

Curso de Ruby on Rails

Raul Palacios

<https://www.youtube.com/watch?v=Nqwbp5djGtM&list=PLlddmSRJEJ0uaT5imV49pJqP8CGSqN-7E>

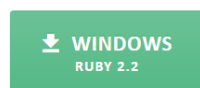
Resumo do curso feito por Roberto Pinheiro

AULA 01 A 04 - INSTALAÇÕES E CONFIGURAÇÕES

- Acessar a URL

<http://railsinstaller.org/pt-BR>

Downloads para Windows



Os pacotes incluídos são

Ruby 2.2.6

Rails 5.0

Bundler

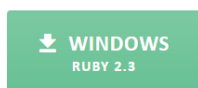
Git

SQLite

TinyTDS

Suporte do SQL Server

DevKit



Os pacotes incluídos são

Ruby 2.3.3

Rails 5.1

Bundler

Git

SQLite

TinyTDS

Suporte do SQL Server

DevKit

Downloads para Mac



Os pacotes incluídos são

Ruby 1.9.3

Rails 4.1

Bundler

Git

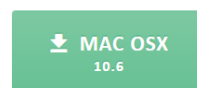
SQLite

osx-gcc-installer

JewelryBox

RVM

Framework SM



Observação: O instalador para OSX 10.6 é apenas 64 bits. Por isso provavelmente não irá funcionar em computadores 32 bits.

- Baixar e instalar “Windows Ruby 2.3”

```
C:\Users\pinhe>ruby -v
ruby 2.3.3p222 (2016-11-21 revision 56859) [i386-mingw32]

C:\Users\pinhe>rails -v
Rails 5.1.7

C:\Users\pinhe>gem -v
2.5.2

C:\Users\pinhe>
```

- Na pasta C:\Sites, entrar com o comando:

rails new community --database=mysql

```
C:\Sites>rails new community --database=mysql
create
create  README.md
create  Rakefile
create  config.ru
create  .gitignore
create  Gemfile
run  git init from "."
Initialized empty Git repository in C:/Sites/community/.git/
create  app
create  app/assets/config/manifest.js
create  app/assets/javascripts/application.js
create  app/assets/javascripts/cable.js
create  app/assets/stylesheets/application.css
create  app/channels/application_cable/channel.rb
create  app/channels/application_cable/connection.rb
create  app/controllers/application_controller.rb
create  app/helpers/application_helper.rb
create  app/jobs/application_job.rb
create  app/mailers/application_mailer.rb
create  app/models/application_record.rb
create  app/views/layouts/application.html.erb
create  app/views/layouts/mailer.html.erb
create  app/views/layouts/mailer.text.erb
create  app/assets/images/.keep
create  app/assets/javascripts/channels
create  app/assets/javascripts/channels/.keep
create  app/controllers/concerns/.keep
create  app/models/concerns/.keep
create  bin
create  bin/bundle
create  bin/rails
create  bin/rake
create  bin/setup
create  bin/update
create  bin/yarn
create  config
create  config/routes.rb
create  config/application.rb
create  config/environment.rb
create  config/secrets.yml
create  config/cable.yml
```

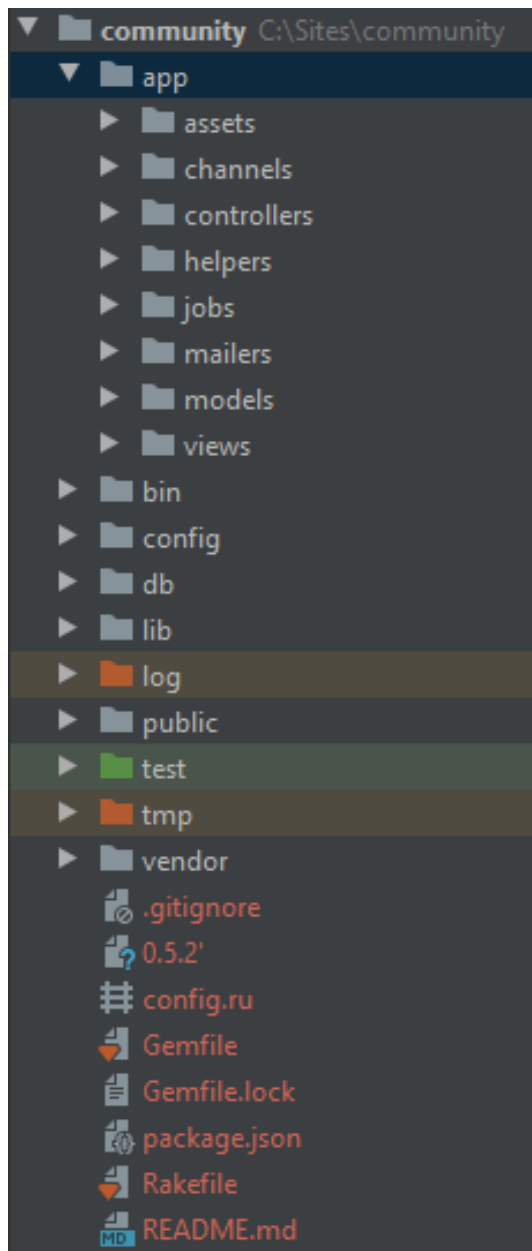
.
.
.
.
.

```
Installing mysql2 0.4.10 (x86-mingw32)
Fetching puma 3.12.1
Installing puma 3.12.1 with native extensions
Fetching rb-fsevent 0.10.3
Installing rb-fsevent 0.10.3
Fetching rubyzip 2.0.0
Installing rubyzip 2.0.0
Fetching tilt 2.0.10
Installing tilt 2.0.10
Fetching turbolinks-source 5.2.0
Installing turbolinks-source 5.2.0
Fetching childprocess 2.0.0
Installing childprocess 2.0.0 with native extensions
Fetching i18n 1.6.0
Installing i18n 1.6.0
Fetching tzinfo 1.2.5
Installing tzinfo 1.2.5
Fetching nokogiri 1.10.4 (x86-mingw32)
Installing nokogiri 1.10.4 (x86-mingw32)
Fetching rack-test 1.1.0
Installing rack-test 1.1.0
Fetching sprockets 3.7.2
Installing sprockets 3.7.2
Using websocket-driver 0.6.5
Fetching mail 2.7.1
Installing mail 2.7.1
Fetching addressable 2.7.0
Installing addressable 2.7.0
Using coffee-script 2.4.1
Fetching uglifier 4.2.0
Installing uglifier 4.2.0
Fetching rb-inotify 0.10.0
Installing rb-inotify 0.10.0
Gem::InstallError: rubyzip requires Ruby version >= 2.4.
An error occurred while installing rubyzip (2.0.0), and Bundler cannot continue.
Make sure that `gem install rubyzip -v '2.0.0'` succeeds before bundling.

In Gemfile:
  selenium-webdriver was resolved to 3.142.5, which depends on
    rubyzip
```

Será criada a pasta community com todos os arquivos.

- Usando a IDE RubyMine, abrir essa pasta:



- Acessar a URL:

<https://rubygems.org/gems/mysql2/versions/0.5.2-x64-mingw32>

mysql2 *0.5.2-x64-mingw32*

A simple, fast Mysql library for Ruby, binding to libmysql

VERSÕES:

0.5.2 - July 06, 2018 x64-mingw32
(2,25 MB)
0.5.2 - July 06, 2018 x86-mingw32
(2,14 MB)
0.5.2 - July 06, 2018 (97 KB)
0.5.2 - July 06, 2018 x86-mswin32-60
(2,14 MB)
0.5.1 - April 11, 2018 x64-mingw32
(2,25 MB)

Mostrar todas as versões (154) →

 Star 1,913

TOTAL DE DOWNLOADS

68.326.910

DESTA VERSÃO

24.481

GEMFILE:

```
gem 'mysql2', '~> 0
```

INSTALAR:

```
gem install mysql2
```

GEMFILE: `gem 'mysql2', '~> 0.5.2'`

INSTALAR: `gem install mysql2 -v 0.5.2`

- Abrir o arquivo Gemfile e fazer as seguintes alterações:

```
source 'https://rubygems.org'

git_source(:github) do |repo_name|
  repo_name = "#{repo_name}/#{repo_name}" unless repo_name.include?("/")
  "https://github.com/#{repo_name}.git"
end

# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '~> 5.1.3'
# Use mysql as the database for Active Record
# gem 'mysql2', '>= 0.3.18', '< 0.5'
gem 'mysql2', '~> 0.5.2'
# Use Puma as the app server
gem 'puma', '~> 3.7'
# Use SCSS for stylesheets
gem 'sass-rails', '~> 5.0'
# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
# See https://github.com/rails/execjs#readme for more supported runtimes
# gem 'therubyracer', platforms: :ruby

# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '~> 4.2'
# Turbolinks makes navigating your web application faster. Read more:
https://github.com/turbolinks/turbolinks
gem 'turbolinks', '~> 5'
# Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
gem 'jbuilder', '~> 2.5'
# Use Redis adapter to run Action Cable in production
# gem 'redis', '~> 3.0'
# Use ActiveModel has_secure_password
# gem 'bcrypt', '~> 3.1.7'

# Use Capistrano for deployment
# gem 'capistrano-rails', group: :development

group :development, :test do
  # Call 'byebug' anywhere in the code to stop execution and get a debugger console
  gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
  # Adds support for Capybara system testing and selenium driver
  gem 'capybara', '~> 2.13'
  # gem 'selenium-webdriver'
end
```

```
group :development do
  # Access an IRB console on exception pages or by using <%= console %> anywhere in the
  code.
  gem 'web-console', '>= 3.3.0'
end

# Windows does not include zoneinfo files, so bundle the tzinfo-data gem
gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]
```

- No terminal rodar:

gem install mysql2 -v 0.5.2

```
Successfully installed mysql2-0.5.2-x86-mingw32
Parsing documentation for mysql2-0.5.2-x86-mingw32
Installing ri documentation for mysql2-0.5.2-x86-mingw32
Done installing documentation for mysql2 after 3 seconds
1 gem installed
```

- Para atualizar as gems, entre com o seguinte comando:

bundle install

```
C:\Sites\community>bundle install
The latest bundler is 2.1.0.pre.2, but you are currently running 1.15.3.
To update, run `gem install bundler --pre`
Fetching gem metadata from https://rubygems.org/.....
Fetching version metadata from https://rubygems.org/...
Fetching dependency metadata from https://rubygems.org/..
Resolving dependencies...
Using rake 13.0.0
Using concurrent-ruby 1.1.5
Using minitest 5.12.2
Using thread_safe 0.3.6
Using builder 3.2.3
Using erubi 1.9.0
Using mini_portile2 2.4.0
Using crass 1.0.4
Using rack 2.0.7
Using nio4r 2.5.2
Using websocket-extensions 0.1.4
Using mini_mime 1.0.2
Using arel 8.0.0
Using public_suffix 4.0.1
Using bindex 0.8.1
Using bundler 1.15.3
Using byebug 11.0.1
```

```
Using actionpack 5.1.7
Using actioncable 5.1.7
Using actionmailer 5.1.7
Using railties 5.1.7
Using sprockets-rails 3.2.1
Using coffee-rails 4.2.2
Using web-console 3.7.0
Using rails 5.1.7
Using sass-rails 5.0.7
Bundle complete! 12 Gemfile dependencies, 63 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
Post-install message from mysql2:

=====

You've installed the binary version of mysql2.
It was built using MySQL Connector/C version 6.1.11.
It's recommended to use the exact same version to avoid potential issues.

At the time of building this gem, the necessary DLL files were retrieved from:
http://cdn.mysql.com/Downloads/Connector-C/mysql-connector-c-6.1.11-win32.zip

This gem *includes* vendor/libmysql.dll with redistribution notice in vendor/README.

=====
```


config/database.yml

```
# MySQL. Versions 5.1.10 and up are supported.
#
# Install the MySQL driver
# gem install mysql2
#
# Ensure the MySQL gem is defined in your Gemfile
# gem 'mysql2'
#
# And be sure to use new-style password hashing:
# http://dev.mysql.com/doc/refman/5.7/en/old-client.html
#
default: &default
  adapter: mysql2
  encoding: utf8
  pool: <%= ENV.fetch("RAILS_MAX_THREADS") { 5 } %>
  username: root
  password:
  host: localhost

development:
  <<: *default
  database: community_development

# Warning: The database defined as "test" will be erased and
# re-generated from your development database when you run "rake".
# Do not set this db to the same as development or production.
test:
  <<: *default
  database: community_test

# As with config/secrets.yml, you never want to store sensitive information,
# like your database password, in your source code. If your source code is
# ever seen by anyone, they now have access to your database.
#
# Instead, provide the password as a unix environment variable when you boot
# the app. Read http://guides.rubyonrails.org/configuring.html#configuring-a-database
# for a full rundown on how to provide these environment variables in a
# production deployment.
#
# On Heroku and other platform providers, you may have a full connection URL
# available as an environment variable. For example:
#
# DATABASE_URL="mysql2://myuser:mypass@localhost/somedatabase"
#
# You can use this database configuration with:
```

```
#  
# production:  
# url: <%= ENV['DATABASE_URL'] %>  
#  
production:  
  <<: *default  
  database: community_production  
  username: community  
  password: <%= ENV['COMMUNITY_DATABASE_PASSWORD'] %>
```

