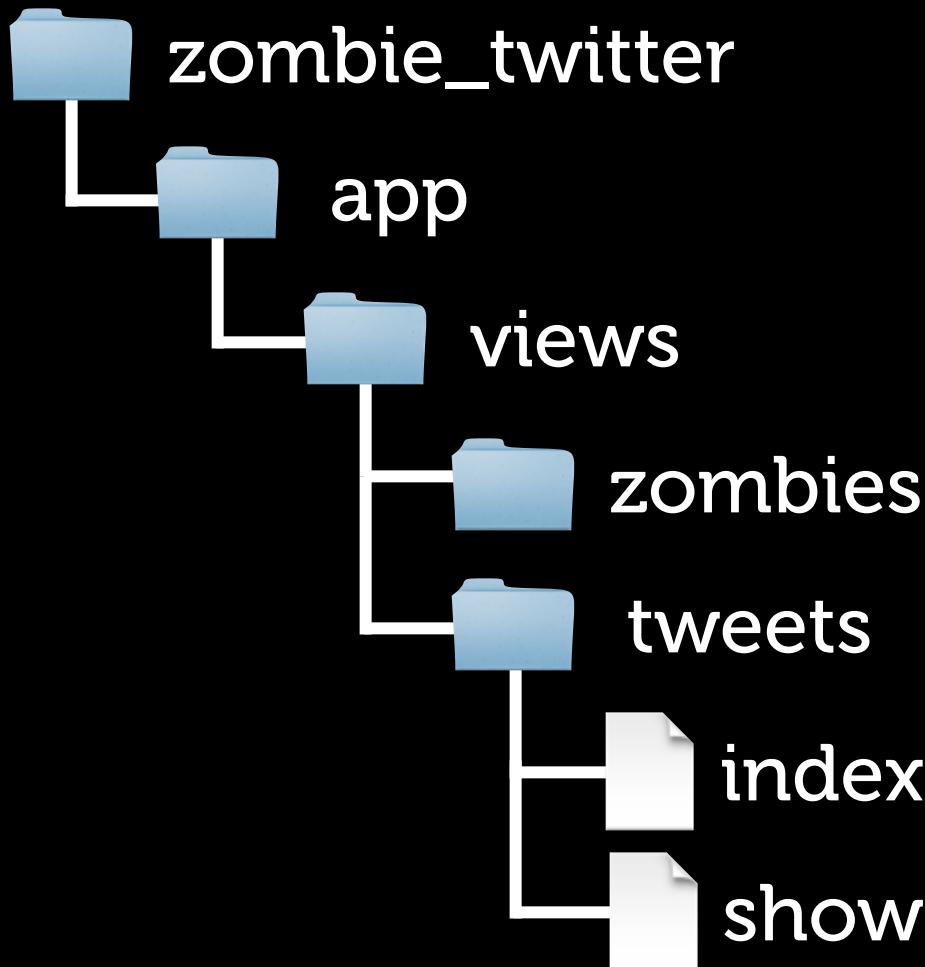
VIEWS



~~Edible Rotting Bodies~~

Embedded Ruby

Ruby inside HTML



List all tweets

View a tweet

Show a tweet

`<% ... %>`

Evaluate Ruby

`<%= ... %>`

Eval and print result

`/app/views/tweets/show.html.erb`

```
<!DOCTYPE html>
<html>
  <head><title>Twitter for Zombies</title></head>
  <body>
    

    <% tweet = Tweet.find(1) %>

    <h1><%= tweet.status %></h1>

    <p>Posted by <%= tweet.zombie.name %></p>

  </body></html>
```



**FYI, THIS CODE
SUCKS A LITTLE..**
(for 2 reasons)



Show a tweet

/app/views/layouts/application.html.erb

```
<!DOCTYPE html>
<html>
  <head><title>Twitter for Zombies</title></head>
  <body>
    

    <%= yield %>

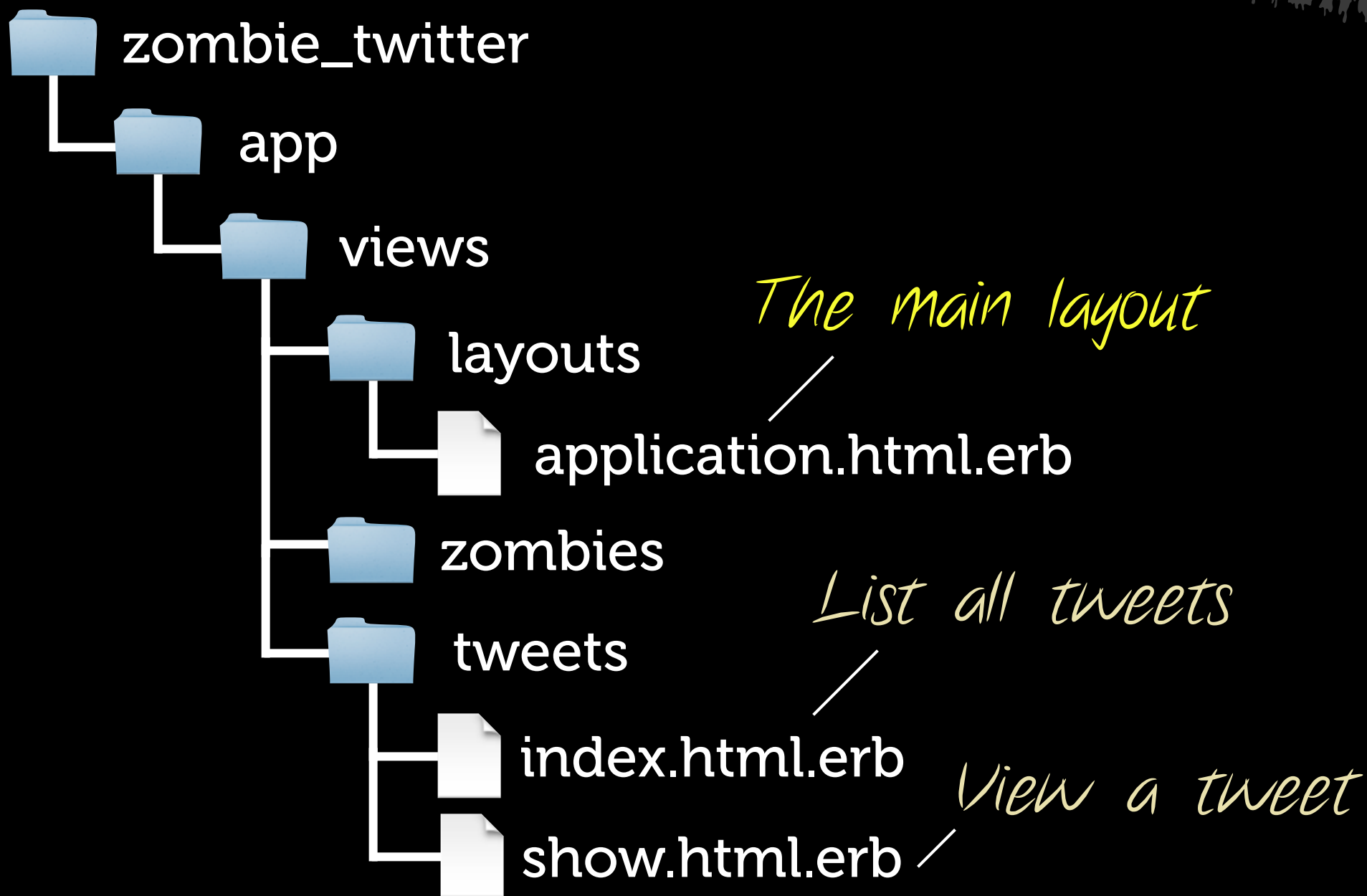
  </body></html>
```

/app/views/tweets/show.html.erb

```
<% tweet = Tweet.find(1) %>

<h1><%= tweet.status %></h1>

<p>Posted by <%= tweet.zombie.name %></p>
```



Additional Layout Components

`/app/views/layouts/application.html.erb`

```
<!DOCTYPE html>
<html>
<head>
  <title>Twitter for Zombies</title>
</head>
<body>
  

  <%= yield %>
</body></html>
```

Additional Layout Components

`/app/views/layouts/application.html.erb`

```
<!DOCTYPE html>
<html>
<head>
  <title>Twitter for Zombies</title>
  <%= stylesheet_link_tag :all %>
  <%= javascript_include_tag :defaults %>
  <%= csrf_meta_tag %>
</head>
<body>
  

  <%= yield %>
</body></html>
```

Additional Layout Components

```
<%= stylesheet_link_tag :all %>
```



Include all stylesheets

Renders →

```
<link href="/stylesheets/scaffold.css" media="screen" rel="stylesheet" type="text/css" />
```

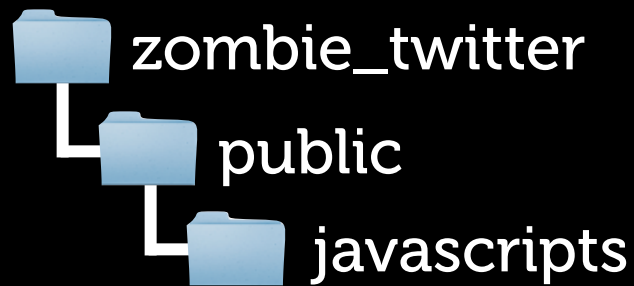
```
<%= javascript_include_tag :defaults %>
```

```
<%= csrf_meta_tag %>
```

Additional Layout Components

```
<%= stylesheet_link_tag :all %>
```

```
<%= javascript_include_tag :defaults %>
```



Include default JS

Renders →

```
<script src="/javascripts/prototype.js" type="text/javascript"></script>
<script src="/javascripts/effects.js" type="text/javascript"></script>
<script src="/javascripts/dragdrop.js" type="text/javascript"></script>
<script src="/javascripts/controls.js" type="text/javascript"></script>
<script src="/javascripts/rails.js" type="text/javascript"></script>
<script src="/javascripts/application.js" type="text/javascript"></script>
```

