

HTML5 and CSS3 for Mobile Applications

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Fleshing out the content

Objectives for today

- Partial's
- Links

Partials

- More DRY stuff from Rails
- Layouts capture the big picture of (sections of) your website
- Partials capture small re-usable chunks of content
- They can be used in any View file
- Parameters can be passed in to customise partials (although we won't do that today)

Conventions for partials

- they are normal .html.erb files, but the name must begin with an underscore
- if placed in the same folder as the view files for a specific controller, then a partial can be referenced by its unqualified name *by those view files*
- in all other cases, a partial must be referenced by its relative path from “views”

What we will do now

- We will create partials for the header, nav bar and footer that will be available to all our layouts
- Not a great amount of reuse here, but it shows the principle!

/layouts/_header.html.erb

<header>

<h1>Ashtead Allotments Association</h1>

<h2>Healthy Eating and Exercise preserve Life's Balance</h2>

</header>

/layouts/_header.html.erb

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<h1>Ashtead Allotments Association</h1>

<h2>Healthy Eating and Exercise preserve Life's Balance</h2>

</header>

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<header>

<h1>Ashtead Allotments Association</h1>

<h2>Healthy Eating and Exercise preserve Life's Balance</h2>

</header>

How to use a partial

`<body>`

`<%= render 'layouts/header' %>`

`<%= yield %>`

`</body>`

Let's take a look at that

Now sort out the navigation

- We are going to simplify the routes to the main pages of the website
- Then we will factor out the nav bar into a partial

Revision to routes.rb

```
1 AAAWebsite::Application.routes.draw do
2   match "/index" => "aaa_core#index", via: :get
3   match "/shop" => "aaa_core#shop", via: :get
4   match "/events" => "aaa_core#events", via: :get
5   match "/discussion" => "aaa_core#discussion", via: :get
6
7   # The priority is based upon order of creation: first created -> highest priority.
8   # See how all your routes lay out with "rake routes".
9
10  # You can have the root of your site routed with "root"
11  root 'aaa_core#index'
```

/layouts/_navigation.html.erb

```
<nav>
```

```
<ul>
```

```
<li><%= link_to "Home", root_path %></li>
```

```
<li><%= link_to "Events", events_path %></li>
```

```
<li><%= link_to "Discussion", discussion_path %></li>
```

```
<li><%= link_to "Shop", shop_path %></li>
```

```
</ul>
```

```
</nav>
```

/layouts/_navigation.html.erb

`<nav>`

``

`<%= link_to "Home", root_path %>`

`<%= link_to "Events", events_path %>`

`<%= link_to "Discussion", discussion_path %>`

`<%= link_to "Shop", shop_path %>`

``

`</nav>`

/layouts/_navigation.html.erb

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<nav>
```

```
<ul>
```

```
<li><%= link_to "Home", root_path %></li>
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```
<li><%= link_to "Events", events_path %></li>
```

```
<li><%= link_to "Discussion", discussion_path %></li>
```

```
<li><%= link_to "Shop", shop_path %></li>
```

```
</ul>
```

```
</nav>
```


and finally the footer!

/layouts/_footer.html.erb

<footer>

© <%= Time.now.year %> Ashtead Allotment's Association

</footer>

That's All for Static Pages for Now

- You have seen:
 - How to use Rails routes to simplify navigation through your static pages
 - How Rails' support for DRY helps you even on a simple website