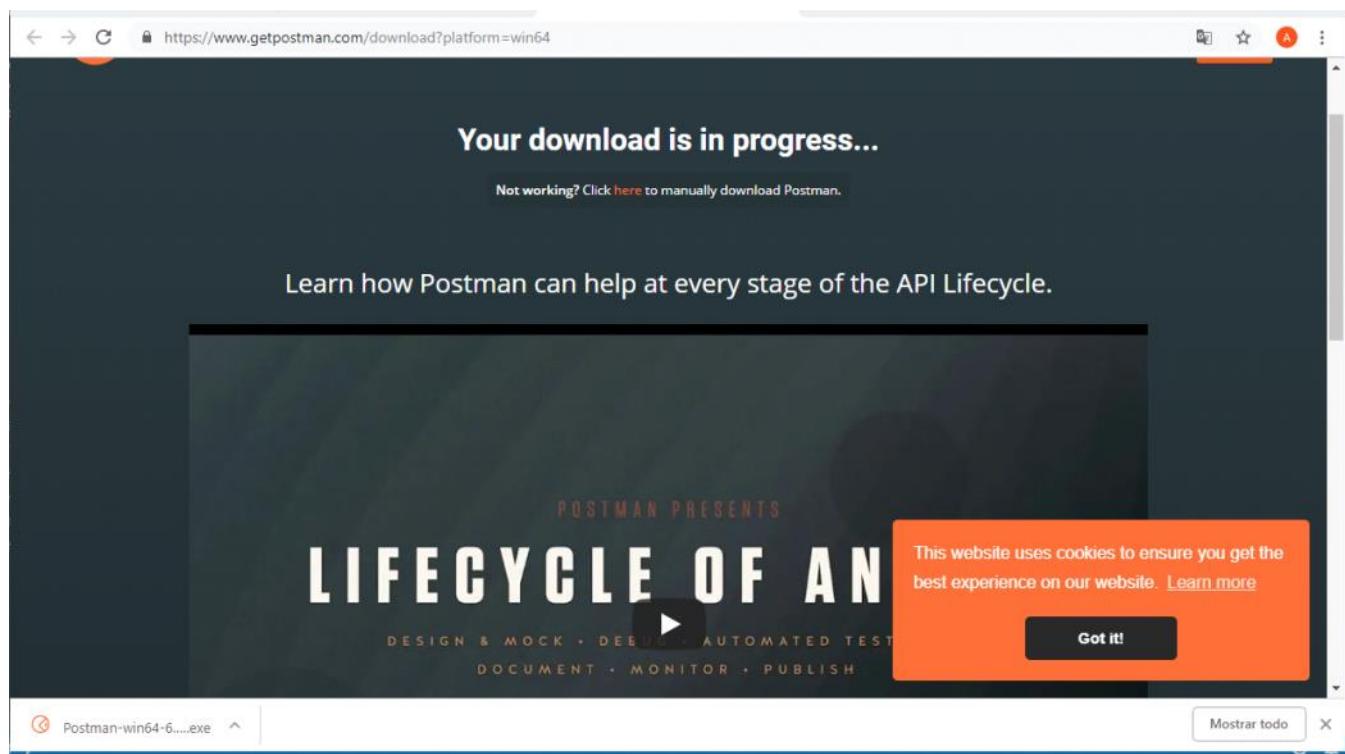