**Prototype Javascript
Framework**

```
<%= csrf_meta_tag %>
```

Additional Layout Components

```
<%= stylesheet_link_tag :all %>
```

```
<%= javascript_include_tag :defaults %>
```

```
<%= csrf_meta_tag %>
```

ZOMBIE HACKER SITE

```
<form target="http://yoursite.com">
```

Your Site

Think comment spam

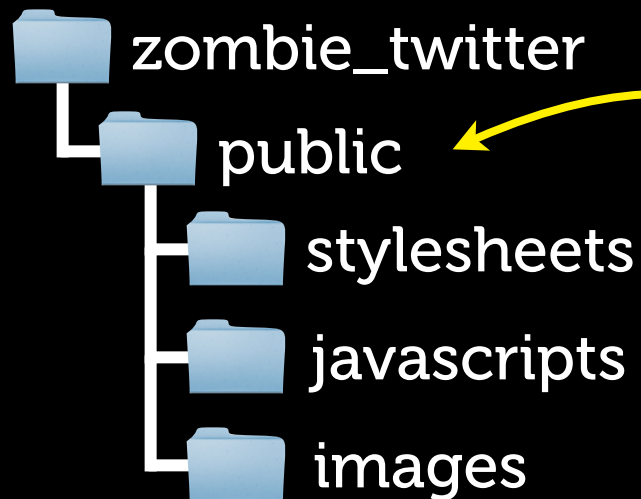
Renders →

```
<meta name="csrf-param" content="authenticity_token"/>  
<meta name="csrf-token" content="I+d..jI="/>
```

Automatically adds this to forms

Root path and images

[http://ZombieTwitter.com/\[something\]](http://ZombieTwitter.com/[something])



If exists in /public use it, otherwise go to Rails

Example →

```

```

Adding a Link

/app/views/tweets/show.html.erb

...

```
<p>Posted by <%= tweet.zombie.name %></p>
```

Make zombie a link

```
<%= link_to tweet.zombie.name, zombie_path(tweet.zombie) %>
```

Link Text **Link Path (URL)**

Renders →

```
<a href="/zombies/1">Ash</a>
```

We can also write as

```
<%= link_to tweet.zombie.name, tweet.zombie %>
```

Link Text **Object to Show**

Method

link_to

What options can you use with it?

1. Look in the source

Command Line

```
git clone http://github.com/rails/rails.git  
cd rails
```

Open your editor and search for "def link_to"

Method

link_to

What options can you use with it?

2. Look at api.rubyonrails.org

(and search for link_to)

Method

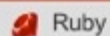
link_to

What options can you use with it?

3. API Dock

(online Ruby and Rails docs)

<http://apidock.com/rails>



Ruby



Ruby on Rails

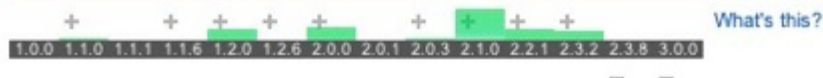


RSpec



project

Ruby on Rails - Browse - Search



Latest events

- stevo posted note [Preserve order of elements within fields_for](#) about 7 hours ago
- himn1 posted note [This can be useful for conditional validation](#) about 10 hours ago
- himn1 posted note [Custom validator with i18n support](#) about 22 hours ago
- tokland posted note [Anchor option](#) 8 days ago
- soulim posted note [Mistake in example for Rails 3](#) 9 days ago
- tordans posted note [Nice german translation independet of structure of a sentence](#) 10 days ago
- bradwerth posted note [Or maybe...](#) 15 days ago
- Imported version v3.0.0 15 days ago
- Git repository cloned from [git://github.com/rails/rails.git](https://github.com/rails/rails.git) 15 days ago
- tokland posted note [About the options argument](#) 15 days ago
- tom2cjp posted note [using joins, group, having](#) 17 days ago

Project README

Welcome to Rails

Rails is a web-application framework that includes everything needed to create database-backed web applications according to the Model-View-Control pattern.

Project details



- 759 notes
- 242 good notes
- 683 modules
- 938 classes
- 9659 methods
- [Show more project details](#)

Latest good notes

- [Use the current URL, with changes](#) by foliosus at 29 Sep
- [This method will still rewrite all the values of the table](#) by railsmonk at 16 Sep
- [Easy workaround for missing :through option](#) by szeryf at 27 Aug
- [Passing optional arguments with defaults to a named_scope](#) by insane-dreamer at 25 Aug
- [default_scope on create](#) by squil at 25 Aug
- [Not really deprecated](#) by rxcfc at 23 Aug
- [:conditions examples](#) by mihserf at 21 Aug
- [Calling migrations within migrations](#) by RISCfuture at 20 Aug

[All good notes](#) - RSS[All notes](#) - RSS

Top contributors of last 30 days

- rgolkosky with 6 received thanks
- leente with 2 received thanks
- yonosoytu with 2 received thanks

Method

link_to

What options can you use with it?

4. Rails Searchable API Doc

(local download or online)

<http://railsapi.com/>

Rails **Searchable** API Doc beta :)

Smart search, beautifully packed

[Rails v3.0.0RC](#) or [Rails v3.0.0RC + Ruby v1.9](#) or [build your custom package](#)

[Download](#) 

Zip, 2.62 Mb

[Browse online](#)

Tested with Safari 4, Firefox 3, Opera 9.5, Chrome, IE8
IE 6, 7 are usable but *painfully* slow

New docs are built daily

<http://railsapi.com/>

Q- link_to

link_to(*args, &block)

ActionView::Helpers::UrlHelper

Creates a link tag of the given +name+ using a URL created by the set of options.

link_to_function(name, *args, &block)

ActionView::Helpers::JavaScriptHelper

Returns a link of the given +name+ that will trigger a JavaScript function when clicked.

link_to_if(condition, name, options = {}, html_options = {})

ActionView::Helpers::UrlHelper

Creates a link tag of the given +name+ using a URL created by the set of options, if the condition is true.

link_to_unless(condition, name, options = {}, html_options = {})

ActionView::Helpers::UrlHelper

Creates a link tag of the given +name+ using a URL created by the set of options, unless the condition is true.

link_to_unless_current(name, options = {}, html_options = {})

ActionView::Helpers::UrlHelper

Creates a link tag of the given +name+ using a URL created by the set of options, unless the current page is the link's destination.

link_to(*args, &block)

Creates a link tag of the given name using a URL created by the set of options. See the valid options in the documentation for [url_for](#). It is also possible to pass a string instead of an options hash to get a link tag that uses the value of the string as the href for the link, or use `:back` to link to the referrer - a JavaScript back link will be used in place of a referrer if none exists. If `nil` is passed as a name, the link itself will become the name.

Signatures

```
link_to(body, url, html_options = {})
  # url is a String; you can use URL helpers like
  # posts_path

link_to(body, url_options = {}, html_options = {})
  # url_options, except :confirm or :method,
  # is passed to url_for

link_to(options = {}, html_options = {}) do
  # name
end

link_to(url, html_options = {}) do
  # name
end
```

Options

- `:confirm => 'question?'` - This will allow the unobtrusive JavaScript driver to prompt with the question specified. If the user accepts the link is processed normally, otherwise no action is taken.
- `:method => symbol of HTTP verb` - This modifier will dynamically create an HTML form and immediately submit the form for processing using the HTTP verb specified. Useful for having links perform a POST operation in dangerous actions like deleting a record (which search bots can follow while spidering your site). Supported verbs are `:post`, `:delete` and `:put`. Note that if the user has JavaScript disabled, the request will fall back to using GET. If `:href => '#'` is used and the user has JavaScript disabled clicking the link will have no effect. If you are relying on the POST behavior, you should check for it in your controller's action by using the request object's methods for `post?`, `delete?` or `put?`.
- `:remote => true` - This will allow the unobtrusive JavaScript driver to make an Ajax request to the URL in question instead of following the link. The drivers each provide mechanisms for listening for the completion of the Ajax request and performing JavaScript operations once they're complete.

Examples

Because it relies on [url_for](#), [link_to](#) supports both older-style controller/action/id arguments and newer RESTful routes. Current Rails favors RESTful routes whenever possible, so base your application on resources and use

```
link_to "Profile", profile_path(@profile)
# => <a href="/profiles/1">Profile</a>
```

or the even pithier

```
link_to "Profile", @profile
# => <a href="/profiles/1">Profile</a>
```

link_to

link_to(*args, &block)
ActionView::Helpers::UrlHelper
Creates a

link_to
ActionView
Returns a

link_to
ActionView
Creates a

link_to
ActionView
Creates a

link_to
ActionView::Helpers::UrlHelper
Creates a link tag of the given +name+ using a URL crea

link_to(*args, &block)

Creates a link tag of the given name using a URL created by the set of options. See the valid options in the documentation for `url_for`.
also possible to pass a string instead of an options hash to get a link tag that uses the value of the string as the href for the link, or use