Para habilitar o servidor, entrar com o comando:

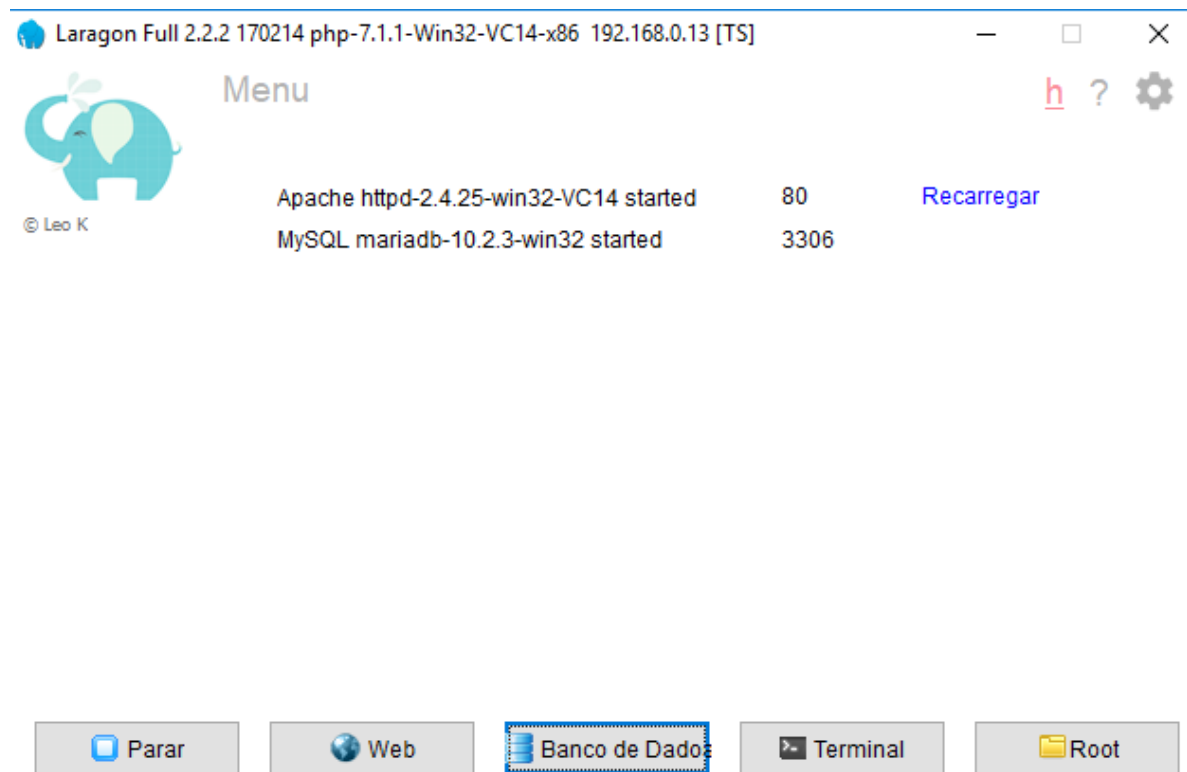
rails s



Yay! You're on Rails!



- Usando o Laragon, habilitar o servidor Apache e o MySQL



Criando o banco de dados

- No terminal, entre com o comando:

rails db:drop db:create db:migrate

```
C:\Sites\community>rails db:drop db:create db:migrate
Database 'community_development' does not exist
Database 'community_test' does not exist
Created database 'community_development'
Created database 'community_test'
```

AULA 05 A 08 – ROUTES, CONTROLLERS, VIEWS

config/routes.rb

```
Rails.application.routes.draw do
  get 'prova', to: 'prova#index'
  # For details on the DSL available within this file, see
  http://guides.rubyonrails.org/routing.html
end
```

CRIANDO O CONTROLADOR

rails g controller prova

```
C:\Sites\community>rails g controller prova
create  app/controllers/prova_controller.rb
invoke  erb
create  app/views/prova
invoke  test_unit
create  test/controllers/prova_controller_test.rb
invoke  helper
create  app/helpers/prova_helper.rb
invoke  test_unit
invoke  assets
invoke  coffee
create  app/assets/javascripts/prova.coffee
invoke  scss
create  app/assets/stylesheets/prova.scss
```

Alguns arquivos auxiliares também serão criados.

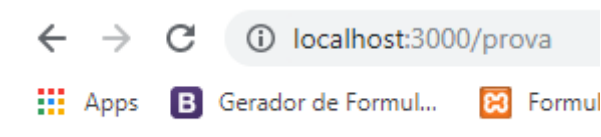
app/controllers/prova.controller.rb

```
class ProvaController < ApplicationController
  def index
    @nome = 'Roberto Pinheiro'
  end
end
```

CRIANDO A VIEW

app/views/prova/index.html.erb

```
<h2>Olá mundo!</h2>
<p>Meu nome é <%= @nome %></p>
```



Olá mundo!

Meu nome é Roberto Pinheiro

ELIMINANDO O CONTROLADOR

rails d controller prova

```
C:\Sites\community>rails d controller prova
  remove  app/controllers/prova_controller.rb
  invoke  erb
  remove  app/views/prova
  invoke  test_unit
  remove  test/controllers/prova_controller_test.rb
  invoke  helper
  remove  app/helpers/prova_helper.rb
  invoke  test_unit
  invoke  assets
  invoke  coffee
  remove  app/assets/javascripts/prova.coffee
  invoke  scss
  remove  app/assets/stylesheets/prova.scss
```

É removido o controlador e os arquivos auxiliares.

AULA 09 - ACTIVE RECORD



CARACTERÍSTICAS

- Representar modelos e dados
- Representar relações entre modelos
- Validação de modelos antes de ser persistido
- Realizar operações de base de dados de uma maneira orientada a objetos

AULA 10 – CONVENÇÕES EM MODELOS

Modelo → Singular com CamelCase

Tabela → Plural com underscores (em letras minúsculas)

Model / Class	Table / Schema
Article	articles
LineItem	line_items
Deer	deers
Mouse	mice
Person	people

Convenções em Schema

Primary keys: por default utiliza a coluna **id**

Foreign keys: <nome em singular da tabela>_id

created_at: data em que foi criado

updated_at: data da última atualização

AULA 11 – MODELS E MIGRATIONS

Usar nomes (model, tabelas, campos, etc) em inglês.

rails g model image description:string likes_counter:integer

```
C:\Sites\community>rails g model image description:string likes_counter:integer
invoke  active_record
create  db/migrate/20191002110347_create_images.rb
create  app/models/image.rb
invoke  test_unit
create  test/models/image_test.rb
create  test/fixtures/images.yml
```

MIGRATIONS

db/migrate/20191002110347_create_images.rb

```
class CreateImages < ActiveRecord::Migration[5.1]
  def change
    create_table :images do |t|
      t.string :description
      t.integer :likes_counter

      t.timestamps
    end
  end
end
```

MODEL

app/models/image.rb

```
class Image < ApplicationRecord
end
```

Criando a tabela

`rails db:drop db:create db:migrate`

```
C:\Sites\community>rails db:drop db:create db:migrate
Dropped database 'community_development'
Dropped database 'community_test'
Created database 'community_development'
Created database 'community_test'
== 20191002110347 CreateImages: migrating =====
-- create_table(:images)
   -> 0.2500s
== 20191002110347 CreateImages: migrated (0.2515s) =====
```

Laragon\community_development\images\ - HeidiSQL Portable 9.4.0.5125

Arquivo Editar Pesquisar Ferramentas Ir para... Ajuda

Servidor: localhost Banco de dados: community_developme... Tabela: images Dados Consulta

Nome: images

Comentário:

#	Nome	Tipo de dados	Tamanho/It...	Unsign...	Permitir...	Zerofill	Padrão	Comentário
1	id	BIGINT	20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREMENT	
2	description	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL	
3	likes_counter	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL	
4	created_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão	
5	updated_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão	

AULA 12 – VIEWS

CONFIGURANDO ROUTES

config/routes.rb

```
Rails.application.routes.draw do
  resources :images
end
```

Listando as rotas

rails routes

```
C:\Sites\community>rails routes

  Prefix Verb   URI Pattern               Controller#Action
  images GET    /images(.:format)         images#index
          POST   /images(.:format)         images#create
  new_image GET    /images/new(.:format)     images#new
  edit_image GET    /images/:id/edit(.:format) images#edit
  image GET    /images/:id(.:format)     images#show
          PATCH  /images/:id(.:format)     images#update
          PUT    /images/:id(.:format)     images#update
          DELETE /images/:id(.:format)     images#destroy
```

CRIANDO O CONTROLLER

O nome do controller deve ser no plural.