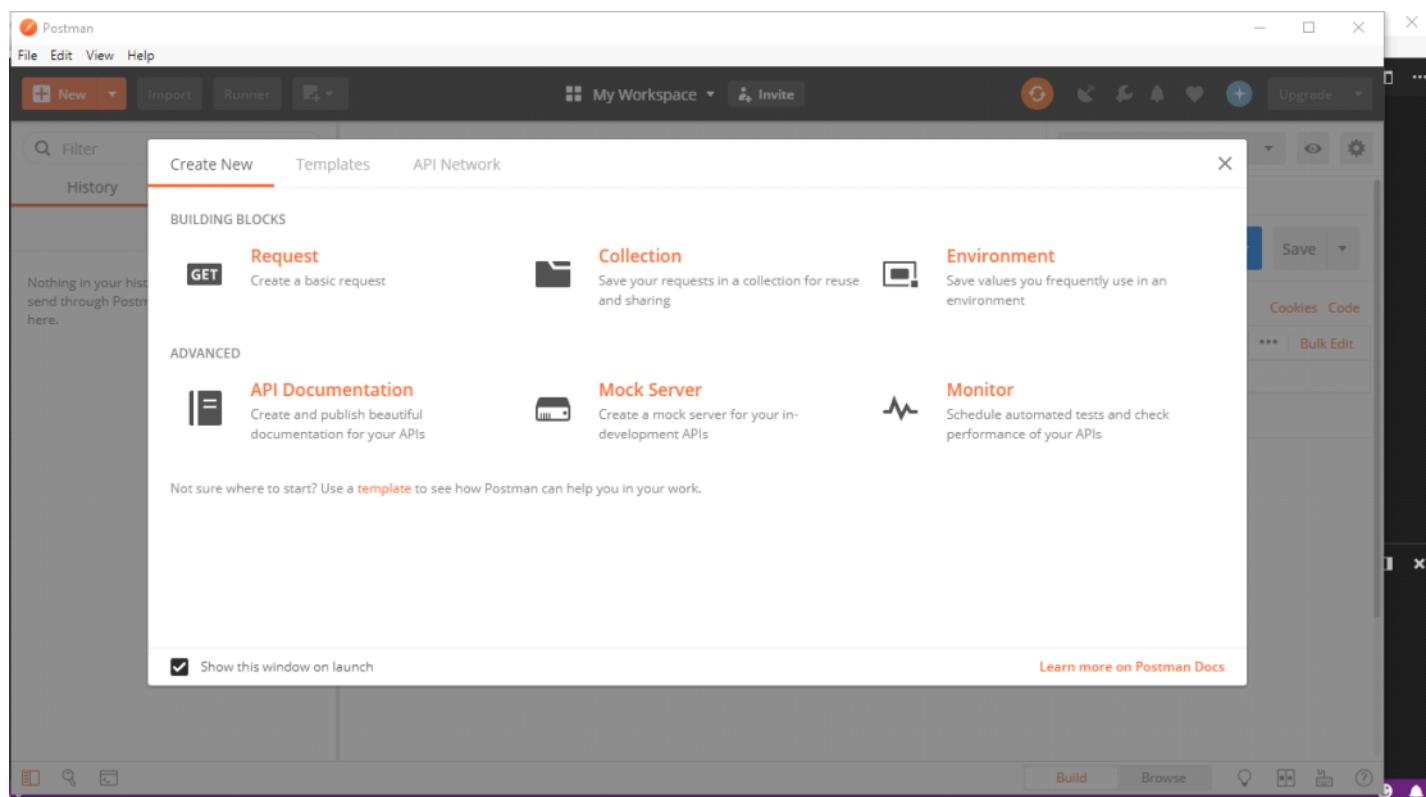