Options

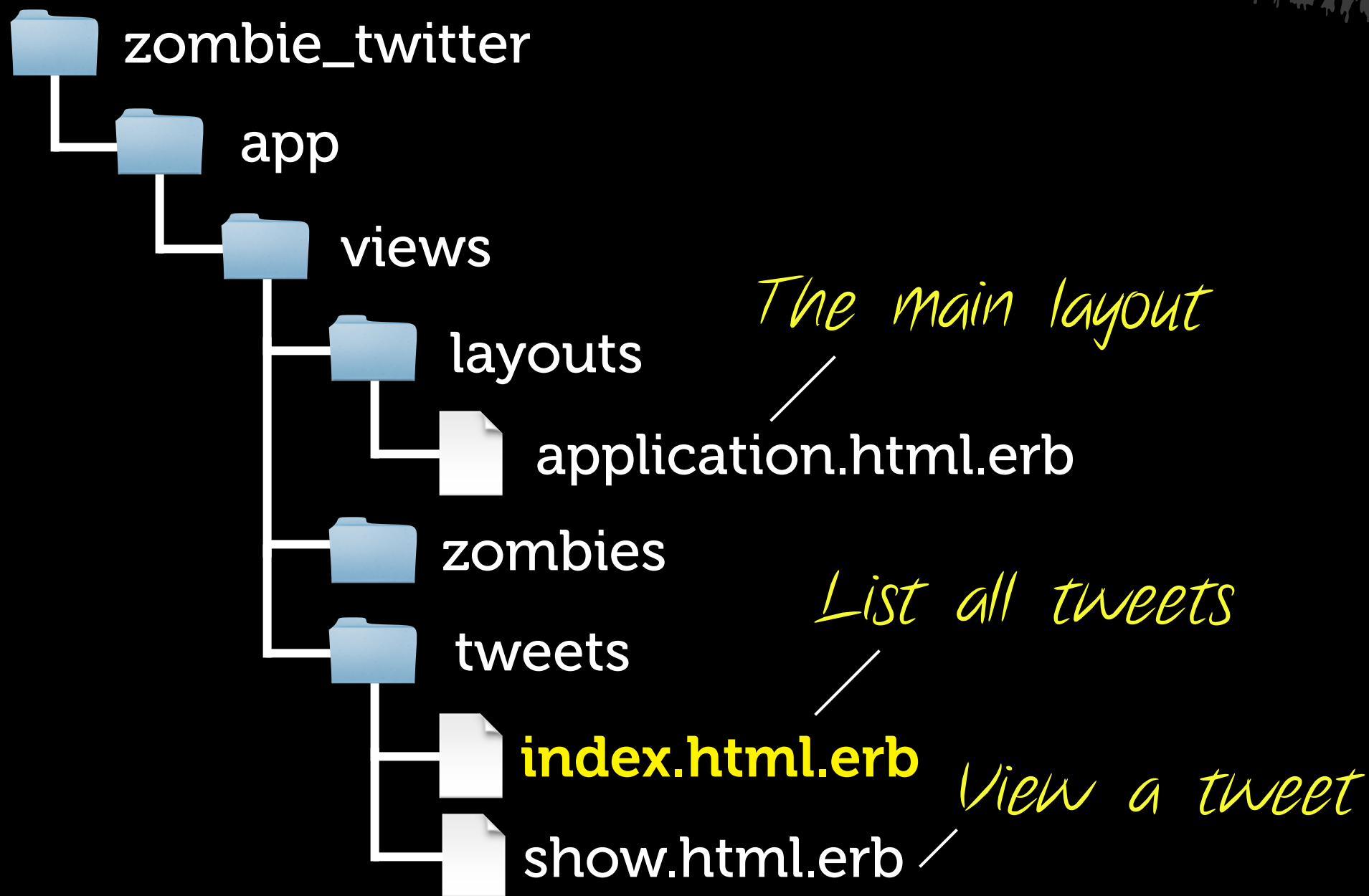
- `:confirm => 'question?'` - This will allow the unobtrusive JavaScript driver to prompt with the question specified. If the user accepts, the link is processed normally, otherwise no action is taken.

```
link_to(options = {}, html_options = {}) do
```

```
<%= link_to @tweet.zombie.name, @tweet.zombie, :confirm => "Are you sure?" %>
```

```
# name  
end
```





List Tweets

/app/views/tweets/index.html.erb

```
<h1>Listing tweets</h1>

<table>
  <tr>
    <th>Status</th>
    <th>Zombie</th>
  </tr>

  <% Tweet.all.each do |tweet| %>
    <tr>
      <td><%= tweet.status %></td>
      <td><%= tweet.zombie.name %></td>
    </tr>
  <% end %>
</table>
```



What they return

Tweet class

Tweet.all array of tweets

tweet single tweet

Create Links

VIEWS

/app/views/tweets/index.html.erb

```
<% Tweet.all.each do |tweet| %>
  <tr>
    <td><%= tweet.status %></td>
    <td><%= tweet.zombie.name %></td>
  </tr>
<% end %>
```

Create Links

VIEWS

/app/views/tweets/index.html.erb

```
<% Tweet.all.each do |tweet| %>
  <tr>
    <td><%= link_to tweet.status, tweet %></td>
    <td><%= tweet.zombie.name %></td>
  </tr>
<% end %>
```

Create Links

VIEWS

/app/views/tweets/index.html.erb

```
<% Tweet.all.each do |tweet| %>
  <tr>
    <td><%= link_to tweet.status, tweet %></td>
    <td><%= link_to tweet.zombie.name, tweet.zombie %></td>
  </tr>
<% end %>
```

Empty Table? *VIEWS*



Listing tweets

Status Zombie

No tweets found

```
<% Tweet.all.each do |tweet| %>
  <tr>
    <td><%= link_to tweet.status, tweet %></td>
    <td><%= link_to tweet.zombie.name, tweet.zombie %></td>
  </tr>
<% end %>
```

Empty Table? *VIEWS*



Listing tweets

Status Zombie

No tweets found

```
<% Tweet.all.each do |tweet| %>
  ...
<% end %>
```

Empty Table? *VIEWS*



Listing tweets

Status Zombie

No tweets found

```
<% tweets = Tweet.all %>
<%           .each do |tweet| %>
  ...
<% end %>
```

Empty Table? *VIEWS*



Listing tweets

Status Zombie

No tweets found

```
<% tweets = Tweet.all %>
<% tweets.each do |tweet| %>
  ...
<% end %>

<% if tweets.size == 0 %>
  <em>No tweets found</em>
<% end %>
```

Empty Table? *VIEWS*



Listing tweets

Status Zombie

No tweets found

```
<% tweets = Tweet.all %>
<% tweets.each do |tweet| %>
  ...
<% end %>

<% if tweets.empty? %>
  <em>No tweets found</em>
<% end %>
```



Edit & Delete Links?

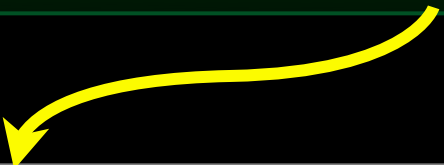
```
<% tweets.each do |tweet| %>
  <tr>
    <td><%= link_to tweet.status, tweet %></td>
    <td><%= link_to tweet.zombie.name, tweet.zombie %></td>
    <td><%= link_to "Edit", edit_tweet_path(tweet) %></td>
    <td><%= link_to "Delete", tweet, :method => :delete %></td>
  </tr>
<% end %>
```

Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

All links for Tweets

```
<%= link_to "<link text>", <code> %>
```



Action	Code	The URL Generated
List all tweets	<code>tweets_path</code>	<code>/tweets</code>
New tweet form	<code>new_tweet_path</code>	<code>/tweets/new</code>

`tweet = Tweet.find(1)` ← *These paths need a tweet*

Action	Code	The URL Generated
Show a tweet	<code>tweet</code>	<code>/tweets/1</code>
Edit a tweet	<code>edit_tweet_path(tweet)</code>	<code>/tweets/1/edit</code>
Delete a tweet	<code>tweet, :method => :delete</code>	<code>/tweets/1</code>