`rails g controller Images`

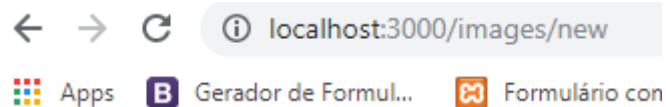
```
C:\Sites\community>rails g controller Images
create  app/controllers/images_controller.rb
invoke  erb
create  app/views/images
invoke  test_unit
create  test/controllers/images_controller_test.rb
invoke  helper
create  app/helpers/images_helper.rb
invoke  test_unit
invoke  assets
invoke  coffee
create  app/assets/javascripts/images.coffee
invoke  scss
create  app/assets/stylesheets/images.scss
```

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController
  def new
  end
end
```

app/views/images/new.html.erb

```
<p>View app/views/images/new.html.erb</p>
```



View `app/views/images/new.html.erb`

AULA 13 – CREATE IMAGE

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController

  def new
  end

  def create
    /* render plain: params[:image].inspect */
    @image = Image.new image_params
    @image.save
  end

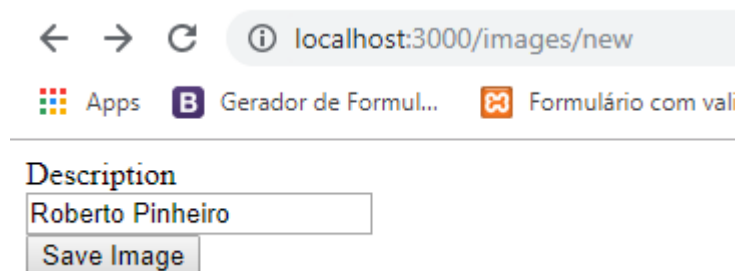
  private

  def image_params
    params.require(:image).permit(:description)
  end

end
```

app/views/images/new.html.erb

```
<%= form_for :image, url: images_path do |f| %>
  <%= f.label :description %><br>
  <%= f.text_field :description %>
  <br>
  <%= f.submit %>
<% end %>
```



← → ↻ ⓘ localhost:3000/images/new

Apps B Gerador de Formul... Formulário com vali

Description

Roberto Pinheiro

Save Image

Laragon\community_development\images\ - HeidiSQL Portable 9.4.0.5125

Arquivo Editar Pesquisar Ferramentas Ir para... Ajuda

Seja um doador do projeto HeidiSQL

Filtro de banco de dados Filtro de tabela

Servidor: localhost Banco de dados: community_development Tabela: images Dados Consulta

community_development.images: 1

id	description	likes_counter	created_at	updated_at
1	Roberto Pinheiro	(NULL)	2019-10-02 15:08:51	2019-10-02 15:08:51

community_development 48,0 KiB

- ar_internal_metadata 16,0 KiB
- images 16,0 KiB
- schema_migrations 16,0 KiB
- community_test

AULA 14 – READ IMAGE

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController

  def index
    @images = Image.all
  end

  def new
  end

  def create
    @image = Image.new image_params
    @image.save
    redirect_to @image
  end

  def show
    @image = Image.find params[:id]
  end

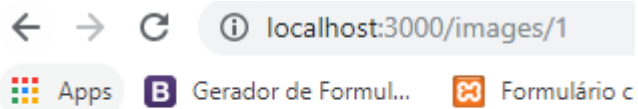
  private

  def image_params
    params.require(:image).permit(:description)
  end

end
```

app/views/images/show.html.erb

```
<%= @image.description %>
```



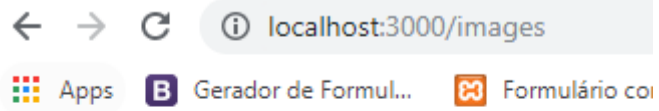
Roberto Pinheiro

app/views/images/index.html.erb

```
<%= render @images %>
```

app/views/images/_image.html.erb

```
<%= image.description %><br>
```



Roberto Pinheiro

Teste 1

Teste 2

AULA 15 – UPDATE IMAGE

app/views/images/_image.html.erb

```
<%= image.description %> <%= link_to 'Edit', edit_image_path(image) %><br>
```

app/views/images/edit.html.erb

```
<p>Editar imagem</p>
<%= render 'form'%>
```

app/views/images/new.html.erb

```
<%= render 'form'%>
```

app/views/images/_form.erb

```
<%= form_for @image do |f| %>
  <%= f.label :description %><br>
  <%= f.text_field :description %>
  <br>
  <%= f.submit %>
<% end %>
```

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController

  def index
    @images = Image.all
  end

  def new
    @image = Image.new
  end

  def create
    @image = Image.new image_params
    @image.save
    redirect_to @image
  end

  def show
    @image = Image.find params[:id]
  end

  def edit
    @image = Image.find params[:id]
  end

  def update
    @image = Image.find params[:id]
    @image.update image_params
    redirect_to @image
  end

  private

  def image_params
    params.require(:image).permit(:description)
  end

end
```


Roberto Pinheiro [Edit](#)

Teste 1 [Edit](#)

Teste 2 [Edit](#)

Teste 3 [Edit](#)

Teste 4 [Edit](#)

Outra imagem [Edit](#)

Editar imagem

Description

Teste 4

Update Image

Editar imagem

Description

Teste 4 - editado

Update Image

Teste 4 - editado

Roberto Pinheiro [Edit](#)

Teste 1 [Edit](#)

Teste 2 [Edit](#)

Teste 3 [Edit](#)

Teste 4 - editado [Edit](#)

Outra imagem [Edit](#)

AULA 16 – DELETE IMAGE

app/views/images/_image.html.erb

```
<%= image.description %>
<%= link_to 'Edit', edit_image_path(image) %>
<%= link_to 'Destroy', image, method: :delete, data: { confirm: 'sure?' } %>
<br>
```

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController
  before_action :set_image, only: [:show, :edit, :update, :destroy]

  def index
    @images = Image.all
  end

  def new
    @image = Image.new
  end

  def create
    @image = Image.new image_params
    @image.save
    redirect_to @image
  end

  def show
  end

  def edit
  end

  def update
    @image.update image_params
    redirect_to @image
  end

  def destroy
    @image.destroy
    redirect_to images_path
  end

  private

  def image_params
    params.require(:image).permit(:description)
  end

  def set_image
    @image = Image.find params[:id]
  end
end
```

Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

Teste 4 [Edit](#) [Destroy](#)

Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

Teste 4 - editado [Edit](#) [Destroy](#)

← → ↻ ⓘ localhost:3000/images

Apps Gerador de Formul... Formulário com vali... Gerador

Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

Teste 4 - editado [Edit](#) [Destroy](#)

localhost:3000 diz
sure?

OK Cancelar

Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

AULA 17 – BOOTSTRAP 4

Acesse a URL:

<https://github.com/twbs/bootstrap-rubygem>

Adicione ao arquivo **gemfile** as seguintes gemas:

```
gem 'bootstrap', '~> 4.3.1'  
gem 'popper_js', '~> 1.12', '>= 1.12.3'
```

Em seguida, no terminal, rode o comando:

bundle install

```
C:\Sites\community>bundle install  
The latest bundler is 2.1.0.pre.2, but you are currently running 1.15.3.  
To update, run `gem install bundler --pre`  
Fetching gem metadata from https://rubygems.org/.....  
Fetching version metadata from https://rubygems.org/...  
Fetching dependency metadata from https://rubygems.org/..  
Resolving dependencies...  
Using rake 13.0.0  
Using concurrent-ruby 1.1.5  
Using minitest 5.12.2  
Using thread_safe 0.3.6  
Using builder 3.2.3  
Using erubi 1.9.0  
Using mini_portile2 2.4.0  
Using crass 1.0.4  
Using rack 2.0.7  
Using nio4r 2.5.2  
Using websocket-extensions 0.1.4  
Using mini_mime 1.0.2  
Using arel 8.0.0  
Using public_suffix 4.0.1  
Using execjs 2.7.0  
Using bindindex 0.8.1  
Fetching popper_js 1.14.5  
Installing popper_js 1.14.5  
Using method_source 0.9.2
```

•
•
•

```
Using rails-dom-testing 2.0.3
Using globalid 0.4.2
Using activemodel 5.1.7
Using jbuilder 2.9.1
Using rails-html-sanitizer 1.2.0
Using capybara 2.18.0
Using sass 3.7.4
Using activejob 5.1.7
Using activerecord 5.1.7
Using actionview 5.1.7
Using actionpack 5.1.7
Using actioncable 5.1.7
Using actionmailer 5.1.7
Using railties 5.1.7
Using sprockets-rails 3.2.1
Using coffee-rails 4.2.2
Using web-console 3.7.0
Fetching sassc-rails 2.1.2
Installing sassc-rails 2.1.2
Using rails 5.1.7
Using sass-rails 5.0.7
Fetching bootstrap 4.3.1
Installing bootstrap 4.3.1
Bundle complete! 13 Gemfile dependencies, 68 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
```

```
C:\Sites\community> move C:\Sites\community\app\assets\stylesheets\application.css
C:\Sites\community\app\assets\stylesheets\application.scss
```

app\assets\stylesheets\application.scss

```
/*
 * This is a manifest file that'll be compiled into application.css, which will include all the
 * files
 * listed below.
 *
 * Any CSS and SCSS file within this directory, lib/assets/stylesheets, or any plugin's
 * vendor/assets/stylesheets directory can be referenced here using a relative path.
 *
 * You're free to add application-wide styles to this file and they'll appear at the bottom of
 * the
 * compiled file so the styles you add here take precedence over styles defined in any other
 * CSS/SCSS
 * files in this directory. Styles in this file should be added after the last require_*
 * statement.
 * It is generally better to create a new file per style scope.
 */

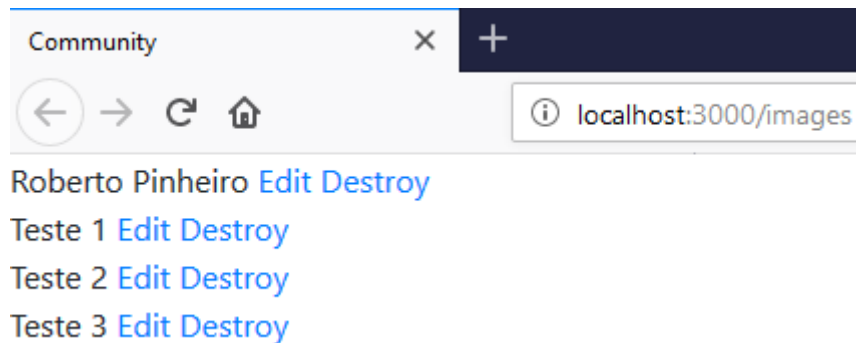
@import "bootstrap";
```

app\assets\javascripts\application.js

```
// This is a manifest file that'll be compiled into application.js, which will include all the files
// listed below.
//
// Any JavaScript/Coffee file within this directory, lib/assets/javascripts, or any plugin's
// vendor/assets/javascripts directory can be referenced here using a relative path.
//
// It's not advisable to add code directly here, but if you do, it'll appear at the bottom of the
// compiled file. JavaScript code in this file should be added after the last require_*
// statement.
//
// Read Sprockets README (https://github.com/rails/sprockets#sprockets-directives) for
// details
// about supported directives.
//
//= require rails-ujs
//= require turbolinks
//= require bootstrap-sprockets
//= require_tree .
```


Executar o comando:

rails s



app/views/images/_image.html.erb

```
<div class="col-4">
  <figure class="figure">
    
    <figcaption class="figure-caption"><%= image.description %>
      <%= link_to 'Edit', edit_image_path(image) %>
      <%= link_to 'Destroy', image, method: :delete, data: { confirm: 'sure?' } %>
    </figcaption>
  </figure>
</div>
```

app/views/images/_form.html.erb

```
<div class="form-group">
  <%= form_for @image do |f| %>
    <%= f.label :description %><br>
    <%= f.text_field :description, class: 'form-control' %>
    <br>
    <%= f.submit 'Enviar', :class => 'btn btn-primary' %>
  <% end %>
```

app/views/images/index.html.erb

```
<div class="container">
  <div class="row">
    <%= render @images %>
  </div>
</div>
```

app/views/images/new.html.erb