Descargar postman



Recorte de pantalla realizado: 11/10/2018 7:12 p.m.

Inicio con mi cuenta de gmail

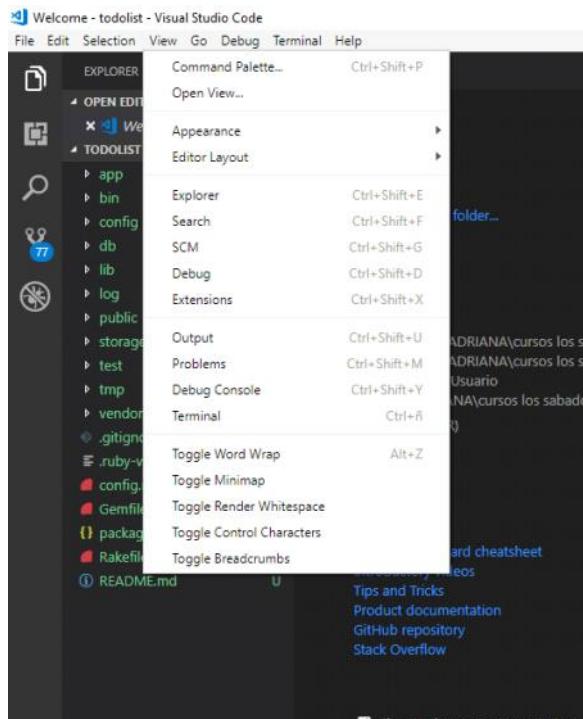


Recorte de pantalla realizado: 11/10/2018 7:16 p.m.

```
C:\WINDOWS\system32\cmd.exe - rails new todolist
Microsoft Windows [Versión 10.0.17134.345]
(c) 2018 Microsoft Corporation. Todos los derechos reservados.

C:\Users\Usuario>d:
D:>cd D:\ADRIANA\cursos los sábados\11-09-18
D:\ADRIANA\cursos los sábados\11-09-18>rails new todolist
```

Recorte de pantalla realizado: 11/10/2018 7:17 p.m.  
Abro la carpeta creada y muestro la terminal



Recorte de pantalla realizado: 11/10/2018 7:18 p.m.

```
RAPIDLY ACCESS AND SEARCH COMMANDS FROM THE COMMAND P
Printable keyboard cheatsheet
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails server
```

Recorte de pantalla realizado: 11/10/2018 7:19 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails g model List name:string
invoke active_record
create db/migrate/20181012002134_create_lists.rb
create app/models/list.rb
invoke test_unit
create test/models/list_test.rb
create test/fixtures/lists.yml
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>
```

Recorte de pantalla realizado: 11/10/2018 7:21 p.m.

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails g model Item name: string list:references
invoke active_record
create db/migrate/20181012002319_create_items.rb
create app/models/item.rb
invoke test_unit
create test/models/item_test.rb
create test/fixtures/items.yml
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>
```

Recorte de pantalla realizado: 11/10/2018 7:23 p.m.

```

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails db:migrate
== 20181012002134 CreateLists: migrating =====
-- create_table(:lists)
 -> 0.0015s
== 20181012002134 CreateLists: migrated (0.0020s) =====

== 20181012002319 CreateItems: migrating =====
-- create_table(:items)
 -> 0.0055s
== 20181012002319 CreateItems: migrated (0.0064s) =====

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>

```

Recorte de pantalla realizado: 11/10/2018 7:24 p.m.

```

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails g controller List
  create app/controllers/list_controller.rb
  invoke erb
  create app/views/list
  invoke test_unit
  create test/controllers/list_controller_test.rb
  invoke helper
  create app/helpers/list_helper.rb
  invoke test_unit
  invoke assets
  invoke coffee
  create app/assets/javascripts/list.coffee
  invoke scss
  create app/assets/stylesheets/list.scss
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>

```

Recorte de pantalla realizado: 11/10/2018 7:25 p.m.

```

File Edit Selection View Go Debug Terminal Help
EXPLORER
OPEN EDITORS
TODOLIST
  app
    assets
    channels
    controllers
      concerns
      application_controller.rb
      list_controller.rb
    helpers
    jobs
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
list_controller.rb ×
1 class ListController < ApplicationController
2   def index
3     @lists = List.all
4     render json: [
5       {
6         lists: @lists
7       }
8     ]
9   end
-> 0.0015s
== 20181012002134 CreateLists: migrated (0.0020s)