ZOMBIE LAB 3

An Introduction to Rails

with Gregg Pollack

Episode #4



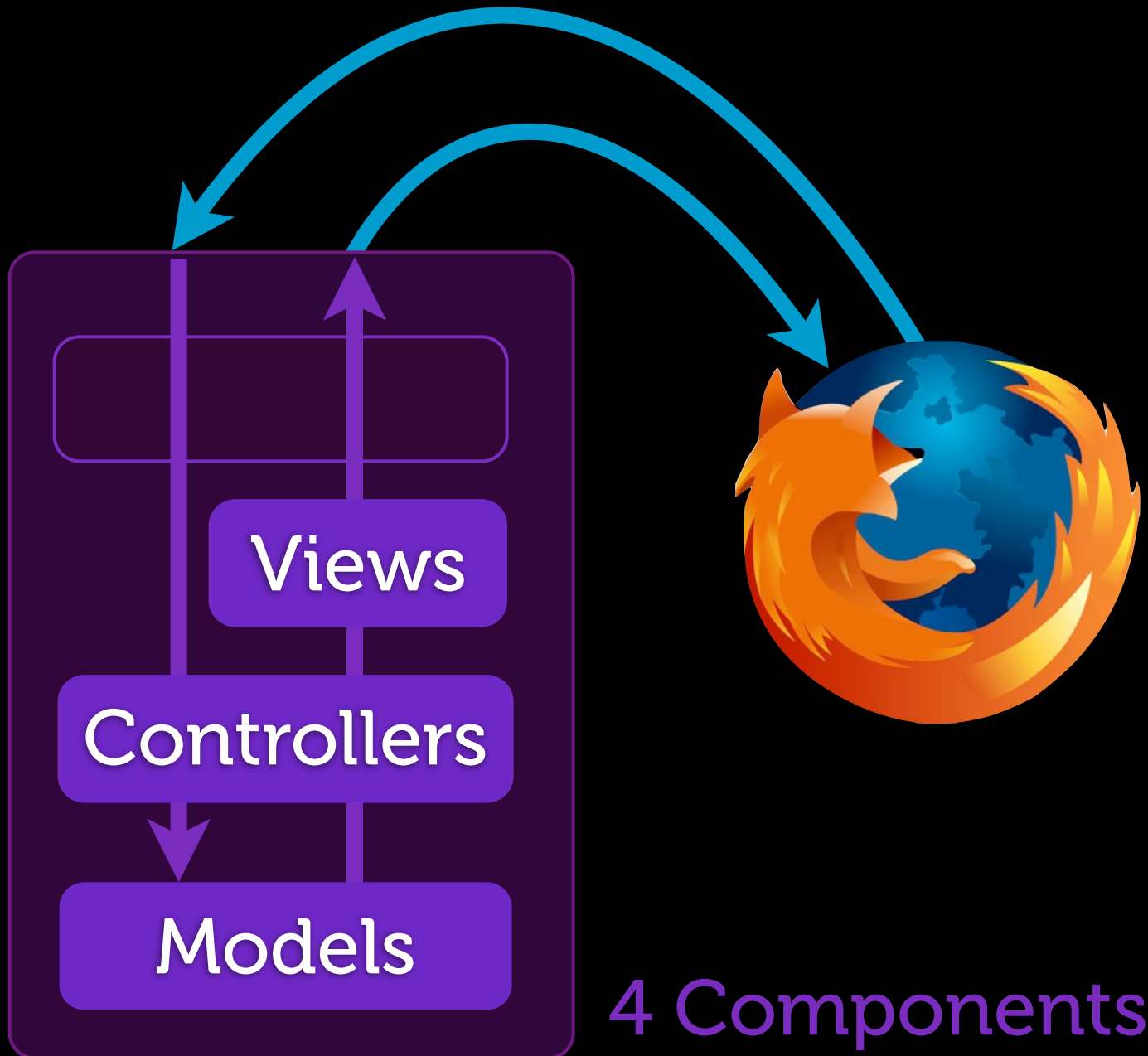
Chapter 4

Controllers ^{brains} must be eaten



Our Application Stack

VIEWS



Show a tweet



/app/views/tweets/show.html.erb

```
<!DOCTYPE html>
<html>
  <head><title>Twitter for Zombies</title></head>
  <body>
    

    <% tweet = Tweet.find(1) %>

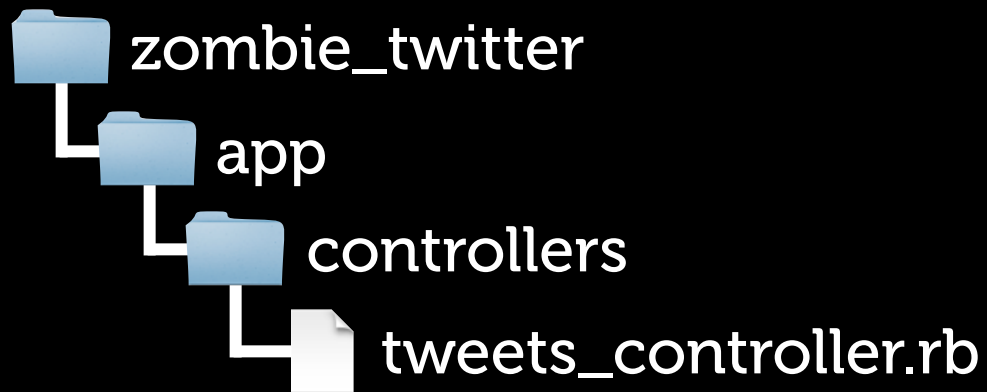
    <h1><%= tweet.status %></h1>

    <p>Posted by <%= tweet.zombie.name %></p>

  </body></html>
```

**FYI, THIS CODE
SUCKS A LITTLE..**
(we'll fix it later)





Request
/tweets/1

/app/controllers/tweets_controller.rb

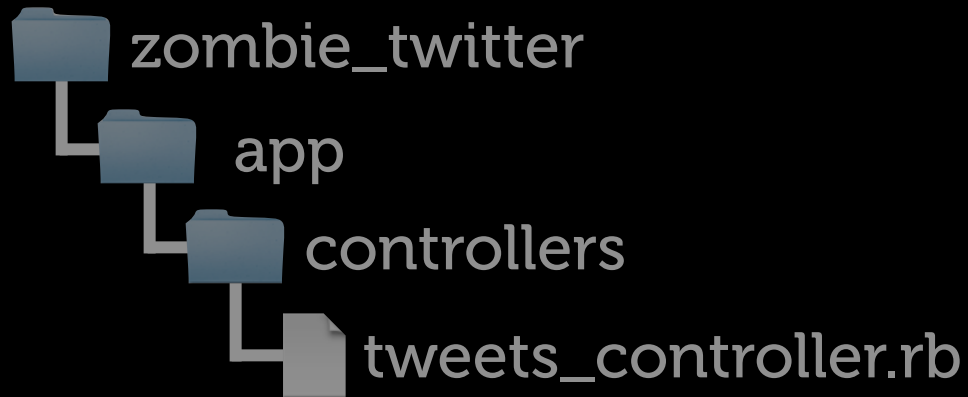
Controller

/app/views/tweets/show.html.erb

```
<% tweet = Tweet.find(1) %>
```

```
<h1><%= tweet.status %></h1>
```

```
<p>Posted by <%= tweet.zombie.name %></p>
```



Request
/tweets/1

/app/controllers/**tweets_controller.rb**

Controller

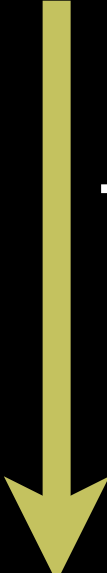
/app/views/**tweets/show.html.erb**

```
<% tweet = Tweet.find(1) %>
```

```
<h1><%= tweet.status %></h1>
```

```
<p>Posted by <%= tweet.zombie.name %></p>
```

Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  ...
end
```

/app/views/tweets/show.html.erb

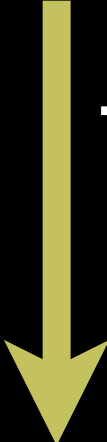


```
<% tweet = Tweet.find(1) %>

<h1><%= tweet.status %></h1>

<p>Posted by <%= tweet.zombie.name %></p>
```

Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show

  end
end
```

/app/views/tweets/show.html.erb



```
<% tweet = Tweet.find(1) %>

<h1><%= tweet.status %></h1>

<p>Posted by <%= tweet.zombie.name %></p>
```

Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show

  end
end
```

/app/views/tweets/show.html.erb

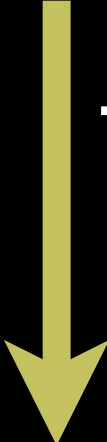
```
<% tweet = Tweet.find(1) %>

<h1><%= tweet.status %></h1>

<p>Posted by <%= tweet.zombie.name %></p>
```



Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show

  end
end
```

/app/views/tweets/show.html.erb



```
<% tweet = Tweet.find(1) %>

<h1><%= tweet.status %></h1>

<p>Posted by <%= tweet.zombie.name %></p>
```

Request
/tweets/1

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController  
  def show  
    tweet = Tweet.find(1)  
  end  
end
```

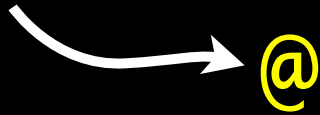
/app/views/tweets/show.html.erb

```
<h1><%= tweet.status %></h1>  
  
<p>Posted by <%= tweet.zombie.name %></p>
```

**WHAT ABOUT
VARIABLE SCOPE?**



Instance Variable



@

Request
/tweets/1

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(1)
  end
end
```

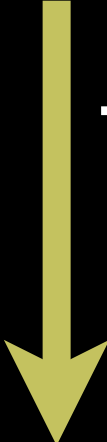
/app/views/tweets/show.html.erb

```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```

Render

Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(1)
  end
end
```

/app/views/tweets/status.html.erb

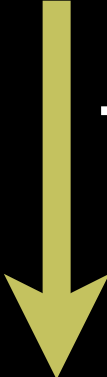


```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```

Render

Request
/tweets/1



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(1)
    render :action => 'status'
  end
end
```



/app/views/tweets/status.html.erb

```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```



Render

Request

/tweets/1
/tweets/2
/tweets/3
/tweets/4
/tweets/5

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(1)
    render :action => 'status'
  end
end
```

/app/views/tweets/status.html.erb

```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```

Render

Request

/tweets/1
/tweets/2
/tweets/3
/tweets/4
/tweets/5

params[:id]

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(1)
    render :action => 'status'
  end
end
```

/app/views/tweets/status.html.erb

```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```

Render

```
params = { :id => "1" }
```

Request

/tweets/1
/tweets/2
/tweets/3
/tweets/4
/tweets/5

params[:id]

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def show
    @tweet = Tweet.find(params[:id])
    render :action => 'status'
  end
end
```

/app/views/tweets/status.html.erb

```
<h1><%= @tweet.status %></h1>

<p>Posted by <%= @tweet.zombie.name %></p>
```

Parameters

Request



```
params = { :status => "I'm dead" }
```

```
@tweet = Tweet.create(:status => params[:status])
```

```
params = { :tweet => { :status => "I'm dead" } }
```

```
@tweet = Tweet.create(:status => params[:tweet][:status])
```

We can also write as



```
@tweet = Tweet.create(params[:tweet])
```

Request
/tweets/1
xml? json?

xml

```
<?xml version="1.0" encoding="UTF-8"?>
<tweet>
  <id type="integer">1</id>
  <status>Where can I get a good bite to eat?</status>
  <zombie-id type="integer">1</zombie-id>
</tweet>
```

json

```
{"tweet":{"id":1,"status":"Where can I get a good bite to eat?","zombie_id":1}}
```

```
class TweetsController < ApplicationController
```

```
  def show
```

```
    @tweet = Tweet.find(params[:id])
```

```
    respond_to do |format|
```

```
      format.html # show.html.erb
```

```
      format.xml { render :xml => @tweet }
```

```
      format.json { render :json => @tweet }
```

```
    end
```

```
  end
```

Request

/tweets/1

xml? json?