```
<div class="container">
  <%= render 'form'%>
</div>
```

app/views/images/edit.html.erb

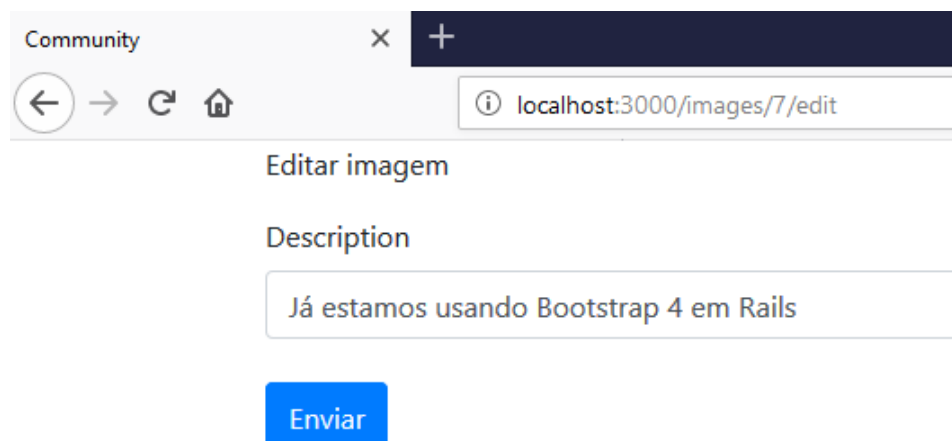
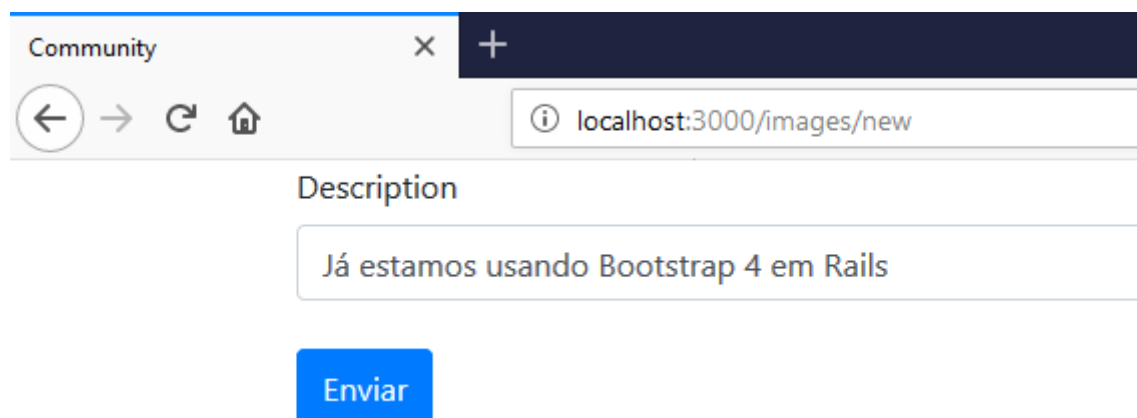
```
<div class="container">
  <p>Editar imagem</p>
  <%= render 'form'%>
</div>
```

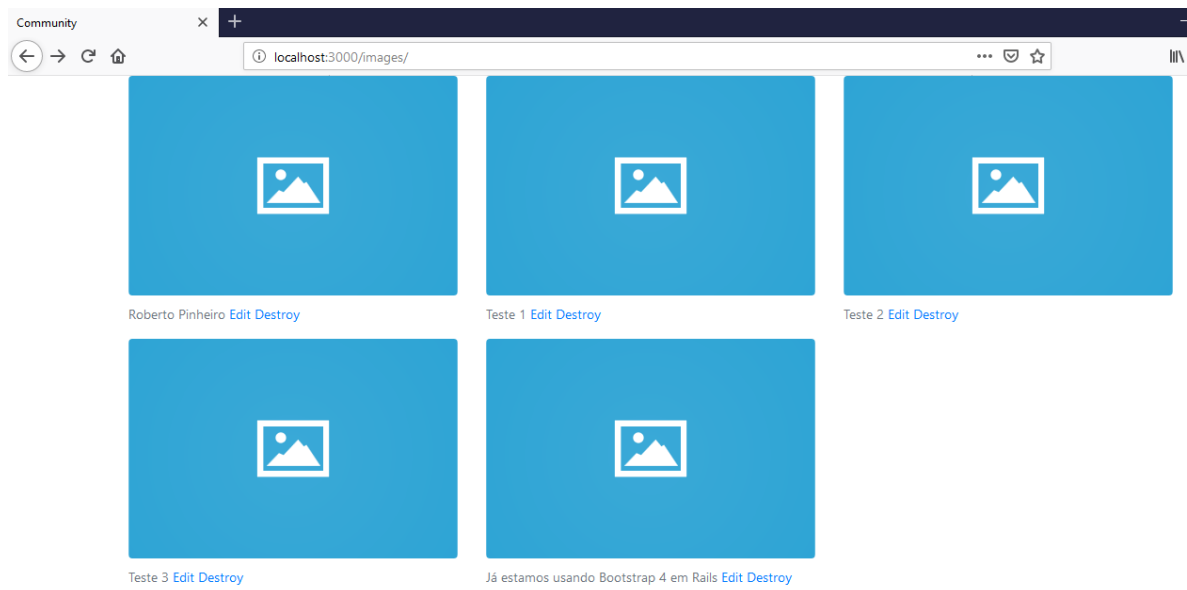
app/views/layouts/application.html.erb

```
<!DOCTYPE html>
<html>
  <head>
    <title>Community</title>
    <%= csrf_meta_tags %>

    <%= stylesheet_link_tag 'application', media: 'all', 'data-turbolinks-track': 'reload' %>
    <%= javascript_include_tag 'application', 'data-turbolinks-track': 'reload' %>
  </head>

  <body>
    <div class="container">
      <%= yield %>
    </div>
  </body>
</html>
```





Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

Já estamos usando Bootstrap 4 em Rails [Edit](#) [Destroy](#)

AULA 18 – UPLOAD DE IMAGENS

No arquivo gemfile incluir as seguintes gemas:

```
source 'https://rubygems.org'

git_source(:github) do |repo_name|
  repo_name = "#{repo_name}/#{repo_name}" unless repo_name.include?("/")
  "https://github.com/#{repo_name}.git"
end

# gem 'carrierwave'
gem 'carrierwave', '~> 2.0'
# gem 'mini_magick'
gem 'mini_magick', '~> 4.9', '>= 4.9.5'
gem 'bootstrap', '~> 4.3.1'
# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '~> 5.1.3'
# Use mysql as the database for Active Record
# gem 'mysql2', '>= 0.3.18', '< 0.5'
gem 'mysql2', '~> 0.5.2'
# Use Puma as the app server
gem 'puma', '~> 3.7'
# Use SCSS for stylesheets
gem 'sass-rails', '~> 5.0'
# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
# See https://github.com/rails/execjs#readme for more supported runtimes
# gem 'therubyracer', platforms: :ruby

# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '~> 4.2'
# Turbolinks makes navigating your web application faster. Read more:
https://github.com/turbolinks/turbolinks
gem 'turbolinks', '~> 5'
# Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
gem 'jbuilder', '~> 2.5'
# Use Redis adapter to run Action Cable in production
# gem 'redis', '~> 3.0'
# Use ActiveRecord has_secure_password
# gem 'bcrypt', '~> 3.1.7'

# Use Capistrano for deployment
# gem 'capistrano-rails', group: :development
```

```

group :development, :test do
  # Call 'byebug' anywhere in the code to stop execution and get a debugger console
  gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
  # Adds support for Capybara system testing and selenium driver
  gem 'capybara', '~> 2.13'
  # gem 'selenium-webdriver'
end

group :development do
  # Access an IRB console on exception pages or by using <%= console %> anywhere in the
  code.
  gem 'web-console', '>= 3.3.0'
end

# Windows does not include zoneinfo files, so bundle the tzinfo-data gem
gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]

```

No terminal, rode o comando:

bundle install

```

C:\Sites\community>bundle install
The latest bundler is 2.1.0.pre.2, but you are currently running 1.15.3.
To update, run `gem install bundler --pre`
Fetching gem metadata from https://rubygems.org/.....
Fetching version metadata from https://rubygems.org/...
Fetching dependency metadata from https://rubygems.org/..
Resolving dependencies...
Using rake 13.0.0
Using concurrent-ruby 1.1.5
Using minitest 5.12.2
Using thread_safe 0.3.6

```

```

Using railties 5.1.7
Using sprockets-rails 3.2.1
Using coffee-rails 4.2.2
Using web-console 3.7.0
Using sassc-rails 2.1.2
Using rails 5.1.7
Using sass-rails 5.0.7
Using bootstrap 4.3.1
Bundle complete! 15 Gemfile dependencies, 73 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.

```

CRIANDO UPLOADER

No terminal, entre com o comando:

rails g uploader Picture

```
C:\Sites\community>rails g uploader Picture
create  app/uploaders/picture_uploader.rb
```

app/uploaders/picture_uploader.rb

```
class PictureUploader < CarrierWave::Uploader::Base
  # Include RMagick or MiniMagick support:
  # include CarrierWave::RMagick
  include CarrierWave::MiniMagick

  # Choose what kind of storage to use for this uploader:
  storage :file
  # storage :fog

  # Override the directory where uploaded files will be stored.
  # This is a sensible default for uploaders that are meant to be mounted:
  def store_dir
    "uploads/#{model.class.to_s.underscore}/#{mounted_as}/#{model.id}"
  end

  # Provide a default URL as a default if there hasn't been a file uploaded:
  def default_url(*args)
    # # For Rails 3.1+ asset pipeline compatibility:
    ActionController::Base.helpers.asset_path("default.jpg")
    #
    # "/images/fallback/" + [version_name, "default.png"].compact.join('_')
  end

  # Process files as they are uploaded:
  # process scale: [200, 300]
  #
  # def scale(width, height)
  #   # do something
  # end
```

```
# Create different versions of your uploaded files:
version :thumb do
  process resize_to_fill: [250, 250]
end

version :medium do
  process resize_to_fill: [850, 850]
end

# Add a white list of extensions which are allowed to be uploaded.
# For images you might use something like this:
def extension_whitelist
  %w(jpg jpeg gif png)
end

# Override the filename of the uploaded files:
# Avoid using model.id or version_name here, see uploader/store.rb for details.
# def filename
#   "something.jpg" if original_filename
# end
end
```

app/models/image.rb

```
class Image < ApplicationRecord
  mount_uploader :picture, PictureUploader
end
```

- Copie o arquivo **default.jpg** para a pasta **app/assets/images**
- No terminal, entre com o comando:

rails g migration add_picture_to_images picture

```
C:\Sites\community>rails g migration add_picture_to_images picture
invoke  active_record
create  db/migrate/20191003172602_add_picture_to_images.rb
```


db\migrate\20191003172602_add_picture_to_images.rb

```
class AddPictureToImages < ActiveRecord::Migration[5.1]
  def change
    add_column :images, :picture, :string
  end
end
```

Atualizando a tabela **images** com o campo **picture**:

rails db:migrate

```
C:\Sites\community>rails db:migrate
== 20191003172602 AddPictureToImages: migrating =====
-- add_column(:images, :picture, :string)
   -> 1.2762s
== 20191003172602 AddPictureToImages: migrated (1.2773s) =====
```

Colunas: + Adicionar - Remover ▲ Mover para cima ▼ Mover para baixo							
#	Nome	Tipo de dados	Tamanho/It...	Unsign...	Permitir...	Zerofill	Padrão
1	id	BIGINT	20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREMENT
2	description	VARCHAR	255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NULL
3	likes_counter	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
4	created_at	DATETIME		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nenhum padrão
5	updated_at	DATETIME		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nenhum padrão
6	picture	VARCHAR	255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NULL

app/models/image.rb

```
class Image < ApplicationRecord
  mount_uploader :picture, PictureUploader
end
```

app/views/images/_image.html.erb

```
<div class="col-4">
  <figure class="figure">
    <%= image_tag image.picture.thumb.url, class: 'figure-img img-fluid rounded'%>
    <figcaption class="figure-caption"><%= image.description %>
      <%= link_to 'Edit', edit_image_path(image) %>
      <%= link_to 'Destroy', image, method: :delete, data: { confirm: 'sure?' } %>
    </figcaption>
  </figure>
</div>
```

app/views/images/show.html.erb

```
<%= image_tag @image.picture.thumb.url, class: 'figure-img img-fluid rounded'%>
<%= @image.description %>
```

app/views/images/_form.html.erb