```

Recorte de pantalla realizado: 11/10/2018 7:28 p.m.

```

File Edit Selection View Go Debug Terminal Help
EXPLORER
OPEN EDITORS
TODOLIST
  channels
  controllers
  helpers
  jobs
  mailers
  models
  views
  bin
  config
    environments
    initializers
    locales
    application.rb
    boot.rb
    cable.yml
    credentials.yml.enc
    database.yml
    environment.rb
    master.key
    puma.rb
    routes.rb
    storage.yml
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
list_controller.rb × routes.rb ×
Rails.application.routes.draw do
  # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
  resources :list
end
-> 0.0015s
== 20181012002134 CreateLists: migrated (0.0020s) =====
== 20181012002319 CreateItems: migrating =====
-- create_table(:items)
 -> 0.0055s
== 20181012002319 CreateItems: migrated (0.0064s) =====
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails g controller List
  create app/controllers/list_controller.rb
  invoke erb
  create app/views/list
  invoke test_unit
  create test/controllers/list_controller_test.rb
  invoke helper
  create app/helpers/list_helper.rb
  invoke test_unit
  invoke assets
  invoke coffee
  create app/assets/javascripts/list.coffee

```

Recorte de pantalla realizado: 11/10/2018 7:30 p.m.

Postman - My Workspace

localhost:3000/list

GET localhost:3000/list

Params Authorization Headers Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION
Key	Value	Description

Status: 200 OK Time: 1489 ms Size: 489 B Download

Body Cookies Headers (12) Test Results

```
1 ↵ {  
2   "lists": []  
3 }
```

Recorte de pantalla realizado: 11/10/2018 7:31 p.m.

seeds.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER

- OPEN EDITORS
- list\_controller.rb
- routes.rb
- seeds.rb

TODOLIST

- app
- bin
- config
- db
  - migrate
  - development.sqlite3
  - schema.rb
  - seeds.rb
- lib
- log
- public
- storage
- test
- tmp
- vendor
- .gitignore
- .ruby-version

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: ruby

Recorte de pantalla realizado: 11/10/2018 7:37 p.m.

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails db:seed  
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>
```

Recorte de pantalla realizado: 11/10/2018 7:39 p.m.

Postman

File Edit View Help

My Workspace

localhost:3000/list

GET localhost:3000/list

Params Authorization Headers Body Pre-request Script Tests

KEY	VALUE	DESCRIPTION
Key	Value	Description

Status: 200 OK Time: 644 ms Size: 700 B Download

```

1 [
2   "lists": [
3     {
4       "id": 1,
5       "name": "lista 1",
6       "created_at": "2018-10-12T00:39:09.691Z",
7       "updated_at": "2018-10-12T00:39:09.691Z"
8     },
9     {
10       "id": 2,
11       "name": "lista 1",
12       "created_at": "2018-10-12T00:39:09.877Z",
13       "updated_at": "2018-10-12T00:39:09.877Z"
14     }
15   ]
16 ]

```

Recorte de pantalla realizado: 11/10/2018 7:40 p.m.

Para versionar el api

routes.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER

- OPEN EDITORS
  - list\_controller.rb
  - routes.rb
  - seeds.rb
- TODOLIST
  - environments
  - initializers
  - locales
  - application.rb
  - boot.rb
  - cable.yml
  - credentials.yml.enc
  - database.yml
  - environment.rb
  - master.key
  - puma.rb
  - routes.rb
  - storage.yml
  - db
  - migrate
  - development.sqlite3

routes.rb

```

Rails.application.routes.draw do
  # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
  namespace :api do
    namespace :v1 do
      resources :list
    end
  end
end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

2: powershell

```

-> 0.0055s
== 20181012002319 CreateItems: migrated (0.0064s) =====
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails g controller List
create app/controllers/list_controller.rb
invoke erb
create app/views/list
invoke test_unit
create test/controllers/list_controller_test.rb
invoke helper

```

Recorte de pantalla realizado: 11/10/2018 7:45 p.m.