/tweets/1.xml

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<tweet>
```

```
  <id type="integer">1</id>
```

```
  <status>Where can I get a good bite to eat?</status>
```

```
  <zombie-id type="integer">1</zombie-id>
```

```
</tweet>
```

/tweets/1.json

```
{"tweet":{"id":1,"status":"Where can I get a good bite to eat?","zombie_id":1}}
```

Controller Actions

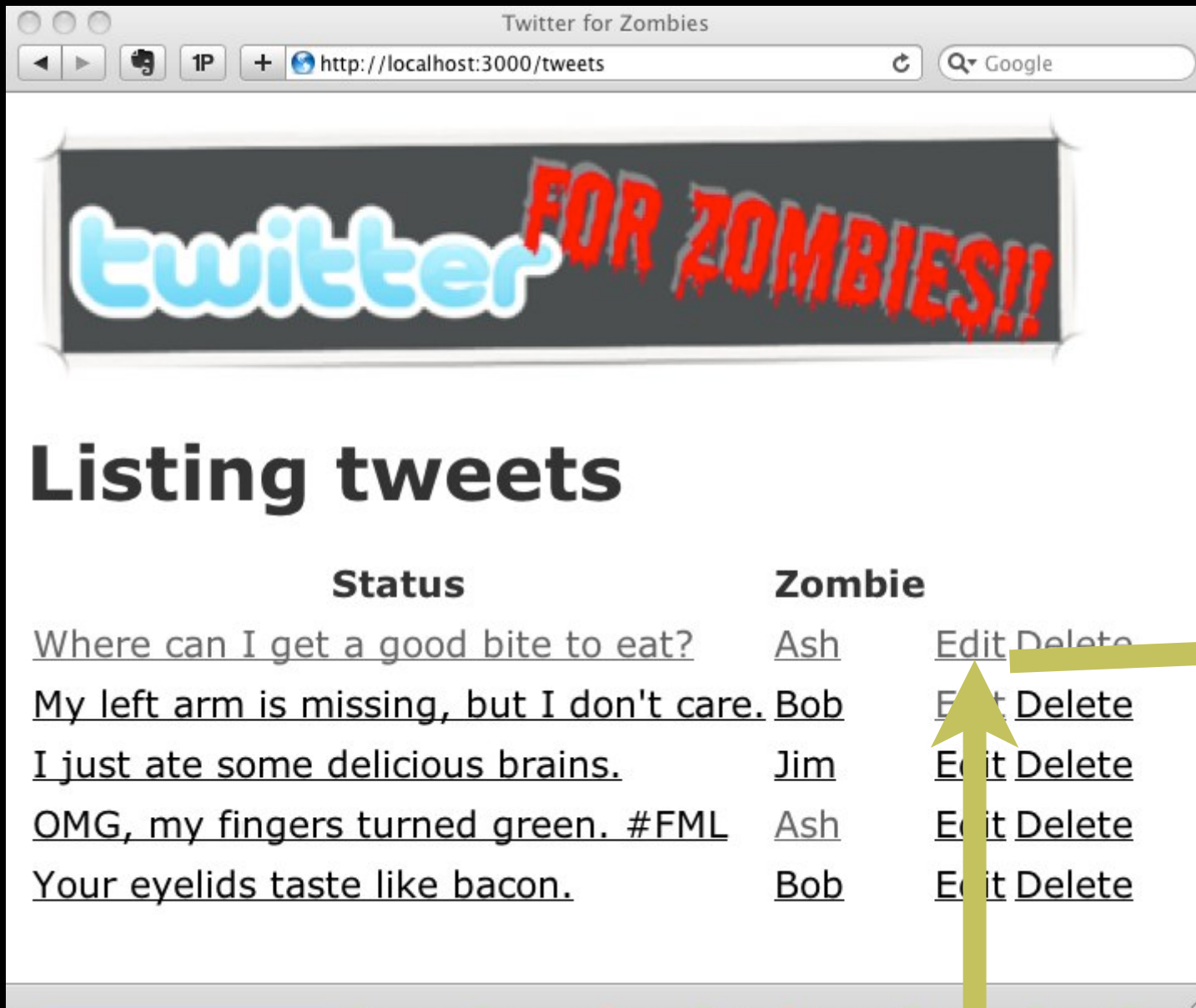
Request

/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def index      List all tweets
  def show       Show a single tweet
  def new        Show a new tweet form
  def edit       Show an edit tweet form
  def create     Create a new tweet
  def update     Update a tweet
  def destroy    Delete a tweet
end
```

View

Adding some authorization



The screenshot shows a web browser window titled "Twitter for Zombies". The address bar displays "http://localhost:3000/tweets". The page features a banner with the word "twitter" in blue and "FOR ZOMBIES!!" in red. Below the banner, the heading "Listing tweets" is followed by a table of tweets and user names.

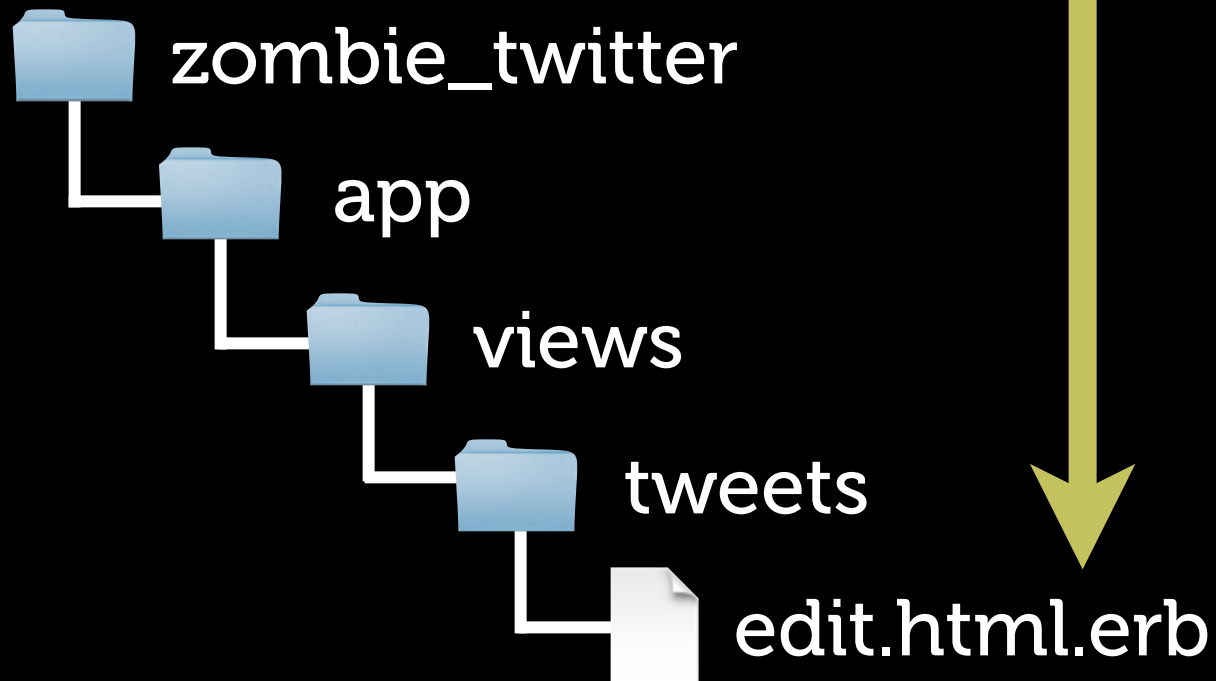
Status	Zombie
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>

`def edit`

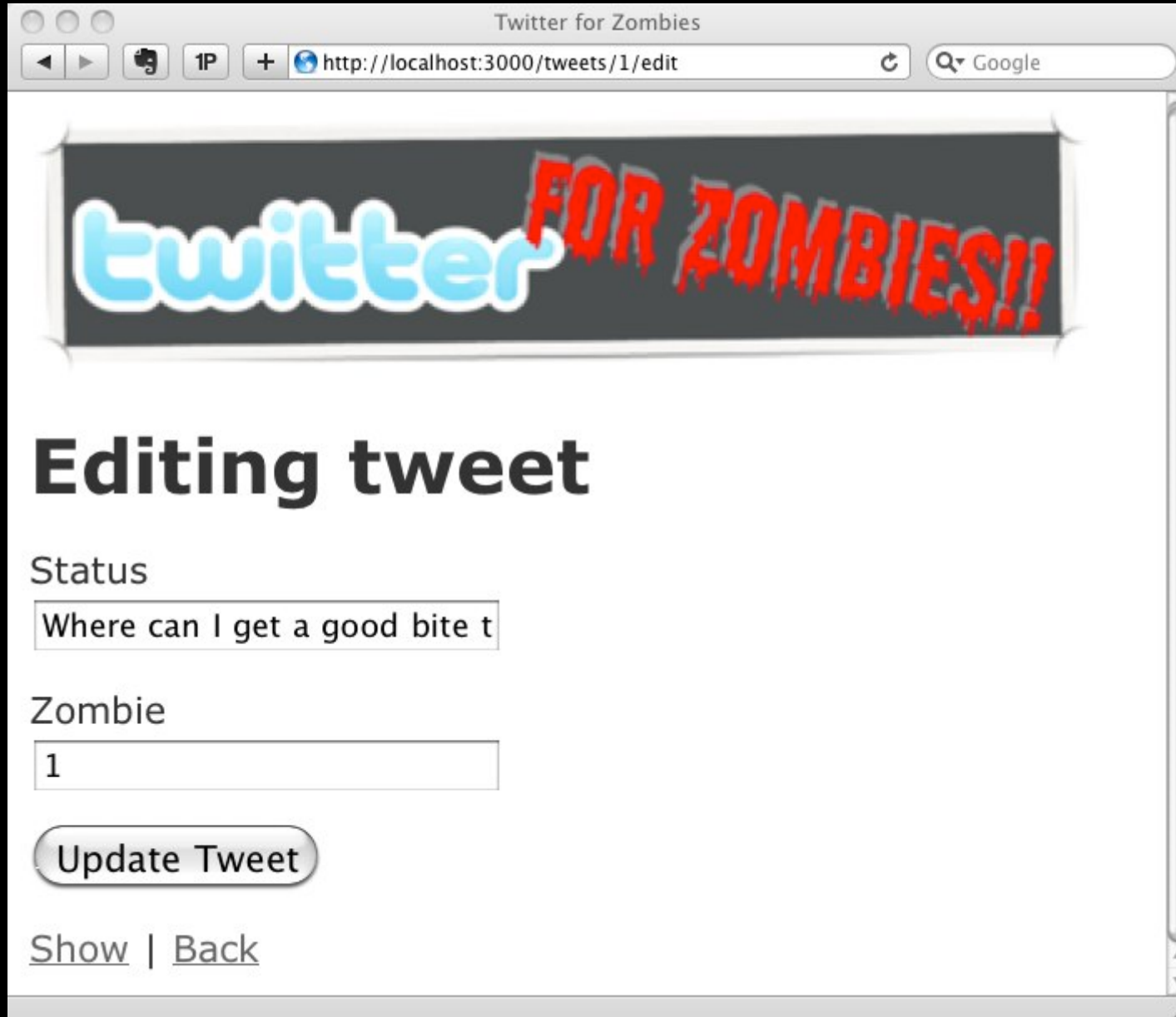
Adding some authorization

/app/controllers/tweets_controller.rb

```
def edit
  @tweet = Tweet.find(params[:id])
end
```