```
<div class="form-group">
  <%= form_for @image do |f| %>
    <%= f.label :description %><br>
    <%= f.text_field :description, class: 'form-control' %>
    <br>
    <%= f.label :picture %><br>
    <%= f.file_field :picture %>
    <br><br>
    <%= f.submit 'Enviar', :class => 'btn btn-primary' %>
  <% end %>
```

- Instalar ImageMagick-7.07-11Q16-X86-dll.exe - windows10 e reiniciar o computador.

Community x +

localhost:3000/images

Roberto Pinheiro [Edit](#) [Destroy](#)

Teste 1 [Edit](#) [Destroy](#)

Teste 2 [Edit](#) [Destroy](#)

Teste 3 [Edit](#) [Destroy](#)

Já estamos usando Bootstrap 4 em Rails [Edit](#) [Destroy](#)

Teste 4 - editado [Edit](#) [Destroy](#)

community_development.images: 6 registros totais (aproximadamente)

Próximo Mostrar todos Ordem Colunas (6)

id	description	likes_counter	created_at	updated_at	picture
1	Roberto Pinheiro	(NULL)	2019-10-02 15:08:51	2019-10-04 14:28:39	thumb_310795.jpg
2	Teste 1	(NULL)	2019-10-02 15:46:19	2019-10-04 14:28:09	thumb_772374.jpg
3	Teste 2	(NULL)	2019-10-02 15:46:48	2019-10-04 14:27:37	thumb_dragon_ball_z_goku_aggression_guy_102646_38...
4	Teste 3	(NULL)	2019-10-03 03:29:49	2019-10-04 13:57:24	thumb_20638307_1888984101356467_8751415984503...
7	Já estamos usando Bootstrap 4 em Rails	(NULL)	2019-10-03 14:34:40	2019-10-04 13:34:24	thumb_super_saiyan_god_super_saiyan_vegeta_by_mo...
8	Teste 4 - editado	(NULL)	2019-10-04 04:40:19	2019-10-04 13:56:44	thumb_Super_Saiyan_God_Super_Saiyan.png

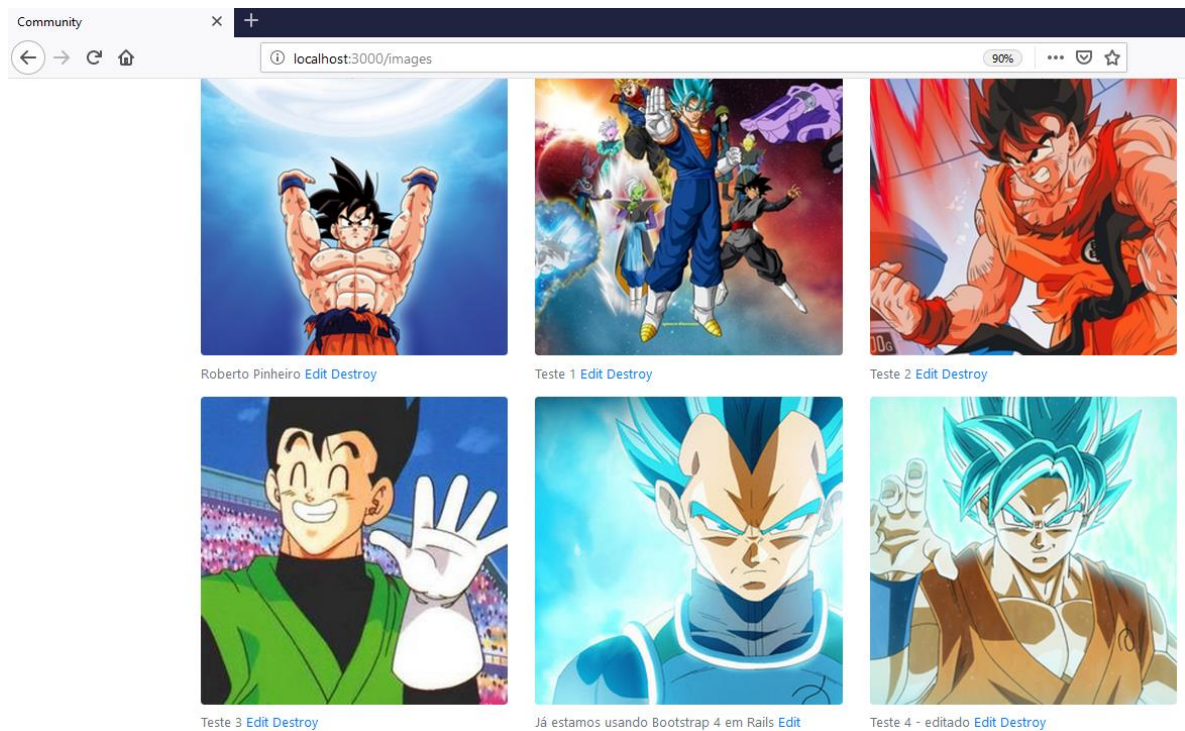
Alterando de thumb para medium

app/views/images/_image.html.erb

```
<div class="col-4">
  <figure class="figure">
    <%= image_tag image.picture.medium.url, class: 'figure-img img-fluid rounded' %>
    <figcaption class="figure-caption"><%= image.description %>
      <%= link_to 'Edit', edit_image_path(image) %>
      <%= link_to 'Destroy', image, method: :delete, data: { confirm: 'sure?' } %>
    </figcaption>
  </figure>
</div>
```

app/views/images/show.html.erb

```
<%= image_tag @image.picture.medium.url, class: 'figure-img img-fluid rounded'%>
<%= @image.description %>
```



AULA 19 – VALIDAÇÕES

app/models/image.rb

```
class Image < ApplicationRecord
  mount_uploader :picture, PictureUploader

  validates :description, presence: true
end
```

app/views/images/_form.html.erb

```
<% if @image.errors.any? %>
  <div class="alert alert-danger">
    <h4 class="alert-heading">
      Ocorreu um erro!
    </h4>
  </div>
<% end %>

<div class="form-group">
  <%= form_for @image do |f| %>
    <%= f.label :description %><br>
    <%= f.text_field :description, class: 'form-control' %>
    <% if @image.errors[:description].any? %>
      <span class="badge badge-pill badge-danger">
        <%= @image.errors[:description].first %>
      </span>
    <% end %>
    <br>
    <%= f.label :picture %><br>
    <%= f.file_field :picture %>
    <br><br>
    <%= f.submit 'Enviar', :class => 'btn btn-primary' %>
  <% end %>
end
```

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController

  before_action :set_image, only: [:show, :edit, :update, :destroy]

  def index
    @images = Image.all
  end

  def new
    @image = Image.new
  end

  def create
    @image = Image.new image_params

    if @image.save
      return redirect_to images_path
    end

    render :new
  end

  def show
  end

  def edit
  end

  def update
    @image.update image_params
    redirect_to @image
  end

  def destroy
    @image.destroy
    redirect_to images_path
  end

  private

  def image_params
    params.require(:image).permit :description, :picture
  end
end
```

```
def set_image
  @image = Image.find params[:id]
end

end
```

Ocorreu um erro!

Description

can't be blank

Picture

No file selected.

 localhost:3000/images/new

Description

Teste 5

Picture

thumb_4k-cara-delevingne-wallpaper-download.jpg



Teste 3 [Edit](#) [Destroy](#)



Já estamos usando Bootstrap 4 em Rails [Edit](#) [Destroy](#)



Teste 4 - editado [Edit](#) [Destroy](#)



Teste 5 [Edit](#) [Destroy](#)

AULA 20 – INTERNACIONALIZAÇÃO

config/initializers/time.rb

```
Rails.application.config.time_zone = 'Central Time (US & Canada)'
```

config/initializers/locale.rb

```
Rails.application.config.i18n.default_locale = :pt-BR"
```

<https://github.com/svenfuchs/rails-i18n/blob/master/rails/locale/pt-BR.yml>

config/locales/pt-BR.activerecord.yml

```
pt-BR:
  activerecord:
    models:
      image: 'Imagem'

    attributes:
      image:
        description: 'Descrição'
        picture: 'Imagem'
```

config/locales/pt-BR.views.yml

```
pt-BR:
  images:
    image:
      edit_link: 'Editar'
      remove_link: 'Eliminar'
```

app/views/images/_image.html.erb

```
<div class="col-4">
  <figure class="figure">
    <%= image_tag image.picture.medium.url, class: 'figure-img img-fluid rounded'%>
    <figcaption class="figure-caption"><%= image.description %>
      <%= link_to t('.edit_link'), edit_image_path(image) %>
      <%= link_to t('.remove_link'), image, method: :delete, data: { confirm: 'sure?' } %>
    </figcaption>
  </figure>
</div>
```

localhost:3000/images 90% ...

Ocorreu um erro!







Descrição

não pode ficar em branco

Imagem

Browse... No file selected.

Enviar

		
Roberto Pinheiro Editar Eliminar	Teste 1 Editar Eliminar	Teste 2 Editar Eliminar
		
Teste 3 Editar Eliminar	Já estamos usando Bootstrap 4 em Rails Editar Eliminar	Teste 4 - editado Editar Eliminar

AULA 21 – TUNING

lib/custom_form_builder.rb

```
class CustomFormBuilder < ActionView::Helpers::FormBuilder
  def form_error
    if self.object.errors.any?
      model_name = self.object.class.model_name.human
      plural_name = self.object.class.model_name.plural
      is_new = self.object.persisted? ? 'edit' : 'new'

      @template.content_tag :div, class: 'alert alert-danger' do
        @template.content_tag :p, l18n.t("#{plural_name}.#{is_new}.form.error", model:
model_name)
      end
    end
  end

  def field_error(attribute)
    if self.object.errors[attribute].any?
      @template.content_tag :span, self.object.errors[attribute].first, class: 'badge badge-pill
badge-danger'
    end
  end
end
```

config/application.rb

```
require_relative 'boot'

require 'rails/all'

# Require the gems listed in Gemfile, including any gems
# you've limited to :test, :development, or :production.
Bundler.require(*Rails.groups)

module Community
  class Application < Rails::Application
    # Initialize configuration defaults for originally generated Rails version.
    config.load_defaults 5.1

    # Settings in config/environments/* take precedence over those specified here.
    # Application configuration should go into files in config/initializers
    # -- all .rb files in that directory are automatically loaded.

    config.autoload_paths += %W(#{config.root}/lib)

  end
end
```

config/locales/pt-BR.views.yml

```
pt-BR:
  images:
    new:
      form:
        error: 'Ocorreu um erro ao tentar criar %{model}'
  image:
    edit_link: 'Editar'
    remove_link: 'Eliminar'
```

app/views/images/_form.html.erb

```
<div class="form-group">
  <%= form_for @image, builder: CustomFormBuilder do |f| %>
    <%= f.form_error %>

    <%= f.label :description %><br>
    <%= f.text_field :description, class: 'form-control' %>
    <%= f.field_error :description%>
    <br>
    <%= f.label :picture %><br>
    <%= f.file_field :picture %>
    <br><br>
    <%= f.submit 'Enviar', :class => 'btn btn-primary' %>
  <% end %>
</div>
```

localhost:3000/images

Ocorreu um erro ao tentar criar Imagem

Descrição

não pode ficar em branco

Imagem

Browse...

No file selected.