Params Authorization Headers Body Pre-request Script Tests

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (6) Test Results

Status: 404 Not Found Time: 17286 ms Size

Pretty Raw Preview HTML

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <title>Action Controller: Exception caught</title>
6   <style>
7     body {
8       background-color: #FAFAFA;
9       color: #333;
10      margin: 0px;
11    }
12
13    body, p, ol, ul, td {
14      font-family: helvetica, verdana, arial, sans-serif;
15      font-size: 13px;
16      line-height: 18px;
17    }

```

Build Browse

Recorte de pantalla realizado: 11/10/2018 7:48 p.m.

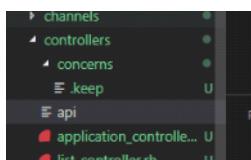
The screenshot shows the Postman interface. At the top, there are tabs for Params, Authorization, Headers, Body, Pre-request Script, and Tests. Below these is a table with columns for KEY, VALUE, and DESCRIPTION. Under the KEY column, there is a single entry 'Key'. Under the VALUE column, there is a single entry 'Value'. Under the DESCRIPTION column, there is a single entry 'Description'. Below the table, there are tabs for Body, Cookies, Headers (6), and Test Results. The Headers tab is selected. To its right, it says Status: 404 Not Found, Time: 17286 ms, and Size: 55!. At the bottom, there are buttons for Pretty, Raw, and Preview. A red banner at the top of the main content area says 'Routing Error'. Below the banner, the text 'No route matches [GET] "/list"' is displayed. Underneath this, there is someRails.root: D:/ADRIANA/cursos los sabados/11-09-18/todolist

[Application Trace](#) | [Framework Trace](#) | [Full Trace](#)

## Routes

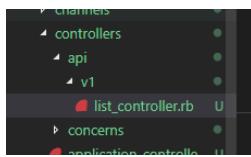
Routes match in priority from top to bottom

Recorte de pantalla realizado: 11/10/2018 7:48 p.m.



Recorte de pantalla realizado: 11/10/2018 7:49 p.m.

Creo una carpeta api y dentro de ella v1, muevo list controller a v1



Recorte de pantalla realizado: 11/10/2018 7:51 p.m.

SE le avisa a lis controller que se le cambio la carpeta

The screenshot shows the VS Code interface. The title bar says 'Api::V1::ListController'. The menu bar includes File, Edit, Selection, View, Go, Debug, Terminal, and Help. The Explorer sidebar shows a tree view of the project structure. The main editor area contains the code for 'list\_controller.rb':

```
1 class Api::V1::ListController < ApplicationController
2   def index
3     @lists = List.all
4     render json: {
5       lists: @lists
6     }
7   end
8 end
```

Below the editor, there are tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, and TERMINAL. The TERMINAL tab shows the command line output:

```
-> 0.0055s
== 20181012002319 CreateItems: migrated (0.0064s) =====
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails g controller list
```

Recorte de pantalla realizado: 11/10/2018 7:52 p.m.

No olvidar guardar todo

GET localhost:3000/api/v1/list

No Environment

localhost:3000/api/v1/list

Send Save

Params Authorization Headers Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	*** Bulk Edit
Key	Value	Description	

Body Cookies Headers (12) Test Results Status: 200 OK Time: 658 ms Size: 700 B Download

Pretty Raw Preview

```
{"listas":[{"id":1,"name":"lista 1","created_at":"2018-10-12T00:39:09.691Z","updated_at":"2018-10-12T00:39:09.691Z"}, {"id":2,"name":"lista 1","created_at":"2018-10-12T00:39:09.877Z","updated_at":"2018-10-12T00:39:09.877Z"}]}
```

Recorte de pantalla realizado: 11/10/2018 7:55 p.m.

GET localhost:3000/api/v1/list

No Environment

localhost:3000/api/v1/list

Send Save

Params Authorization Headers Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	*** Bulk Edit
Key	Value	Description	

Body Cookies Headers (12) Test Results Status: 200 OK Time: 658 ms Size: 700 B Download

Pretty Raw Preview JSON

