

Routes, Controllers e Views

Dia 3



Agenda

Agenda

- Rotas
- Controllers e Actions
- Views
- Partialas
- Layouts
- Helpers

Rotas

Entendendo Rotas

- <https://guides.rubyonrails.org/routing.html>

Entendendo Rotas

- <https://guides.rubyonrails.org/routing.html>

`/config/routes.rb`

`http://localhost:3000/rails/info/routes`

Entendendo Rotas

- <https://guides.rubyonrails.org/routing.html>

`/config/routes.rb`

CRUD

- resources
- <https://guides.rubyonrails.org/routing.html#crud-verbs-and-actions>

Rotas, Controllers e Actions

Rota para uma controller/action específica

- <https://guides.rubyonrails.org/routing.html#connecting-urls-to-code>

Rotas, Controllers e Actions

Rota para uma controller/action específica

- <https://guides.rubyonrails.org/routing.html#connecting-urls-to-code>

```
get '/amigos', to: friends#index
```

Rotas, Controllers e Actions

Criando uma nova controller

```
rails g controller Welcome
```

```
rails g controller Welcome index
```

Tornando uma controller a principal da aplicação

```
root 'welcome#index'
```

Criando uma nova action para mostrar uma variável de sessão

Criar action 'informations'

Rotas, Controllers e Actions

Criando uma nova action para mostrar uma variável de sessão

Criar action 'informations'

```
def informations
  COMPANY = 'Inteligov'
  COURSE = 'Ruby on Rails, first steps'
  @info = "#{COMPANY} - #{COURSE}"
end
```

Rotas, Controllers e Actions

Criando uma nova action para mostrar uma variável de sessão

Criar action 'informations'

```
def informations
  COMPANY = 'Inteligov'
  COURSE = 'Ruby on Rails, first steps'
  @info = "#{COMPANY} - #{COURSE}"
end
```

```
get '/informations, to: welcome#informations'
```

Rotas, Controllers, Actions e **Views**

Rotas, Controllers, Actions e Views

Criando uma nova action para mostrar uma variável de sessão

Criar action 'informations'

```
COMPANY = 'Inteligov'  
COURSE = 'Ruby on Rails, first steps'
```

```
def informations  
  @info = "#{COMPANY} - #{COURSE}"  
end
```

get '/info', to: 'patients#informations'

```
views/friends/informations.html.erb  
<h1><%= @info %></h1>
```

Rotas, Controllers, Actions e Views

Criando uma nova action para mostrar uma variável de sessão

Criar action 'informations'

```
COMPANY = 'Inteligov'  
COURSE = 'Ruby on Rails, first steps'
```

```
def informations  
  @info = "#{COMPANY} - #{COURSE}"  
end
```

```
get '/info', to: 'patients#informations'
```

```
views/friends/informations.html.erb      # "Para toda action" temos uma view correspondente  
<h1><%= @info %></h1>
```

Parâmetros

Usando **parâmetros via rota...**

```
COMPANY = 'Inteligov'  
COURSE = 'Ruby on Rails, first steps'
```

```
def informations  
  @info = "#{COMPANY} - #{COURSE} - #{params[:id]}"  
end
```

```
get '/info/:id', to: 'patients#informations'
```

Usando **parâmetros via query string...**

```
http://localhost:3000/info/1234?version=456
```

```
def informations
  COMPANY = 'Inteligov'
  COURSE = 'Ruby on Rails, first steps'
  if params[:version]
    @info = "#{COMPANY} - #{COURSE} - Versão: #{params[:version]}"
  else
    @info = "#{COMPANY} - #{COURSE} - #{params[:id]}"
  end
end
```

```
get '/info/:id', to: 'patients#informations'
```

Partials

Partials

O que são partials?

- https://guides.rubyonrails.org/layouts_and_rendering.html#using-partials

Partials

O que são partials?

- https://guides.rubyonrails.org/layouts_and_rendering.html#using-partials

```
views/_menu.html.erb
```

```
<h1>Aqui ficará um menu</h1>
```

```
<%= render "menu" %>
```


Partials

O que são partials?

- https://guides.rubyonrails.org/layouts_and_rendering.html#using-partials

```
views/shared/_menu.html.erb
```

```
<h1>Aqui ficará um menu</h1>
```

```
<%= render "shared/menu" %>
```

Layouts

Layouts

O que são layouts?

- https://guides.rubyonrails.org/layouts_and_rendering.html

Layouts

O que são layouts?

- https://guides.rubyonrails.org/layouts_and_rendering.html

Adicionar um rodapé (partial) no layout

Layouts

O que são layouts?

- https://guides.rubyonrails.org/layouts_and_rendering.html

Adicionar um rodapé (partial) no layout

O que é o "yield"?

<https://brizenow.wordpress.com/2013/10/01/conceitos-na-pratica-ruby-block-yield/>

Helpers

Helpers

O que são helpers?

- https://guides.rubyonrails.org/action_view_helpers.html

Helpers

O que são helpers?

- https://guides.rubyonrails.org/action_view_helpers.html
- <https://apidock.com/>

Helpers

Criando seus próprios helpers

- <https://www.rubyguides.com/2020/01/rails-helpers/>

```
app/helpers/friend_helper.rb
  def full_info(friend)
    "Hey, friend! #{friend.name}"
  end
```