Adding some authorization



The screenshot shows a web browser window titled "Twitter for Zombies". The address bar displays "http://localhost:3000/tweets/1/edit". The page features a banner with the Twitter logo and the text "FOR ZOMBIES!!". Below the banner, the heading "Editing tweet" is visible. The form includes a "Status" field with the text "Where can I get a good bite t", a "Zombie" field with the value "1", and an "Update Tweet" button. At the bottom, there are links for "Show" and "Back".

Twitter for Zombies

http://localhost:3000/tweets/1/edit

Google

twitter FOR ZOMBIES!!

Editing tweet

Status

Where can I get a good bite t

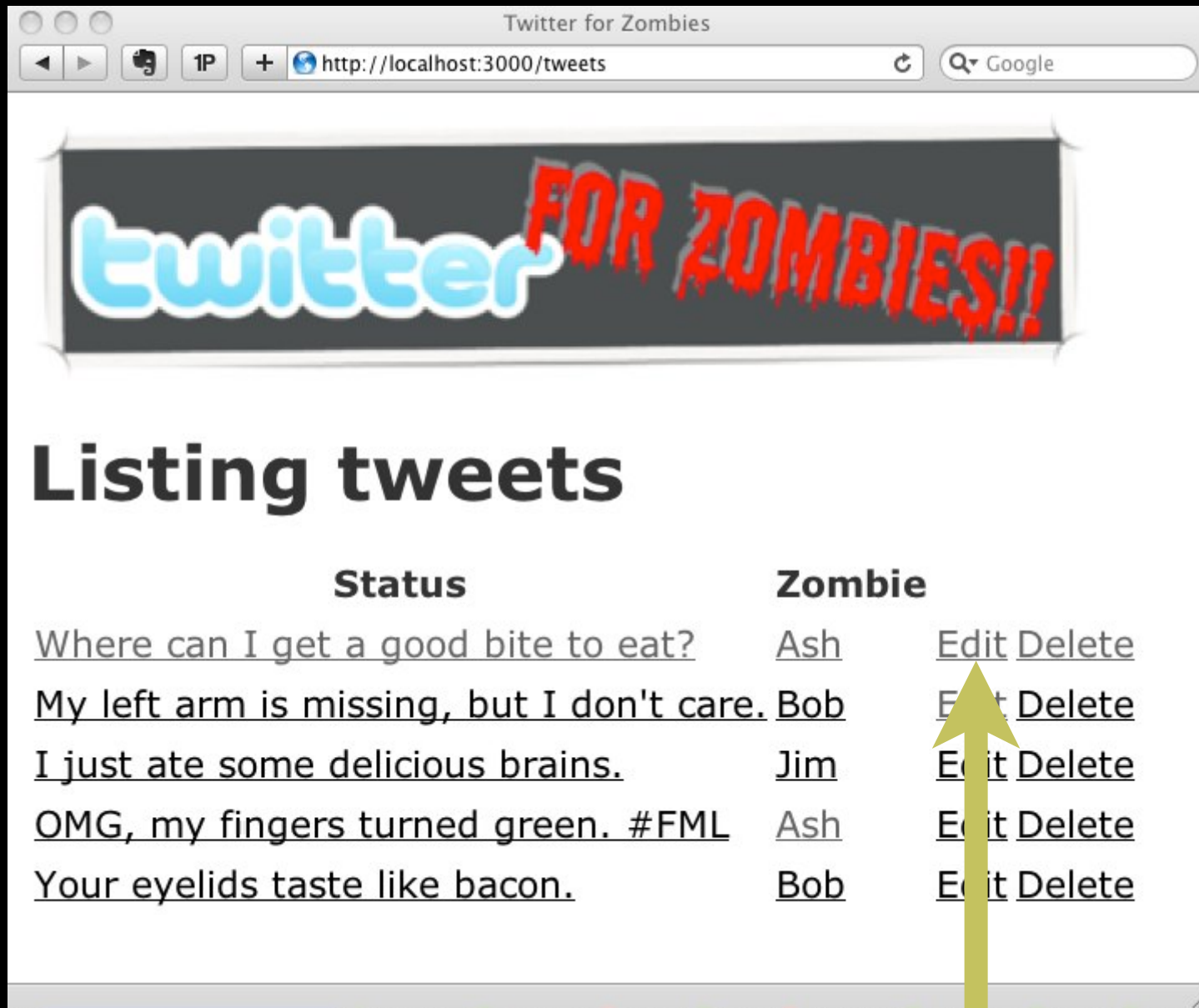
Zombie

1

Update Tweet

[Show](#) | [Back](#)

Adding some authorization



The screenshot shows a web browser window titled "Twitter for Zombies". The address bar displays "http://localhost:3000/tweets". The page features a banner with the word "twitter" in blue and "FOR ZOMBIES!!" in red, dripping blood. Below the banner, the heading "Listing tweets" is displayed. A table lists five tweets with their authors and actions.

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit</u> <u>Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit</u> <u>Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit</u> <u>Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit</u> <u>Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit</u> <u>Delete</u>

A yellow arrow points to the "Edit" link for the second tweet.

Adding some authorization



Twitter for Zombies

1P + http://localhost:3000/tweets Google

twitter FOR ZOMBIES!!

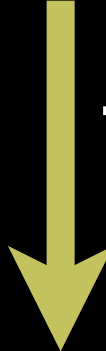
Sorry, you can't edit someone else's tweet

Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

Redirect and Flash

Request



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def edit
    @tweet = Tweet.find(params[:id])

    if session[:zombie_id] != @tweet.zombie_id
      flash[:notice] = "Sorry, you can't edit this tweet"
      redirect_to(tweets_path)
    end
  end
end
```

session

Works like a per user hash

flash[:notice]

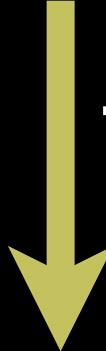
To send messages to the user

redirect <path>

To redirect the request

Redirect and Flash

Request



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def edit
    @tweet = Tweet.find(params[:id])

    if session[:zombie_id] != @tweet.zombie_id
      redirect_to(tweets_path,
        :notice => "Sorry, you can't edit this tweet")
    end
  end
end
```



Alternate Syntax combining redirect & flash

Notice for Layouts

`/app/views/layouts/application.html.erb`

```
<!DOCTYPE html>
<html>
<head>
  <title>Twitter for Zombies</title>
  <%= stylesheet_link_tag :all %>
  <%= javascript_include_tag :defaults %>
  <%= csrf_meta_tag %>
</head>
<body>
  

  <%= yield %>
</body></html>
```

Notice for Layouts

`/app/views/layouts/application.html.erb`

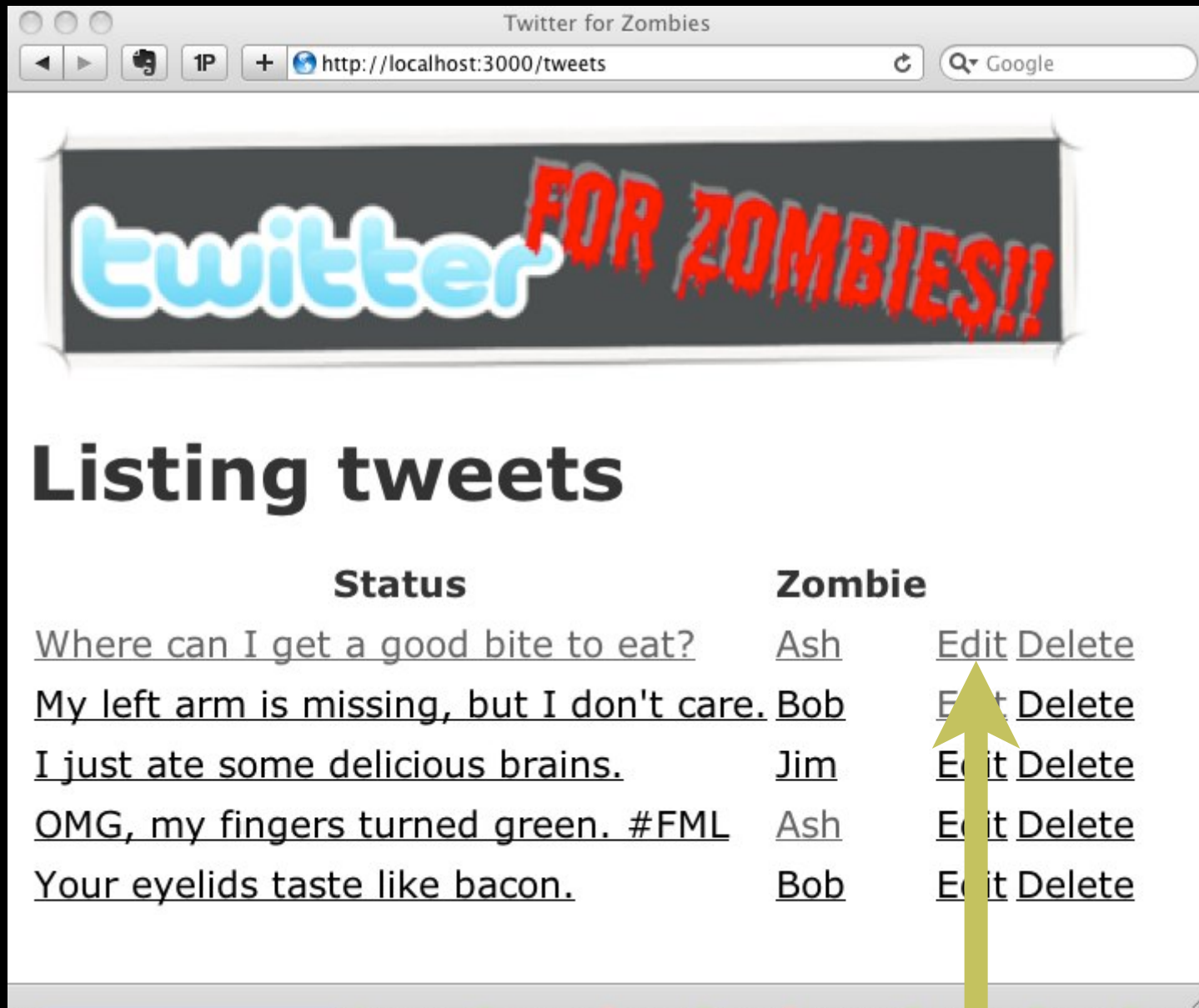
```
<!DOCTYPE html>
<html>
<head>
  <title>Twitter for Zombies</title>
  <%= stylesheet_link_tag :all %>
  <%= javascript_include_tag :defaults %>
  <%= csrf_meta_tag %>
</head>
<body>
  

  <% if flash[:notice] %>
    <div id="notice"><%= flash[:notice] %></div>
  <% end %>

  <%= yield %>

</body></html>
```