Enviar

AULA 22 – AUTENTICAÇÃO DE USUÁRIOS COM DEVISE

DOCUMENTAÇÃO

<https://github.com/plataformatec/devise>

gemfile

```
source 'https://rubygems.org'

git_source(:github) do |repo_name|
  repo_name = "#{repo_name}/#{repo_name}" unless repo_name.include?("/")
  "https://github.com/#{repo_name}.git"
end

# gem 'carrierwave'
gem 'carrierwave', '~> 2.0'
# gem 'mini_magick'
gem 'mini_magick', '~> 4.9', '>= 4.9.5'
gem 'bootstrap', '~> 4.3.1'
gem 'responders', '~> 2.4', '>= 2.4.1'
gem 'devise'
# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '~> 5.1.3'
# Use mysql as the database for Active Record
# gem 'mysql2', '>= 0.3.18', '< 0.5'
gem 'mysql2', '~> 0.5.2'
# Use Puma as the app server
gem 'puma', '~> 3.7'
# Use SCSS for stylesheets
gem 'sass-rails', '~> 5.0'
# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
# See https://github.com/rails/execjs#readme for more supported runtimes
# gem 'therubyracer', platforms: :ruby

# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '~> 4.2'
# Turbolinks makes navigating your web application faster. Read more:
https://github.com/turbolinks/turbolinks
gem 'turbolinks', '~> 5'
# Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
gem 'jbuilder', '~> 2.5'
# Use Redis adapter to run Action Cable in production
```

```

# gem 'redis', '~> 3.0'
# Use ActiveRecord has_secure_password
# gem 'bcrypt', '~> 3.1.7'

# Use Capistrano for deployment
# gem 'capistrano-rails', group: :development

group :development, :test do
  # Call 'byebug' anywhere in the code to stop execution and get a debugger console
  gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
  # Adds support for Capybara system testing and selenium driver
  gem 'capybara', '~> 2.13'
  # gem 'selenium-webdriver'
end

group :development do
  # Access an IRB console on exception pages or by using <%= console %> anywhere in the
  code.
  gem 'web-console', '>= 3.3.0'
end

# Windows does not include zoneinfo files, so bundle the tzinfo-data gem
gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]

```

No terminal, rode o comando:

bundle install

```

C:\Sites\community>bundle install
The latest bundler is 2.1.0.pre.2, but you are currently running 1.15.3.
To update, run `gem install bundler --pre`
Fetching gem metadata from https://rubygems.org/.....
Fetching version metadata from https://rubygems.org/...
Fetching dependency metadata from https://rubygems.org/..
Resolving dependencies...
Using rake 13.0.0
Using concurrent-ruby 1.1.5
Using minitest 5.12.2
Using thread_safe 0.3.6
Using builder 3.2.3

```

·
·
·

```
Using railties 5.1.7
Using sprockets-rails 3.2.1
Using coffee-rails 4.2.2
Using responders 2.4.1
Using web-console 3.7.0
Using sassc-rails 2.1.2
Using rails 5.1.7
Using sass-rails 5.0.7
Fetching devise 4.7.1
Installing devise 4.7.1
Using bootstrap 4.3.1
Bundle complete! 17 Gemfile dependencies, 78 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
```

rails generate devise:install

```
C:\Sites\community>rails generate devise:install
  create  config/initializers/devise.rb
  create  config/locales/devise.en.yml
=====

Some setup you must do manually if you haven't yet:

1. Ensure you have defined default url options in your environments files. Here
   is an example of default_url_options appropriate for a development environment
   in config/environments/development.rb:

   config.action_mailer.default_url_options = { host: 'localhost', port: 3000 }

   In production, :host should be set to the actual host of your application.

2. Ensure you have defined root_url to *something* in your config/routes.rb.
   For example:

   root to: "home#index"

3. Ensure you have flash messages in app/views/layouts/application.html.erb.
   For example:

   <p class="notice"><%= notice %></p>
   <p class="alert"><%= alert %></p>

4. You can copy Devise views (for customization) to your app by running:

   rails g devise:views
=====
```


config/environments/development.rb

```
Rails.application.configure do
  # Settings specified here will take precedence over those in config/application.rb.

  # In the development environment your application's code is reloaded on
  # every request. This slows down response time but is perfect for development
  # since you don't have to restart the web server when you make code changes.
  config.cache_classes = false

  # Do not eager load code on boot.
  config.eager_load = false
  config.action_mailer.default_url_options = { host: 'localhost', port: 3000 }

  # Show full error reports.
  config.consider_all_requests_local = true

  # Enable/disable caching. By default caching is disabled.
  if Rails.root.join('tmp/caching-dev.txt').exist?
    config.action_controller.perform_caching = true

    config.cache_store = :memory_store
    config.public_file_server.headers = {
      'Cache-Control' => "public, max-age=#{2.days.seconds.to_i}"
    }
  else
    config.action_controller.perform_caching = false

    config.cache_store = :null_store
  end

  # Don't care if the mailer can't send.
  config.action_mailer.raise_delivery_errors = false

  config.action_mailer.perform_caching = false

  # Print deprecation notices to the Rails logger.
  config.active_support.deprecation = :log

  # Raise an error on page load if there are pending migrations.
  config.active_record.migration_error = :page_load

  # Debug mode disables concatenation and preprocessing of assets.
  # This option may cause significant delays in view rendering with a large
  # number of complex assets.
```

```
config.assets.debug = true

# Suppress logger output for asset requests.
config.assets.quiet = true

# Raises error for missing translations
# config.action_view.raise_on_missing_translations = true

# Use an evented file watcher to asynchronously detect changes in source code,
# routes, locales, etc. This feature depends on the listen gem.
# config.file_watcher = ActiveSupport::EventedFileUpdateChecker
end
```

config/routes.rb

```
Rails.application.routes.draw do
  root to: "home#index"
  resources :images
end
```

No terminal, entre com o comando:

rails g controller home index

```
C:\Sites\community>rails g controller home index
create  app/controllers/home_controller.rb
route   get 'home/index'
invoke  erb
create  app/views/home
create  app/views/home/index.html.erb
invoke  test_unit
create  test/controllers/home_controller_test.rb
invoke  helper
create  app/helpers/home_helper.rb
invoke  test_unit
invoke  assets
invoke  coffee
create  app/assets/javascripts/home.coffee
invoke  scss
create  app/assets/stylesheets/home.scss
```

app/views/layouts/application.html.erb

```
<!DOCTYPE html>
<html>
  <head>
    <title>Community</title>
    <%= csrf_meta_tags %>

    <%= stylesheet_link_tag 'application', media: 'all', 'data-turbolinks-track': 'reload' %>
    <%= javascript_include_tag 'application', 'data-turbolinks-track': 'reload' %>
  </head>

  <body>
    <div class="container">
      <%= yield %>
      <p class="notice"><%= notice %></p>
      <p class="alert"><%= alert %></p>

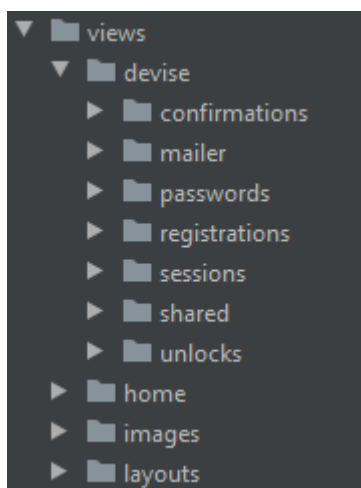
    </div>
  </body>
</html>
```

app/controllers/images_controller.rb

```
class HomeController < ApplicationController
  def index
    end
end
```

rails g devise:views

```
C:\Sites\community>rails g devise:views
  invoke  Devise::Generators::SharedViewsGenerator
  create   app/views/devise/shared
  create   app/views/devise/shared/_error_messages.html.erb
  create   app/views/devise/shared/_links.html.erb
  invoke  form_for
  create   app/views/devise/confirmations
  create   app/views/devise/confirmations/new.html.erb
  create   app/views/devise/passwords
  create   app/views/devise/passwords/edit.html.erb
  create   app/views/devise/passwords/new.html.erb
  create   app/views/devise/registrations
  create   app/views/devise/registrations/edit.html.erb
  create   app/views/devise/registrations/new.html.erb
  create   app/views/devise/sessions
  create   app/views/devise/sessions/new.html.erb
  create   app/views/devise/unlocks
  create   app/views/devise/unlocks/new.html.erb
  invoke  erb
  create   app/views/devise/mailer
  create   app/views/devise/mailer/confirmation_instructions.html.erb
  create   app/views/devise/mailer/email_changed.html.erb
  create   app/views/devise/mailer/password_change.html.erb
  create   app/views/devise/mailer/reset_password_instructions.html.erb
  create   app/views/devise/mailer/unlock_instructions.html.erb
```



rails g devise user

```
C:\Sites\community>rails g devise user
  invoke  active_record
  create   db/migrate/20191005155446_devise_create_users.rb
  create   app/models/user.rb
  invoke   test_unit
  create   test/models/user_test.rb
  create   test/fixtures/users.yml
  insert   app/models/user.rb
  route    devise_for :users
```

Cria o model e a migration.

app/models/user.rb

```
class User < ApplicationRecord
  # Include default devise modules. Others available are:
  # :confirmable, :lockable, :timeoutable, :trackable and :omniauthable
  devise :database_authenticatable, :registerable,
         :recoverable, :rememberable, :validatable
end
```

app/db/migrate/20191005155446_devise_create_users.rb

```
# frozen_string_literal: true

class DeviseCreateUsers < ActiveRecord::Migration[5.1]
  def change
    create_table :users do |t|
      ## Database authenticatable
      t.string :email, null: false, default: ""
      t.string :encrypted_password, null: false, default: ""

      ## Recoverable
      t.string :reset_password_token
      t.datetime :reset_password_sent_at

      ## Rememberable
      t.datetime :remember_created_at
    end
  end
end
```

```

## Trackable
# t.integer :sign_in_count, default: 0, null: false
# t.datetime :current_sign_in_at
# t.datetime :last_sign_in_at
# t.string :current_sign_in_ip
# t.string :last_sign_in_ip

## Confirmable
# t.string :confirmation_token
# t.datetime :confirmed_at
# t.datetime :confirmation_sent_at
# t.string :unconfirmed_email # Only if using reconfirmable

## Lockable
# t.integer :failed_attempts, default: 0, null: false # Only if lock strategy is
:failed_attempts
# t.string :unlock_token # Only if unlock strategy is :email or :both
# t.datetime :locked_at

t.string :name

t.timestamps null: false
end

add_index :users, :email, unique: true
add_index :users, :reset_password_token, unique: true
# add_index :users, :confirmation_token, unique: true
# add_index :users, :unlock_token, unique: true
end
end

```

config/routes.rb

```

Rails.application.routes.draw do
  devise_for :users
  get 'home/index'

  root to: "home#index"
  resources :images
end

```

- Criar a tabela de usuários (users)

rails db:migrate

```
C:\Sites\community>rails db:migrate
== 20191005155446 DeviseCreateUsers: migrating =====
-- create_table(:users)
   -> 0.7187s
-- add_index(:users, :email, {:unique=>true})
   -> 0.3123s
-- add_index(:users, :reset_password_token, {:unique=>true})
   -> 0.1869s
== 20191005155446 DeviseCreateUsers: migrated (1.2204s) =====
```

Colunas: ➕ Adicionar ➖ Remover ⬆ Mover para cima ⬇ Mover para baixo

#	Nome	Tipo de dados	Tamanho/Lte...	Unsign...	Permitir...	Zero fill	Padrão
1	id	BIGINT	20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREMENT
2	email	VARCHAR	255	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	encrypted_password	VARCHAR	255	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	reset_password_token	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
5	reset_password_sent_at	DATETIME		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
6	remember_created_at	DATETIME		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
7	name	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
8	created_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão
9	updated_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão

views/devise/registrations/new.html.erb

<h2>Sign up</h2>

<%= form_for(resource, as: resource_name, url: registration_path(resource_name)) do |f|
%>

<%= render "devise/shared/error_messages", resource: resource %>

<div class="field">
 <%= f.label :name %>

 <%= f.text_field :name, autofocus: true %>
</div>

<div class="field">
 <%= f.label :email %>

 <%= f.email_field :email, autofocus: true, autocomplete: "email" %>
</div>

<div class="field">
 <%= f.label :password %>
 <% if @minimum_password_length %>
 (<%= @minimum_password_length %> characters minimum)

```
<% end %><br />
<%= f.password_field :password, autocomplete: "new-password" %>
</div>

<div class="field">
  <%= f.label :password_confirmation %><br />
  <%= f.password_field :password_confirmation, autocomplete: "new-password" %>
</div>

<div class="actions">
  <%= f.submit "Sign up" %>
</div>
<% end %>

<%= render "devise/shared/links" %>
```

localhost:3000

Home#index

Find me in app/views/home/index.html.erb

localhost:3000/users/sign_up

Sign up

Name

Email

Password (6 characters minimum)

Password confirmation

Sign up

[Log in](#)

Sign up

Name

Email

Password (6 characters minimum)

Password confirmation

[Log in](#)

