



# Displaying location visits

Sergio Revilla  
@elrepicante

based on Martin Tschischauskas (@martynasc) slides

Imagine you want to display  
the visits of a location

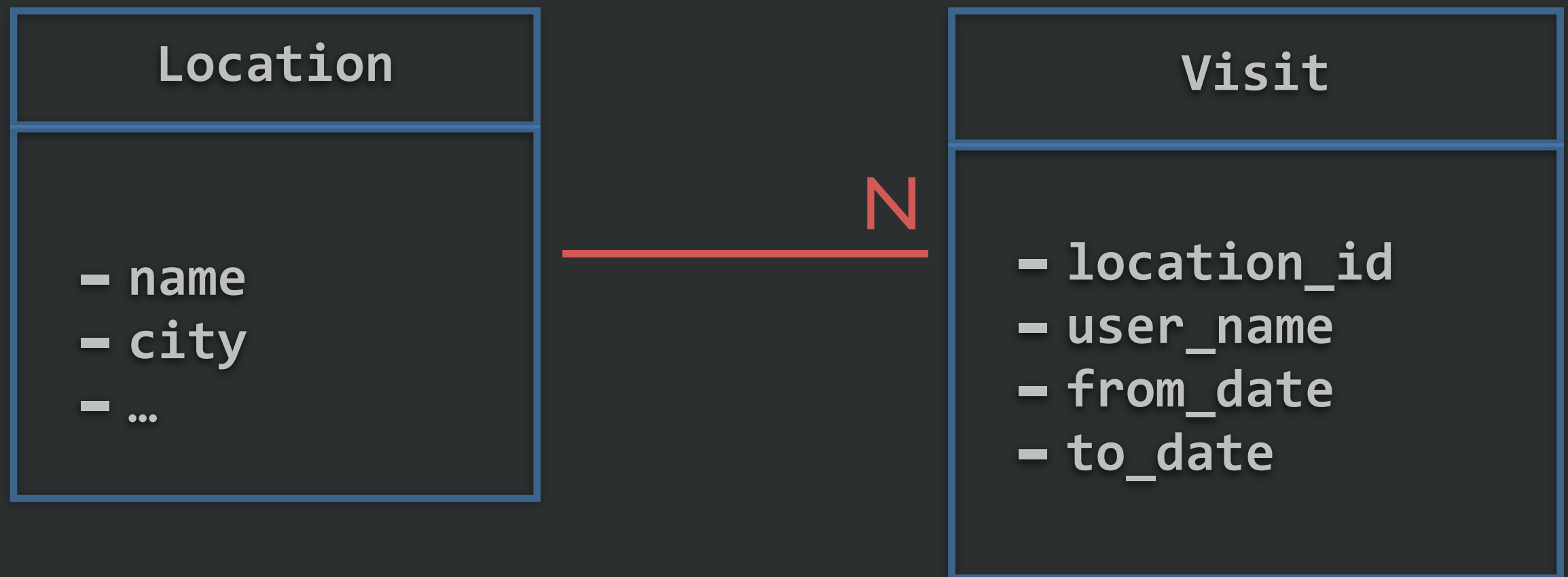
# Home - Barcelona

- Martin  
From: 2014-07-18 16:13:37 UTC  
To: 2014-07-18 17:13:37 UTC
- Martin  
From: 2014-07-19 16:13:37 UTC  
To: 2014-07-19 17:13:37 UTC
- Martin  
From: 2014-07-20 16:13:37 UTC  
To: 2014-07-20 17:13:37 UTC
- Martin  
From: 2014-07-21 16:13:37 UTC  
To: 2014-07-21 17:13:37 UTC
- Martin  
From: 2014-07-22 16:13:37 UTC  
To: 2014-07-22 17:13:37 UTC
- Martin  
From: 2014-07-23 16:13:37 UTC  
To: 2014-07-23 17:13:37 UTC
- Martin  
From: 2014-07-24 16:13:37 UTC  
To: 2014-07-24 17:13:37 UTC
- Martin  
From: 2014-07-25 16:13:37 UTC  
To: 2014-07-25 17:13:37 UTC

Imagine you want to display  
the visits of a location

How do you identify it in an  
URL?