```
1 - [
2 -   "listas": [
3 -     {
4 -       "id": 1,
5 -       "name": "lista 1",
6 -       "created_at": "2018-10-12T00:39:09.691Z",
7 -       "updated_at": "2018-10-12T00:39:09.691Z"
8 -     },
9 -     {
10 -       "id": 2,
11 -       "name": "lista 1",
12 -       "created_at": "2018-10-12T00:39:09.877Z",
13 -       "updated_at": "2018-10-12T00:39:09.877Z"
14 -     }
15 -   ]
16 - ]
```

Recorte de pantalla realizado: 11/10/2018 7:55 p.m.

Rederizador de json

File Edit Selection View Go Debug Terminal Help

EXPLORER

- OPEN EDITORS
  - list\_controller.rb app\...
  - Gemfile
  - routes.rb config
  - seeds.rb db
- TODOLIST
  - routes.rb
  - / storage.yml
  - db
    - migrate
    - development.sqlite3
    - schema.rb
    - seeds.rb
  - lib
  - log
  - public
  - storage
  - test
  - tmp
  - vendor
- .gitignore
- .ruby-version
- config.ru
- Gemfile
- Gemfile.lock
- package.json
- Rakefile
- README.md

list\_controller.rb Gemfile routes.rb seeds.rb

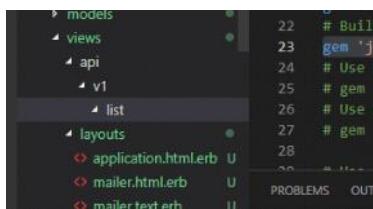
```
6 # Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
7 gem 'rails', '~> 5.2.1'
8 # Use sqlite3 as the database for Active Record
9 gem 'sqlite3'
10 # Use Puma as the app server
11 gem 'puma', '~> 3.11'
12 # Use SCSS for stylesheets
13 gem 'sass-rails', '~> 5.0'
14 # Use Uglifier as compressor for JavaScript assets
15 gem 'uglifier', '>= 1.3.0'
16 # See https://github.com/rails/execjs#readme for more supported runtimes
17 gem 'duktape'
18 # Use CoffeeScript for .coffee assets and views
19 gem 'coffee-rails', '~> 4.2'
20 # Turbolinks makes navigating your web application faster. Read more: https://github.com/t
# TurboLinks makes navigating your web application faster. Read more: https://github.com/t
21 gem 'turbolinks', '~> 5'
22 # Build JSON APIs with ease. Read more: https://github.com/rails/jbuilder
23 gem 'jbuilder', '~> 2.5'
24 # Use Redis adapter to run Action Cable in production
25 # gem 'redis', '~> 4.0'
26 # Use ActiveModel has_secure_password
27 # gem 'bcrypt', '~> 3.1.7'
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails db:seed

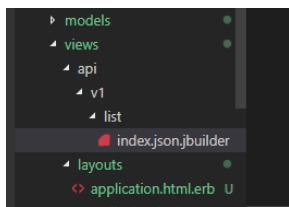
Recorte de pantalla realizado: 11/10/2018 8:26 p.m.

Creamos carpeta api -- v1 y movemos a list



Recorte de pantalla realizado: 11/10/2018 8:27 p.m.

Creamos un index.json.jbuilder



Recorte de pantalla realizado: 11/10/2018 8:28 p.m.

```
list_controller.rb - todolist - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER OPEN EDITORS 1 UNSAVED
index.json.jbuilder
list_controller.rb app...
TODOLIST
app assets channels controllers
api v1 list_controller.rb concerns application_controller...
list_controller.rb U
```

```
class Api::V1::ListController < ApplicationController
  def index
    @lists = List.all
    # render json: { lists: @lists }
  end
end
```

Recorte de pantalla realizado: 11/10/2018 8:32 p.m.

localhost:3000/api/v1/list

GET localhost:3000/api/v1/list Send

Params Authorization Headers Body Pre-request Script Tests

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (12) Test Results Status: 200 OK Time: 1155 ms Size: 700 B

Pretty Raw Preview JSON ↗

```
1 ↴ {
  "lists": [
    {
      "id": 1,
      "name": "lista 1",
      "created_at": "2018-10-12T00:39:09.691Z",
      "updated_at": "2018-10-12T00:39:09.691Z"
    },
    {
      "id": 2,
      "name": "lista 1",
      "created_at": "2018-10-12T00:39:09.877Z",
      "updated_at": "2018-10-12T00:39:09.877Z"
    }
  ]
}
```

Recorte de pantalla realizado: 11/10/2018 8:34 p.m.

