

HTML5 and CSS3 for Mobile Applications

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Static Pages in Rails

Objectives for today

- Start on our larger sample application
- Introduce Routes in more detail
- Introduce an application level layout

Two Lines to get started!

```
$ rails new AAA_Website
```

```
...
```

```
$ rails generate controller AaaCore index events shop  
discussion
```

```
...
```

routes.rb

```
AAAWebsite::Application.routes.draw do
```

```
  get "aaa_core/index"
```

```
  get "aaa_core/events"
```

```
  get "aaa_core/shop"
```

```
  get "aaa_core/discussion"
```

```
end
```

routes.rb

```
AAASite::Application.routes.draw do
```

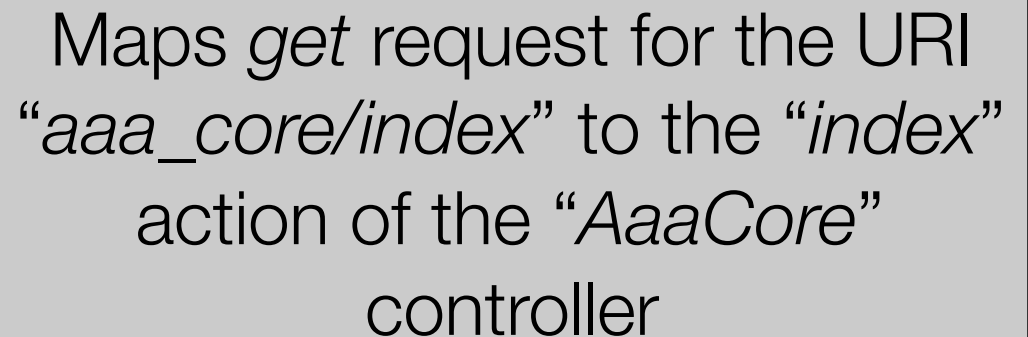
```
  get "aaa_core/index"
```

```
  get "aaa_core/events"
```

```
  get "aaa_core/shop"
```

```
  get "aaa_core/discussion"
```

```
end
```



Maps *get* request for the URI
“*aaa_core/index*” to the “*index*”
action of the “*AaaCore*”
controller

Simplify the route to the index page

- Use:

```
root :to => 'aaa_core#index'
```

- Don't forget to delete public/index.html

Rails developers use RESTful Routes
We will need to explore this further later on

Take a closer look at the index page

Take a closer look at the index page

- This is not a valid html page
- and
- Where's that title coming from?

layouts/application.html.erb

```
<!DOCTYPE html>
<html>
<head>
  <title>AAASite</title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

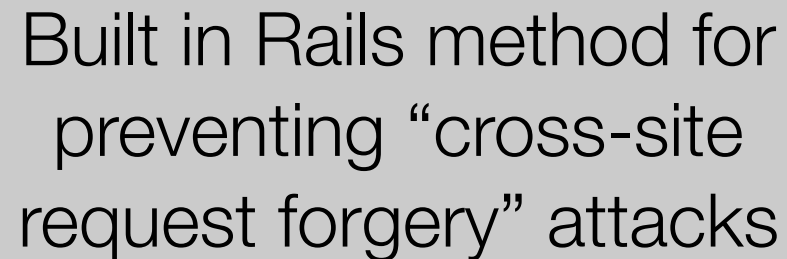
</body>
</html>
```

layouts/application.html.erb

```
<!DOCTYPE html>
<html>
<head>
  <title>AAASite</title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

</body>
</html>
```



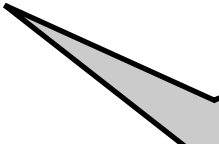
Built in Rails method for preventing “cross-site request forgery” attacks

layouts/application.html.erb

```
<!DOCTYPE html>
<html>
<head>
  <title>AAASite</title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

</body>
</html>
```



The contents of the respective view file is evaluated and inserted here

layouts/application.html.erb

```
<!DOCTYPE html>
<html>
<head>
  <title>Ashtead Allotments Association</title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

</body>
</html>
```

layouts/application.html.erb

But this title will remain the same for all its associated views

```
<!DOCTYPE html>
<html>
<head>
  <title>Ashtead Allotments Association</title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

</body>
</html>
```

helpers/application_helper.rb

```
module ApplicationHelper
  # Return a title on a per-page basis.
  def title
    base_title = "Ashtead Allotments Association"
    if @title.nil?
      base_title
    else
      "#{base_title} | #{@title}"
    end
  end
end
```

layouts/application.erb

```
<!DOCTYPE html>
<html>
<head>
  <title><%= title %></title>
  <%= stylesheet_link_tag "application" %>
  <%= javascript_include_tag "application" %>
  <%= csrf_meta_tags %>
</head>
<body>

<%= yield %>

</body>
</html>
```


What have we done today?

- We have introduced Rails Routes
- We have seen how Rails supports DRY even for a static website:
 - Use of Layout files
- We have also seen how a little Helper can make layout files customisable
- Good Practice is Built In everywhere you go in Rails!