# Model:Visit



/locations/<id>

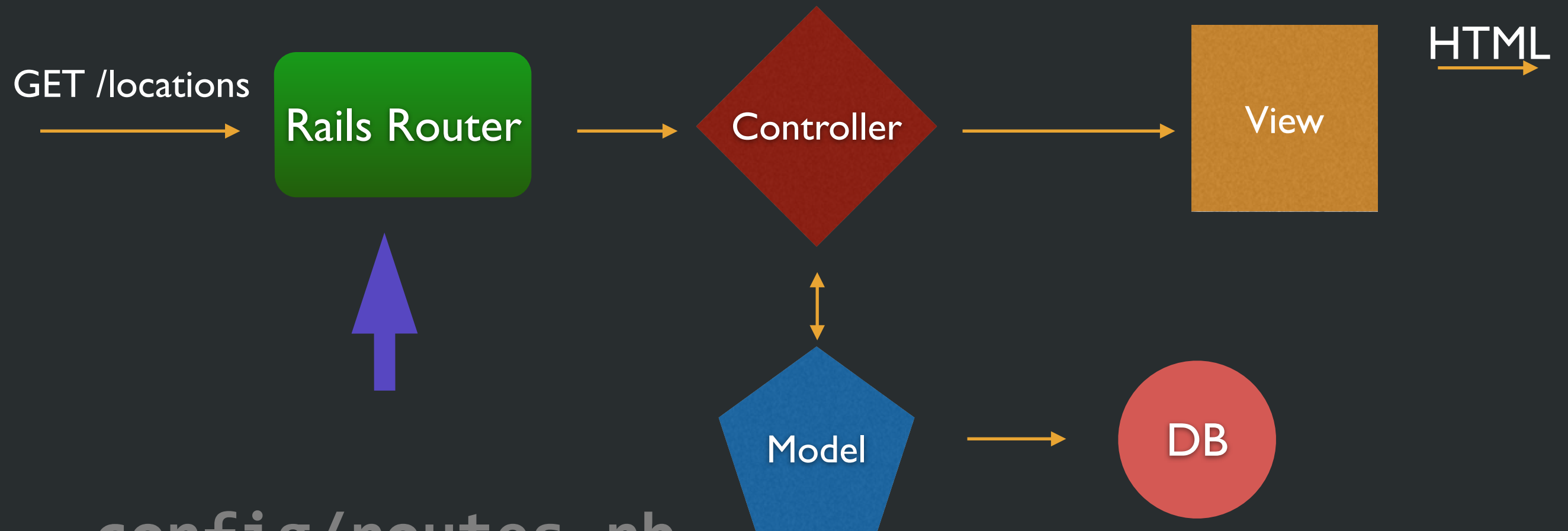


Parameter!

`/locations/<id>/visits`



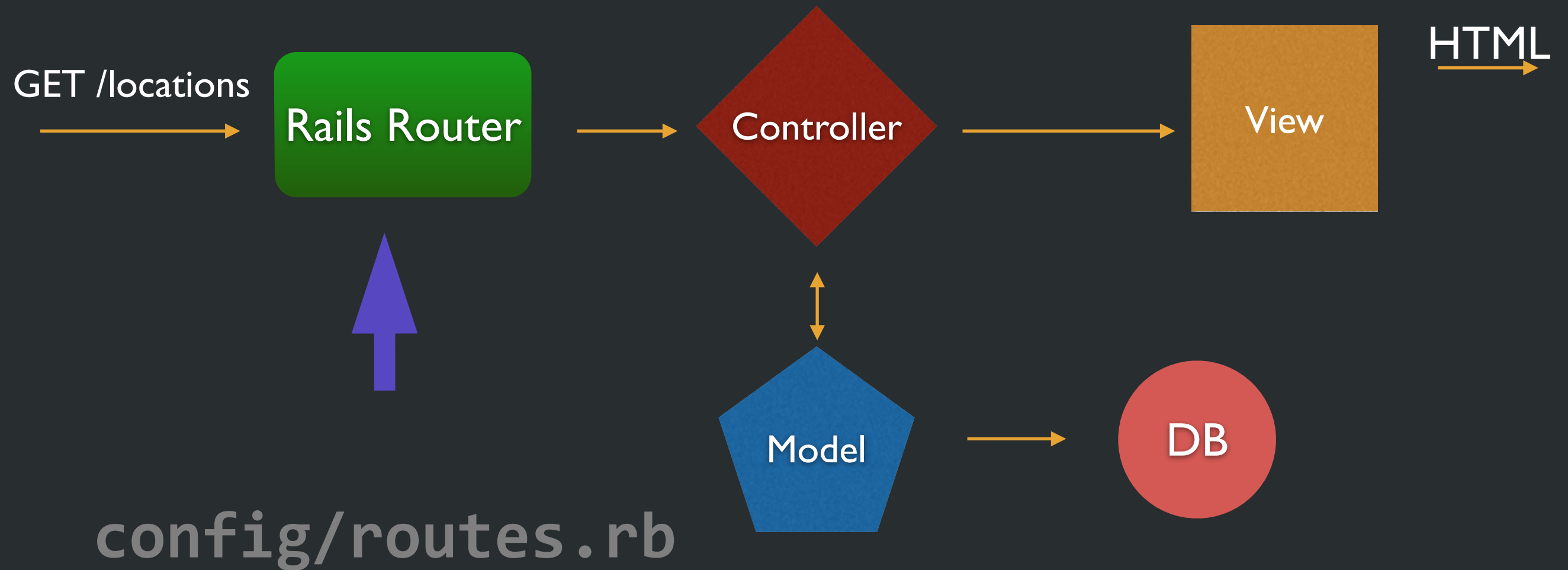
Location identifier!