Senha: 1234567890

translation missing: pt-BR.devise.registrations.user.signed_up

Home#index

Find me in app/views/home/index.html.erb

AULA 23 – NAVEGAÇÃO COM DEVISE

app/views/layouts/applications.html.erb

```
<!DOCTYPE html>
<html>
  <head>
    <title>Community</title>
    <%= csrf_meta_tags %>

    <%= stylesheet_link_tag 'application', media: 'all', 'data-turbolinks-track': 'reload' %>
    <%= javascript_include_tag 'application', 'data-turbolinks-track': 'reload' %>
  </head>

  <body>

    <ul class="nav justify-content-end">
      <%- if user_signed_in? %>
        <li class="nav-item">
          <%= link_to 'Sair', destroy_user_session_path, method: :delete, class: "nav-link" %>
        </li>
      <% else %>
        <li class="nav-item">
          <%= link_to 'Iniciar ', new_user_session_path, class: "nav-link" %>
        </li>
        <li class="nav-item">
          <%= link_to 'Registrar', new_user_registration_path, class: "nav-link" %>
        </li>
      <% end %>
    </ul>

    <div class="container">
      <p class="notice"><%= notice %></p>
      <p class="alert"><%= alert %></p>
      <%= yield %>
    </div>

  </body>
</html>
```

app/views/index.html.erb

```
<% if user_signed_in? %>
  <h1>Bem-vindo <%= current_user.email %></h1>
<% else %>
  <h1>RailsGram</h1>
<% end %>
```

config/locales/devise.pt-BR.yml

```
# encoding: UTF-8
# pt-BR translations for Devise
pt-BR:
  devise:
    confirmations:
      confirmed: "Sua conta foi confirmada com sucesso. Você está logado."
      send_instructions: "Dentro de minutos, você receberá um e-mail com instruções para a
        confirmação da sua conta."
      send_paranoid_instructions: "Se o seu endereço de e-mail estiver cadastrado, você
        receberá uma mensagem com instruções para confirmação da sua conta."
    failure:
      already_authenticated: "Você já está logado."
      inactive: "Sua conta ainda não foi ativada."
      invalid: "%{authentication_keys} ou senha inválida."
      locked: "Sua conta está bloqueada."
      last_attempt: "Você tem mais uma tentativa antes de bloquear sua conta."
      not_found_in_database: "%{authentication_keys} ou senha inválida."
      timeout: "Sua sessão expirou, por favor, efetue login novamente para continuar."
      unauthenticated: "Para continuar, efetue login ou registre-se."
      unconfirmed: "Antes de continuar, confirme a sua conta."
    mailer:
      confirmation_instructions:
        subject: "Instruções de confirmação"
      reset_password_instructions:
        subject: "Instruções de troca de senha"
      unlock_instructions:
        subject: "Instruções de desbloqueio"
    omniauth_callbacks:
      failure: "Não foi possível autenticá-lo como %{kind}."
      success: "Autenticado com sucesso com uma conta de %{kind}."
    passwords:
      no_token: "Você só pode acessar essa página através de um e-mail de troca de senha. Se
        já estiver acessando por um e-mail, verifique se a URL fornecida está completa."
```

send_instructions: "Dentro de minutos, você receberá um e-mail com instruções para a troca da sua senha."

send_paranoid_instructions: "Se o seu endereço de e-mail estiver cadastrado, você receberá um link de recuperação da senha via e-mail."

updated: "Sua senha foi alterada com sucesso. Você está logado."

updated_not_active: "Sua senha foi alterada com sucesso."

registrations:

destroyed: "Sua conta foi cancelada com sucesso. Esperamos vê-lo novamente em breve."

signed_up: "Login efetuado com sucesso. Se não foi autorizado, a confirmação será enviada por e-mail."

signed_up_but_inactive: "Você foi cadastrado com sucesso. No entanto, não foi possível efetuar login, pois sua conta não foi ativada."

signed_up_but_locked: "Você foi cadastrado com sucesso. No entanto, não foi possível efetuar login, pois sua conta está bloqueada."

signed_up_but_unconfirmed: "Uma mensagem com um link de confirmação foi enviada para o seu endereço de e-mail. Por favor, abra o link para confirmar a sua conta."

update_needs_confirmation: "Você atualizou a sua conta com sucesso, mas o seu novo endereço de e-mail precisa ser confirmado. Por favor, acesse-o e clique no link de confirmação que enviamos."

updated: "Sua conta foi atualizada com sucesso."

sessions:

signed_in: "Login efetuado com sucesso!"

signed_out: "Saiu com sucesso."

already_signed_out: "Saiu com sucesso."

unlocks:

send_instructions: "Dentro de minutos, você receberá um email com instruções para o desbloqueio da sua conta."

send_paranoid_instructions: "Se sua conta existir, você receberá um e-mail com instruções para desbloqueá-la em alguns minutos."

unlocked: "Sua conta foi desbloqueada com sucesso. Efetue login para continuar."

errors:

messages:

already_confirmed: "já foi confirmado"

confirmation_period_expired: "precisa ser confirmada em até %{period}, por favor, solicite uma nova"

expired: "expirou, por favor, solicite uma nova"

not_found: "não encontrado"

not_locked: "não foi bloqueado"

not_saved:

one: "Não foi possível salvar %{resource}: 1 erro"

other: "Não foi possível salvar %{resource}: %{count} erros."

[Sair](#)

Login efetuado com sucesso!

Bem-vindo palacios.raul02@gmail.com

[Iniciar](#) [Registrar](#)

Saiu com sucesso.

RailsGram

AULA 24 – DEVISE PARAMS

app/controllers/application_controller.rb

```
class ApplicationController < ActionController::Base
  protect_from_forgery with: :exception
  before_action :configure_devise_params, if: :devise_controller?

  def configure_devise_params
    devise_parameter_sanitizer.permit(:sign_up) do |user|
      user.permit(:name, :email, :password, :password_confirmation)
    end
  end
end
```



Sign up

Name

Email

Password (6 characters minimum)

Password confirmation

[Log in](#)



Login efetuado com sucesso. Se não foi autorizado, a confirmação será enviada por e-mail.

Bem-vindo Emma

Sign up

Name

Email

Password (6 characters minimum)

Password confirmation

[Log in](#)

Login efetuado com sucesso. Se não foi autorizado, a confirmação será enviada por e-mail.

Bem-vindo Raul Palacios

AULA 25 – RELAÇÃO UM PARA MUITOS

Um usuário pode ter muitas imagens.

`rails g migration add_user_id_to_images user:references`

```
C:\Sites\community>rails g migration add_user_id_to_images user:references
invoke active_record
create db/migrate/20191005234349_add_user_id_to_images.rb
```

```
class AddUserIdToImages < ActiveRecord::Migration[5.1]
  def change
    add_reference :images, :user, foreign_key: true
  end
end
```

`rails db:migrate`

```
C:\Sites\community>rails db:migrate
== 20191005234349 AddUserIdToImages: migrating =====
-- add_reference(:images, :user, {:foreign_key=>true})
-> 1.9890s
== 20191005234349 AddUserIdToImages: migrated (1.9896s) =====
```

The screenshot shows a database management tool interface. On the left, a tree view shows the database structure with 'community_development' selected. The 'images' table is highlighted. On the right, the 'Básico' tab shows the table structure. The table has 7 columns: id, description, likes_counter, created_at, updated_at, picture, and user_id. The 'user_id' column is highlighted in green, indicating it is the primary key. Below the table structure, the data is displayed in a table with 7 rows. The first row is highlighted in blue.

#	Nome	Tipo de dados	Tamanho/lte...	Unsign...	Permitir...	Zero fill	Padrão
1	id	BIGINT	20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREMENT
2	description	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
3	likes_counter	INT	11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
4	created_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão
5	updated_at	DATETIME		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nenhum padrão
6	picture	VARCHAR	255	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL
7	user_id	BIGINT	20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL

id	description	likes_counter	created_at	updated_at	picture	user_id
1	Roberto Pinheiro	(NULL)	2019-10-02 15:08:51	2019-10-04 14:28:39	thumb_310795.jpg	(NULL)
2	Teste 1	(NULL)	2019-10-02 15:46:19	2019-10-04 14:28:09	thumb_772374.jpg	(NULL)
3	Teste 2	(NULL)	2019-10-02 15:46:48	2019-10-04 14:27:37	thumb_dragon_ball_z_goku_aggression_guy_102646_38...	(NULL)
4	Teste 3	(NULL)	2019-10-03 03:29:49	2019-10-04 13:57:24	thumb_20638307_1888984101356467_8751415984503...	(NULL)
7	Já estamos usando Bootstrap 4 em Rails	(NULL)	2019-10-03 14:34:40	2019-10-04 13:34:24	thumb_super_saiyan_god_super_saiyan_vegeta_by_mo...	(NULL)
8	Teste 4 - editado	(NULL)	2019-10-04 04:40:19	2019-10-04 13:56:44	thumb_Super_Saiyan_God_Super_Saiyan.png	(NULL)
10	Teste 5	(NULL)	2019-10-04 15:28:22	2019-10-04 15:28:22	thumb_4k-cara-delevigne-wallpaper-download.jpg	(NULL)

app/models/user.rb

```
class User < ApplicationRecord
  # Include default devise modules. Others available are:
  # :confirmable, :lockable, :timeoutable, :trackable and :omniauthable
  devise :database_authenticatable, :registerable,
         :recoverable, :rememberable, :validatable
  has_many :images
end
```

app/models/image.rb

```
class Image < ApplicationRecord
  mount_uploader :picture, PictureUploader
  validates :description, presence: true
  belongs_to :user
end
```

app/controllers/images_controller.rb

```
class ImagesController < ApplicationController

  before_action :set_image, only: [:show, :edit, :update, :destroy]

  def index
    @images = Image.where user_id: current_user.id
  end

  def new
    @image = Image.new
  end

  def create
    @image = current_user.images.new image_params

    if @image.save
      return redirect_to images_path
    end

    render :new
  end
end
```

```

def show
end

def edit
end

def update
  @image.update image_params
  redirect_to @image
end

def destroy
  @image.destroy
  redirect_to images_path
end

private

def image_params
  params.require(:image).permit :description, :picture
end

def set_image
  @image = Image.find params[:id]
end

end

```

Cadastrando 3 imagens para Raul Palacios:



[Sair](#)



Golf R-400 [Editar](#) [Eliminar](#)



Golf MK7 [Editar](#) [Eliminar](#)



Golf R400-2 [Editar](#) [Eliminar](#)

Cadastrando 1 imagem para Emma:



Sair



Camaro [Editar](#) [Eliminar](#)

community_development.images: 11 registros totais (aproximadamente)

🔍 id	description	likes_counter	created_at	updated_at	picture	👤 user_id
1	Roberto Pinheiro	(NULL)	2019-10-02 15:08:51	2019-10-04 14:28:39	thumb_310795.jpg	(NULL)
2	Teste 1	(NULL)	2019-10-02 15:46:19	2019-10-04 14:28:09	thumb_772374.jpg	(NULL)
3	Teste 2	(NULL)	2019-10-02 15:46:48	2019-10-04 14:27:37	thumb_dragon_ball_z_goku_aggression_guy_102646_38...	(NULL)
4	Teste 3	(NULL)	2019-10-03 03:29:49	2019-10-04 13:57:24	thumb_20638307_1888984101356467_8751415984503...	(NULL)
7	Já estamos usando Bootstrap 4 em Rails	(NULL)	2019-10-03 14:34:40	2019-10-04 13:34:24	thumb_super_saiyan_god_super_saiyan_vegeta_by_mo...	(NULL)
8	Teste 4 - editado	(NULL)	2019-10-04 04:40:19	2019-10-04 13:56:44	thumb_Super_Saiyan_God_Super_Saiyan.png	(NULL)
10	Teste 5	(NULL)	2019-10-04 15:28:22	2019-10-04 15:28:22	thumb_4k-cara-delevingne-wallpaper-download.jpg	(NULL)
11	Golf R-400	(NULL)	2019-10-06 00:14:06	2019-10-06 00:14:06	thumb_003-volkswagen-golf-r-400-concept-1.jpg	3
12	Golf MK7	(NULL)	2019-10-06 00:15:41	2019-10-06 00:15:41	thumb_golf_mk7_by_bitfabio-d7enlvj.png	3
13	Golf R400-2	(NULL)	2019-10-06 00:16:35	2019-10-06 00:16:35	thumb_Golf-R400-2.jpeg	3
14	Camaro	(NULL)	2019-10-06 00:19:11	2019-10-06 00:19:11	thumb_2015-Chevrolet-Camaro 1LE-0241409867051.jpg	2