Adding some authorization



The screenshot shows a web browser window titled "Twitter for Zombies". The address bar displays "http://localhost:3000/tweets". The page features a banner with the word "twitter" in blue and "FOR ZOMBIES!!" in red, dripping blood. Below the banner, the heading "Listing tweets" is followed by a table of tweets.

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

A yellow arrow points to the "Edit" link in the second row of the table.

Adding some authorization



Twitter for Zombies

http://localhost:3000/tweets

twitter FOR ZOMBIES!!

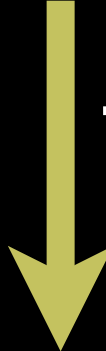
Sorry, you can't edit someone else's tweet

Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

Controller Actions

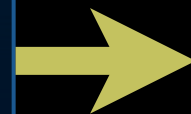
Request



/app/controllers/tweets_controller.rb

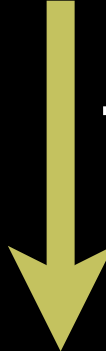
```
class TweetsController < ApplicationController
  def index    List all tweets
  def show     Show a single tweet
  def new      Show a new tweet form
  def edit     Show an edit tweet form
  def create   Create a new tweet
  def update   Update a tweet
  def destroy  Delete a tweet
end
```

View



Before Filters

Request



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
```

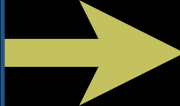
```
  def edit    Show an edit tweet form
```

```
  def update  Update a tweet
```

```
  def destroy Delete a tweet
```

```
end
```

View

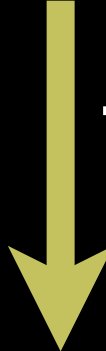


Need Authorization



Before Filters

Request



/app/controllers/tweets_controller.rb

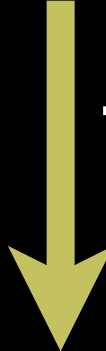
```
class TweetsController < ApplicationController
  def edit
    @tweet = Tweet.find(params[:id])
    ...
  end

  def update
    @tweet = Tweet.find(params[:id])
    ...
  end

  def destroy
    @tweet = Tweet.find(params[:id])
    ...
  end
end
```

Before Filters

Request



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  before_filter :get_tweet, :only => [:edit, :update, :destroy]

  def get_tweet
    @tweet = Tweet.find(params[:id])
  end

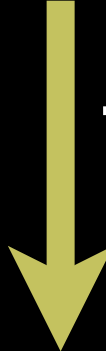
  def edit
    ...
  end

  def update
    ...
  end

  def destroy
    ...
  end
end
```

Before Filters

Request



/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  before_filter :get_tweet, :only => [:edit, :update, :destroy]
  before_filter :check_auth, :only => [:edit, :update, :destroy]

  def get_tweet
    @tweet = Tweet.find(params[:id])
  end

  def check_auth
    if session[:zombie_id] != @tweet.zombie_id
      flash[:notice] = "Sorry, you can't edit this tweet"
      redirect_to tweets_path
    end
  end

  def edit
  end

  def update
  end

  def destroy
  end
end
```

Adding some authorization



Twitter for Zombies

1P + http://localhost:3000/tweets Google

twitter FOR ZOMBIES!!

Sorry, you can't edit someone else's tweet

Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

ZOMBIE LAB 4

An Introduction to Rails

with Gregg Pollack

Episode #5

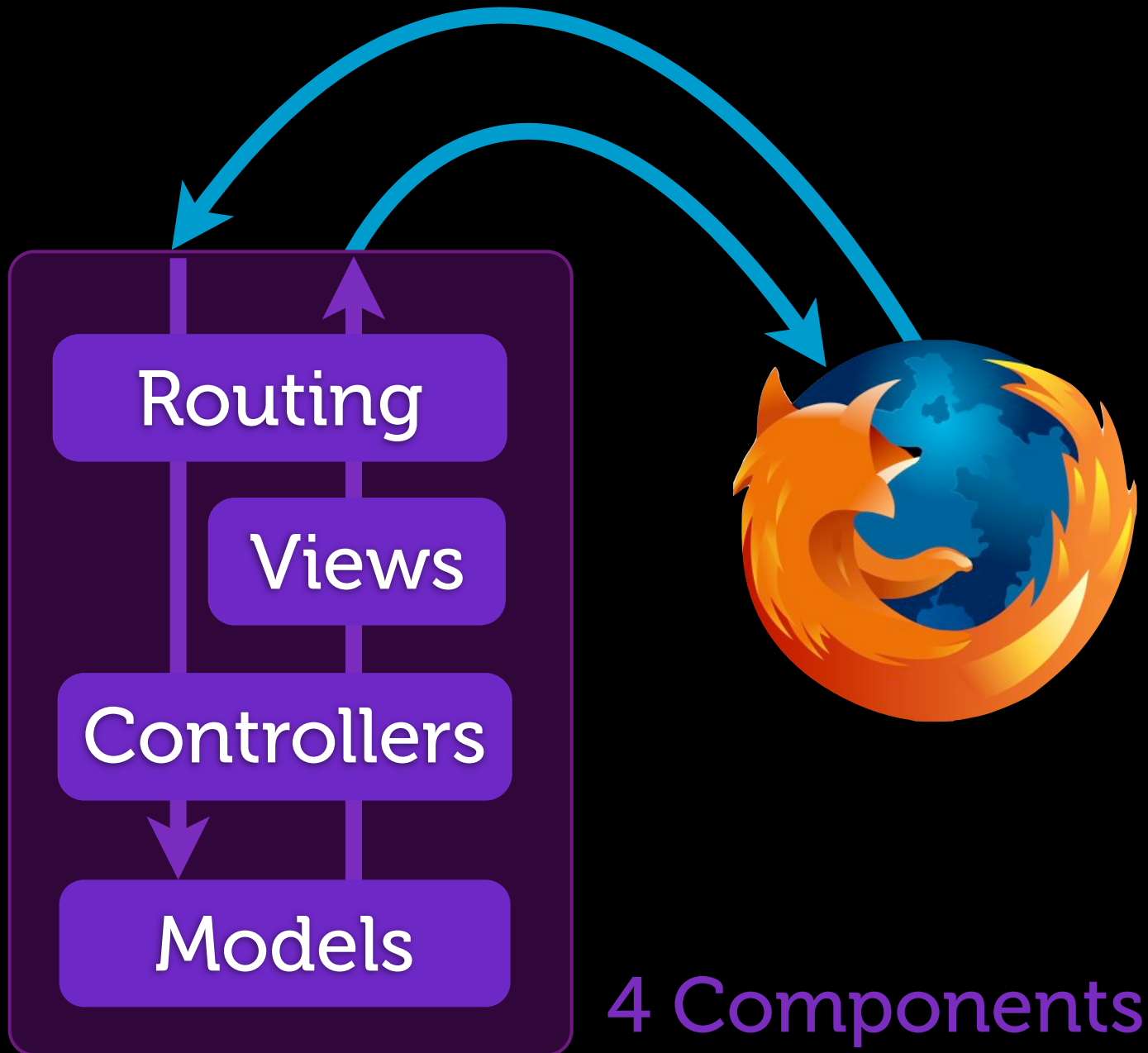


Chapter 5

Routing into darkness



Our Application Stack



In order to properly find these paths