`config/routes.rb`

```
Rails.application.routes.draw do
  root 'home#welcome'
  get 'locations' => 'locations#index'
  get 'locations/:id' => 'locations#show'
  get ???
end
```

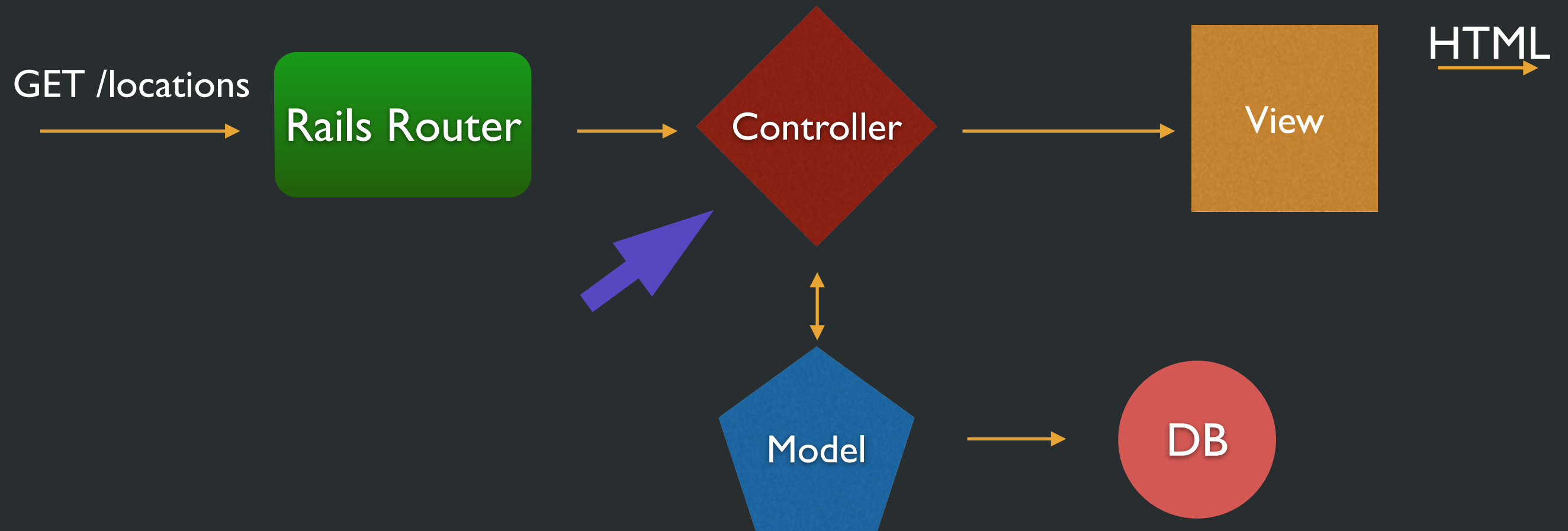




```
Rails.application.routes.draw do
  root 'home#welcome'
  get 'locations' => 'locations#index'
  get 'locations/:id' => 'locations#show'
  get 'locations/:id/visits' => 'visits#index'
  get 'locations/:id/visits/:id' => 'visits#show'
end
```