AULA 26 – INSTALAÇÃO DE TERCEIROS

OUTRA FORMA DE INSTALAR BOOTSTRAP 4

gemfile

```
source 'https://rubygems.org'

git_source(:github) do |repo_name|
  repo_name = "#{repo_name}/#{repo_name}" unless repo_name.include?("/")
  "https://github.com/#{repo_name}.git"
end

# gem 'carrierwave'
gem 'carrierwave', '~> 2.0'
# gem 'mini_magick'
gem 'mini_magick', '~> 4.9', '>= 4.9.5'
gem 'bootstrap', '~> 4.3.1'
gem 'popper_js', '~> 1.12', '>= 1.12.3'
gem 'responders', '~> 2.4', '>= 2.4.1'
gem 'devise'
# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '~> 5.1.3'
# Use mysql as the database for Active Record
# gem 'mysql2', '>= 0.3.18', '< 0.5'
gem 'mysql2', '~> 0.5.2'
# Use Puma as the app server
gem 'puma', '~> 3.7'
# Use SCSS for stylesheets
gem 'sass-rails', '~> 5.0'
# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
# See https://github.com/rails/execjs#readme for more supported runtimes
# gem 'therubyracer', platforms: :ruby

# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '~> 4.2'
# Turbolinks makes navigating your web application faster. Read more:
https://github.com/turbolinks/turbolinks
gem 'turbolinks', '~> 5'
# Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
gem 'jbuilder', '~> 2.5'
# Use Redis adapter to run Action Cable in production
# gem 'redis', '~> 3.0'
```

```

# Use ActiveSupport has_secure_password
# gem 'bcrypt', '~> 3.1.7'

# Use Capistrano for deployment
# gem 'capistrano-rails', group: :development

group :development, :test do
  # Call 'byebug' anywhere in the code to stop execution and get a debugger console
  gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
  # Adds support for Capybara system testing and selenium driver
  gem 'capybara', '~> 2.13'
  # gem 'selenium-webdriver'
end

group :development do
  # Access an IRB console on exception pages or by using <%= console %> anywhere in the
  # code.
  gem 'web-console', '>= 3.3.0'
end

# Windows does not include zoneinfo files, so bundle the tzinfo-data gem
gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]

```

bundle install

app/assets/javascripts/application.js

```

// This is a manifest file that'll be compiled into application.js, which will include all the files
// listed below.
//
// Any JavaScript/Coffee file within this directory, lib/assets/javascripts,
// vendor/assets/javascripts,
// or any plugin's vendor/assets/javascripts directory can be referenced here using a
// relative path.
//
// It's not advisable to add code directly here, but if you do, it'll appear at the bottom of the
// compiled file. JavaScript code in this file should be added after the last require_*
// statement.
//
// Read Sprockets README (https://github.com/rails/sprockets#sprockets-directives) for
// details
// about supported directives.
//

```

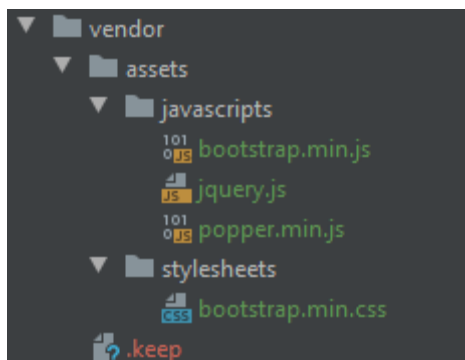
```
//= require jquery
//= require popper.min
//= require bootstrap.min
//= require turbolinks
//= require_tree .
```

app/assets/stylesheets/application.js

```
/*
 * This is a manifest file that'll be compiled into application.css, which will include all the
 * files
 * listed below.
 *
 * Any CSS and SCSS file within this directory, lib/assets/stylesheets, or any plugin's
 * vendor/assets/stylesheets directory can be referenced here using a relative path.
 *
 * You're free to add application-wide styles to this file and they'll appear at the bottom of
 * the
 * compiled file so the styles you add here take precedence over styles defined in any other
 * CSS/SCSS
 * files in this directory. Styles in this file should be added after the last require_*
 * statement.
 * It is generally better to create a new file per style scope.
 *
 *= require bootstrap.min
 *= require_tree
 *= require_self.
 */

@import "bootstrap";
```

- Dentro da pasta vendor, inserir os seguintes arquivos:



AULA 27 – MODIFICANDO HOME

app/views/home/index.html.erb

```
<% if user_signed_in? %>
<div class="row">
  <div class="col-4">
  </div>
  <div class="col-8">
    <h1><%= current_user.name %> </h1>
    <div>
      <ul class="nav">
        <li class="margin-right">
          <p><strong><%= @images.count %></strong> publicações</p>
        </li>
        <li class="margin-right">
          <p><strong>300</strong> seguidores</p>
        </li>
        <li class="margin-right">
          <p><strong>250</strong> seguidos</p>
        </li>
      </ul>
    </div>
  </div>
</div>
<div class="row" id="images">
  <%= render @images %>
</div>
<% else %>
  <h1>RailsGram</h1>
<% end %>
```

app/controllers/home_controller.erb

```
class HomeController < ApplicationController
  def index
    if user_signed_in?
      @images = Image.order(id: :desc).where user_id: current_user.id
    end
  end
end
```

app/assets/stylesheets/home.scss

```
// Place all the styles related to the home controller here.  
// They will automatically be included in application.css.  
// You can use Sass (SCSS) here: http://sass-lang.com/
```


```
.margin-right {  
  margin-right: 10px;  
}
```

localhost:3000


80% ...

Raul Palacios


10 publicações 300 seguidores 250 seguidos




Golf R400-2 [Editar](#) [Eliminar](#)




Golf MK7 [Editar](#) [Eliminar](#)




Golf R-400 [Editar](#) [Eliminar](#)




Teste 5 [Editar](#) [Eliminar](#)





Teste 4 - editado [Editar](#) [Eliminar](#)



Já estamos usando Bootstrap 4 em Rails [Editar](#) [Eliminar](#)







AULA 28 – PAGINAÇÃO

gemfile

```
source 'https://rubygems.org'

git_source(:github) do |repo_name|
  repo_name = "#{repo_name}/#{repo_name}" unless repo_name.include?("/")
  "https://github.com/#{repo_name}.git"
end

# gem 'carrierwave'
gem 'carrierwave', '~> 2.0'
# gem 'mini_magick'
gem 'mini_magick', '~> 4.9', '>= 4.9.5'
gem 'responders', '~> 2.4', '>= 2.4.1'
gem 'devise'
gem 'will_paginate', '~> 3.1.0'
# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '~> 5.1.3'
# Use mysql as the database for Active Record
# gem 'mysql2', '>= 0.3.18', '< 0.5'
gem 'mysql2', '~> 0.5.2'
# Use Puma as the app server
gem 'puma', '~> 3.7'
# Use SCSS for stylesheets
gem 'sass-rails', '~> 5.0'
# Use Uglifier as compressor for JavaScript assets
gem 'uglifier', '>= 1.3.0'
# See https://github.com/rails/execjs#readme for more supported runtimes
# gem 'therubyracer', platforms: :ruby

# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '~> 4.2'
# Turbolinks makes navigating your web application faster. Read more:
https://github.com/turbolinks/turbolinks
gem 'turbolinks', '~> 5'
# Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
gem 'jbuilder', '~> 2.5'
# Use Redis adapter to run Action Cable in production
# gem 'redis', '~> 3.0'
# Use ActiveSupport's has_secure_password
# gem 'bcrypt', '~> 3.1.7'

# Use Capistrano for deployment
```

```
# gem 'capistrano-rails', group: :development

group :development, :test do
  # Call 'byebug' anywhere in the code to stop execution and get a debugger console
  gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
  # Adds support for Capybara system testing and selenium driver
  gem 'capybara', '~> 2.13'
  # gem 'selenium-webdriver'
end

group :development do
  # Access an IRB console on exception pages or by using <%= console %> anywhere in the
  code.
  gem 'web-console', '>= 3.3.0'
end

# Windows does not include zoneinfo files, so bundle the tzinfo-data gem
gem 'tzinfo-data', platforms: [:mingw, :mswin, :x64_mingw, :jruby]
```

bundle install

app/controllers/home_controller.rb

```
class HomeController < ApplicationController
  def index
    if user_signed_in?
      @images = Image.paginate(page: params[:page], per_page: 9)
                        .order(id: :desc)
                        .where user_id: current_user.id
    end
  end
end
```

app/views/home/index.html.erb

```
<% if user_signed_in? %>

<div class="row">
  <div class="col-4">

  </div>
  <div class="col-8">
    <h1><%= current_user.name %> </h1>
    <div>
      <ul class="nav">
        <li class="margin-right">
          <p><strong><%= @images.count %></strong> publicações</p>
        </li>
        <li class="margin-right">
          <p><strong>300</strong> seguidores</p>
        </li>
        <li class="margin-right">
          <p><strong>250</strong> seguidos</p>
        </li>

      </ul>
    </div>
  </div>
</div>
<div class="row" id="images">
  <%= render @images %>
</div>
<%= will_paginate @images %>
<% else %>
  <h1>RailsGram</h1>
<% end %>
```



Mustang [Editar](#) [Eliminar](#)



Teste 11 [Editar](#) [Eliminar](#)



Teste 10 [Editar](#) [Eliminar](#)



Teste 9 [Editar](#) [Eliminar](#)



Camaro preto [Editar](#) [Eliminar](#)



Camaro Hot Wheels [Editar](#) [Eliminar](#)



Teste 8 [Editar](#) [Eliminar](#)



Teste 7 [Editar](#) [Eliminar](#)



Dragon Ball - Goku [Editar](#) [Eliminar](#)

[Previous Label](#) [123](#) [Next Label](#)

AULA 29 – PAGINAÇÃO AJAX

app/assets/javascripts/home.coffee

```
# Place all the behaviors and hooks related to the matching controller here.
# All this logic will automatically be available in application.js.
# You can use CoffeeScript in this file: http://coffeescript.org/
jQuery ->
  if $('.pagination').length
    $(window).scroll ->
      url = $('.pagination .next_page').attr('href')
      if url && $(window).scrollTop() > $(document).height() - $(window).height() - 50
        $('.pagination').text('Buscando...')
        $.getScript(url)
```

app/views/home/index.js.erb

```
$('#images').append('<%= j render @images %>')

<% if @images.next_page %>
$('#.pagination').replaceWith('<%= j will_paginate @images %>')
<% else %>
$('#.pagination').remove();
<% end %>
```

localhost:3000



erador de Formul...



Formulário com vali...



Gerador de CNPJ ~...



Como criar formulã...



Gerador de Formul...



Formulário com vali...



Gerador de Texto A...



Teste 9 [Editar](#) [Eliminar](#)



Camaro preto [Editar](#) [Eliminar](#)



Camaro Hot Wheels [Editar](#) [Eliminar](#)



Teste 8 [Editar](#) [Eliminar](#)



Teste 7 [Editar](#) [Eliminar](#)



Dragon Ball - Goku [Editar](#) [Eliminar](#)

Buscando...