```
<%= link_to "<link text>", <code> %>
```



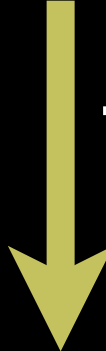
Action	Code	The URL Generated
List all tweets	<code>tweets_path</code>	<code>/tweets</code>
New tweet form	<code>new_tweet_path</code>	<code>/tweets/new</code>

`tweet = Tweet.find(1)` ← *These paths need a tweet*

Action	Code	The URL Generated
Show a tweet	<code>tweet</code>	<code>/tweets/1</code>
Edit a tweet	<code>edit_tweet_path(tweet)</code>	<code>/tweets/1/edit</code>
Delete a tweet	<code>tweet, :method => :delete</code>	<code>/tweets/1</code>

and these actions

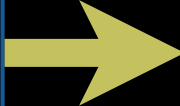
Request



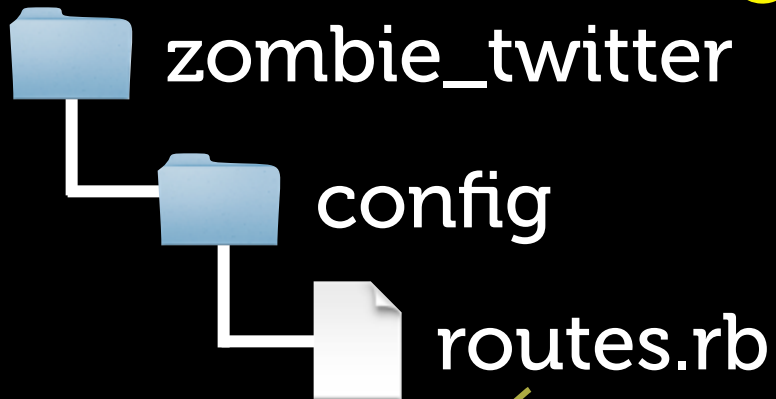
/app/controllers/tweets_controller.rb

```
class TweetsController < ApplicationController
  def index    List all tweets
  def show     Show a single tweet
  def new      Show a new tweet form
  def edit     Show an edit tweet form
  def create   Create a new tweet
  def update   Update a tweet
  def destroy  Delete a tweet
end
```

View



We need to define routes



Creates what we like to call a "REST"ful resource

```
ZombieTwitter::Application.routes.draw do |map|
  resources :tweets
end
```

Code	The URL Generated	TweetsController action
<code>tweets_path</code>	<code>/tweets</code>	<code>def index</code>
<code>tweet</code>	<code>/tweet/<id></code>	<code>def show</code>
<code>new_tweet_path</code>	<code>/tweets/new</code>	<code>def new</code>
<code>edit_tweet_path(tweet)</code>	<code>/tweets/<id>/edit</code>	<code>def edit</code>

and a few more....

Custom Routes

`http://localhost:3000/new_tweet` *render* `http://localhost:3000/tweets/new`

Controller name	Tweets
Action name	new

```
class TweetsController
  def new
    ...
  end
end
```

`/config/routes.rb`

```
ZombieTwitter::Application.routes.draw do |map|
  resources :tweets
  match 'new_tweet' => "Tweets#new"
end
```

Path

Controller

Action



1P

+

http://localhost:3000/new_tweet

twitter

FOR ZOMBIES!!

New tweet

Status

Zombie

Create Tweet

Back

Named Routes

http://localhost:3000/all *render* → http://localhost:3000/tweets

Controller name	Tweets
Action name	index

```
class TweetsController  
  def index  
    ...  
  end  
end
```

```
match 'all' => "Tweets#index"
```

```
<%= link_to "All Tweets", ? %>
```

tweets_path wouldn't work

Named Routes

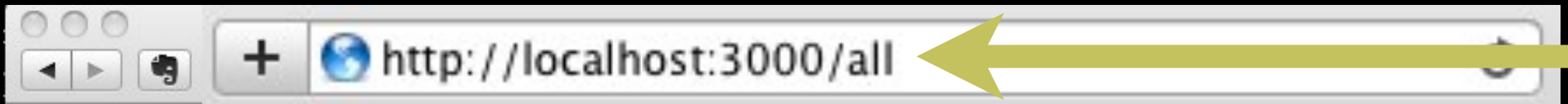
http://localhost:3000/all *render* → http://localhost:3000/tweets

Controller name	Tweets
Action name	index

```
class TweetsController
  def index
    ...
  end
end
```

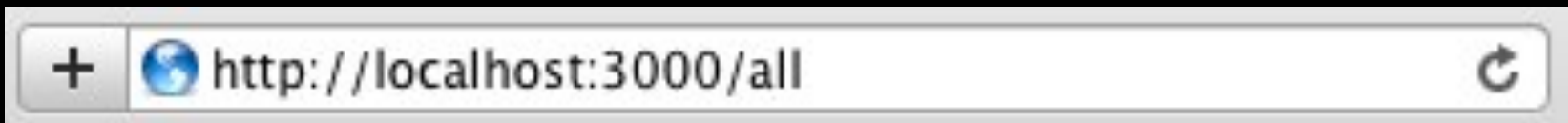
```
match 'all' => "Tweets#index", :as => "all_tweets"
```

```
<%= link_to "All Tweets", all_tweets_path %>
```

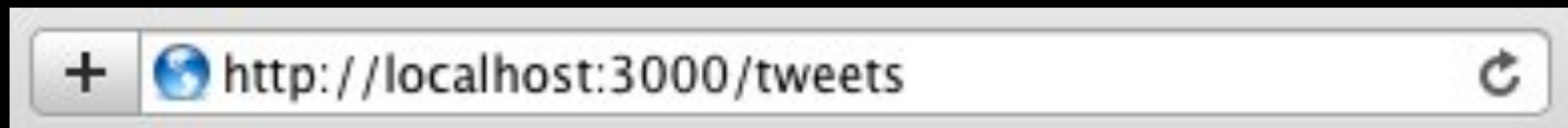


Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
<u>I just ate some delicious brains.</u>	<u>Jim</u>	<u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>



redirect to





Listing tweets

Status	Zombie	
<u>Where can I get a good bite to eat?</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>My left arm is missing, but I don't care.</u>	<u>Bob</u>	<u>Edit Delete</u>
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<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u>	<u>Edit Delete</u>
<u>Your eyelids taste like bacon.</u>	<u>Bob</u>	<u>Edit Delete</u>

Redirect

http://localhost:3000/all *redirect to* http://localhost:3000/tweets

```
match 'all' => redirect('/tweets')
```

```
match 'google' => redirect('http://www.google.com/')
```

Root Route

http://localhost:3000/ *render* → http://localhost:3000/tweets

```
root :to => "Tweets#index"
```

Controller *Action*

```
<%= link_to "All Tweets", root_path %>
```

Route Parameters

/local_tweets/32828

/local_tweets/32801

*Find all zombie tweets
in this zipcode*



/app/controllers/tweets_controller.rb

```
def index
  if params[:zipcode]
    @tweets = Tweet.where(:zipcode => params[:zipcode])
  else
    @tweets = Tweet.all
  end

  respond_to do |format|
    format.html # index.html.erb
    format.xml { render :xml => @tweets }
  end
end
```

Route Parameters

/local_tweets/32828

/local_tweets/32801

*Find all zombie tweets
in this zipcode*

`match 'local_tweets/:zipcode' => 'Tweets#index'`

referenced by `params[:zipcode]` in controller

`match 'local_tweets/:zipcode' => 'Tweets#index', :as => 'local_tweets'`

`<%= link_to "Tweets in 32828", local_tweets_path(32828) %>`



http://twitter.com/github

RSS



Google

twitter

[Home](#) [Profile](#) [Find People](#) [Settings](#) [Help](#) [Sign out](#)

github

Follow

Lists

Followed by [@joshsusser](#), [@jweiss](#), [@caike](#), and 10+ others

[@luckiestmonkey](#) those are called
kertaco huts

about 12 hours ago via Seesmic in reply to luckiestmonkey

[@TuttleTree](#) our new wikis support a variety of formats,
including markdown: <http://bit.ly/9GL1SO>

12:29 AM Aug 21st via Tweetie for Mac in reply to TuttleTree

Say hi to [@defunkt](#) at [@iosdevcamp](#) this weekend

7:52 PM Aug 18th via web

Looks like there might be some connectivity issues to the site
from some ISPs. If you can't reach us, it should be back
momentarily.

3:45 AM Aug 18th via Tweetie for Mac

GitHub Meetup SE this Thursday!

Name GitHub

Location San Francisco, CA

Web <http://github.com>Bio Social coding? Pretty
awesome.

12

following

15,358

followers

1,541

listed

Tweets

1,385

Favorites

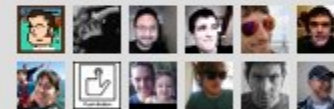
Actions

[block](#) github[report for spam](#)

You both follow



Following



More like github

[darkhelmetlive](#)

Daniel Huckstep

[Follow](#)



http://twitter.com/github

twitter

Home Profile Find People Settings Help Sign out



github

+ Follow

Lists



Followed by @joshsusser, @jweiss, @caike, and 10+ others

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Actions

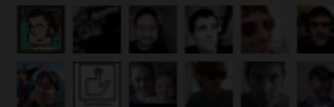
[block github](#)

[report for spam](#)

You both follow



Following



More like github



[darkhelmetlive](#)

Daniel Huckstep

[Follow](#)

Route Parameters

/github
/greggpollack
/eallam
/envylabs

*Show the tweets for
these zombies*



```
match ':name' => 'Tweets#index', :as => 'zombie_tweets'
```

```
<%= link_to "Gregg", zombie_tweets_path('greggpollack') %>
```

/app/controllers/tweets_controller.rb

```
def index
  if params[:name]
    @zombie = Zombie.where(:name => params[:name]).first
    @tweets = @zombie.tweets
  else
    @tweets = Tweet.all
  end
end
```

Twitter for Zombies

1P

+

http://localhost:3000/Ash

Google

A banner with a dark grey background and a white border. On the left, the word "twitter" is written in its characteristic blue, rounded font. To the right of "twitter", the words "FOR ZOMBIES!!" are written in a large, red, jagged, dripping font that looks like blood.

Listing tweets

Status	Zombie
<u>Where can I get a good bite to eat?</u>	<u>Ash</u> <u>Edit Delete</u>
<u>OMG, my fingers turned green. #FML</u>	<u>Ash</u> <u>Edit Delete</u>

ZOMBIE LAB 5