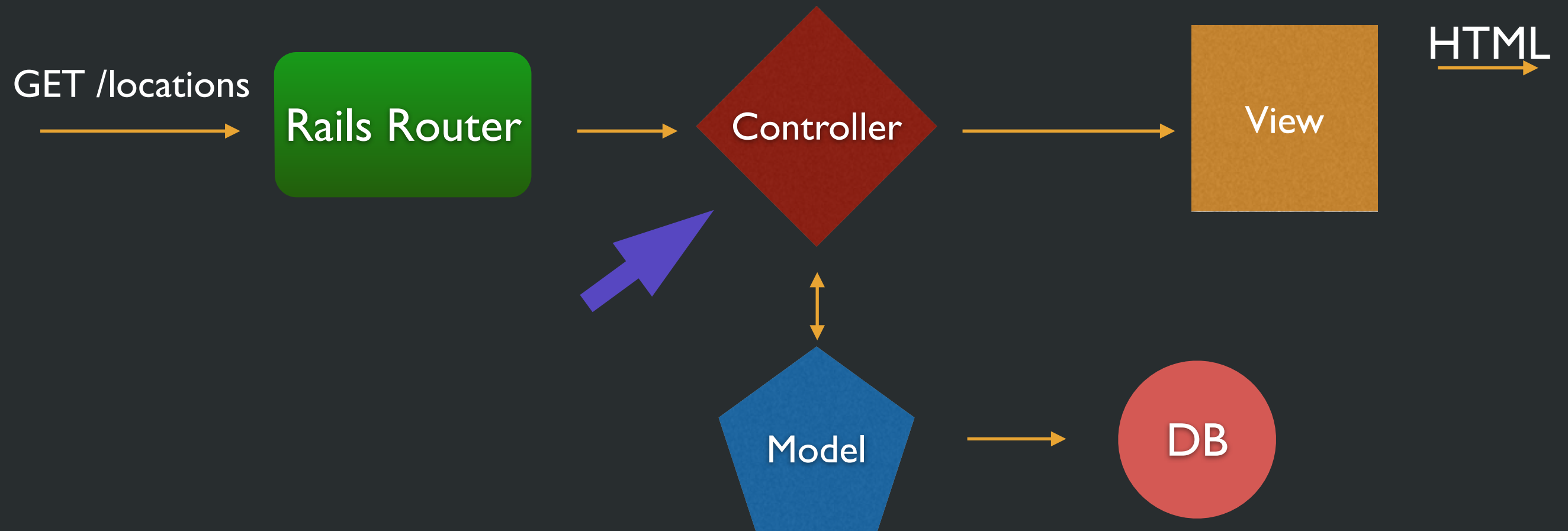
# Why a new controller?

- It's a good practice to leave controllers the CRUD responsibility of **only one** resource
- Although the path of request is in the locations resource, it's representing a nested relation



```
$ rails g controller visits
```

```
app/controllers/visits_controller.rb
```



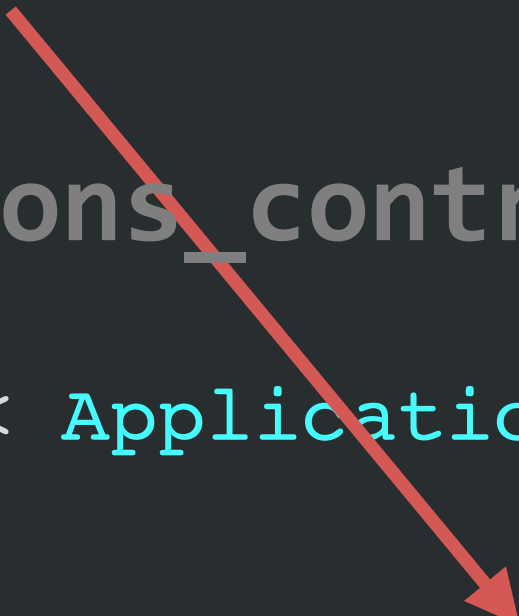
app/controllers/visits\_controller.rb

```
class VisitsController < ApplicationController
  def index
  end
end
```

# /locations/<id>/visits

app/controllers/locations\_controller.rb

```
class LocationsController < ApplicationController  
  
  def show  
    @location = Location.find(params[:id])  
  end  
end
```



## app/controllers/visits\_controller.rb

```
class VisitsController < ApplicationController
  def index
    @location = Location.find(params[:id])
    @visits = @location.visits
  end
end
```

# app/views/visits/index.html.erb

```
<h2><%= @location.name %> - <%= @location.city %></h2>
<ul>
  <% @visits.each do |visit| %>
    <li>
      <%= visit.user_name %>
      <br/>From: <%= visit.from_date %>
      <br/>To: <%= visit.to_date %>
    </li>
  <% end %>
</ul>
```

## - **LLoret de Mar**

- Martin

From: 2014-06-29 14:02:32 UTC

To: 2014-06-29 16:02:52 UTC



# Exercise #21

Update the routes and the controllers to rename the parameter of the new URL to `:location_id`

## config/routes.rb

```
Rails.application.routes.draw do
  root 'home#welcome'
  get 'locations' => 'locations#index'
  get 'locations/:id' => 'locations#show'
  get 'locations/:location_id/visits' => 'visits#index'
  get 'locations/:location_id/visits/:id' => 'visits#show'
end
```

## app/controllers/visits\_controller.rb

```
class VisitsController < ApplicationController
  def index
    @location = Location.find(params[:location_id])
    @visits = @location.visits
  end
end
```