Postman firma la petición

GET localhost:3000/api/v1/list

No Environment

localhost:3000/api/v1/list

Send Save

Params	Authorization	Headers	Body	Pre-request Script	Tests	Cookies	Code
KEY	VALUE				DESCRIPTION	***	Bulk Edit
Key	Value				Description		

Body Cookies Headers (12) Test Results Status: 200 OK Time: 1155 ms Size: 700 B Download

Pretty Raw Preview

```
{"lists": [{"id": 1, "name": "lista 1", "created_at": "2018-10-12T00:39:09.691Z", "updated_at": "2018-10-12T00:39:09.691Z"}, {"id": 2, "name": "lista 1", "created_at": "2018-10-12T00:39:09.877Z", "updated_at": "2018-10-12T00:39:09.877Z"}]}
```

Recorte de pantalla realizado: 11/10/2018 8:34 p.m.  
Esta pidiendo un error de formato

localhost:3000/api/v1/list

## ActionController::UnknownFormat in Api::V1::ListController#index

Api::V1::ListController#index is missing a template for this request format and variant. request.formats: ["text/html"]  
request.variant: []

Extracted source (around line #42):

```
40     "\nrequest.variant: #{request.variant.inspect}"
41
42     raise ActionController::UnknownFormat, message
43   elsif interactive_browser_request?
44     message = "#{$self.class.name}##{action_name} is missing a template "
45     "for this request format and variant.\n\n" \
```

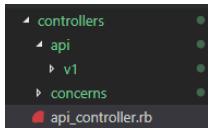
Rails.root: D:/ADRIANA/cursos los sabados/11-09-18/todolist

[Application Trace](#) | [Framework Trace](#) | [Full Trace](#)

```
actionpack (5.2.1) lib/action_controller/metal/implicit_render.rb:42:in `default_render'
actionpack (5.2.1) lib/action_controller/metal/basic_implicit_render.rb:6:in `block in send_action'
actionpack (5.2.1) lib/action_controller/metal/basic_implicit_render.rb:6:in `tap'
actionpack (5.2.1) lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'
actionpack (5.2.1) lib/abstract_controller/base.rb:194:in `process_action'
```

Recorte de pantalla realizado: 11/10/2018 8:35 p.m.

Vamos arreglarlo con conceptos de herencia  
Creamos api\_controller.rb en la carpeta controller



Recorte de pantalla realizado: 11/10/2018 8:37 p.m.

Todos los request que pasen por este controlador lo voy a volver a formato json

```
1 class ApiController < ActionController::Base
2   before_action :set_format
3
4   def set_format
5     request.format = :json
6   end
7 end
```

Recorte de pantalla realizado: 11/10/2018 8:41 p.m.

Al poner .json entendio que el formato es json

```
{"lists": [{"id": 1, "name": "lista 1", "created_at": "2018-10-12T00:39:09.691Z", "updated_at": "2018-10-12T00:39:09.691Z"}, {"id": 2, "name": "lista 1", "created_at": "2018-10-12T00:39:09.877Z", "updated_at": "2018-10-12T00:39:09.877Z"}]}
```

Recorte de pantalla realizado: 11/10/2018 8:41 p.m.

Ahora quiero que extienda de ApiController como estaba por defecto sino del controlador del api

```
class Api::V1::ListController < ApplicationController
  def index
```

```
1 class Api::V1::ListController < ApiController
2   def index
3     @lists = List.all
4     # render json: {
5     #   #   lists: @lists
5     # }
6   end
7 end
```

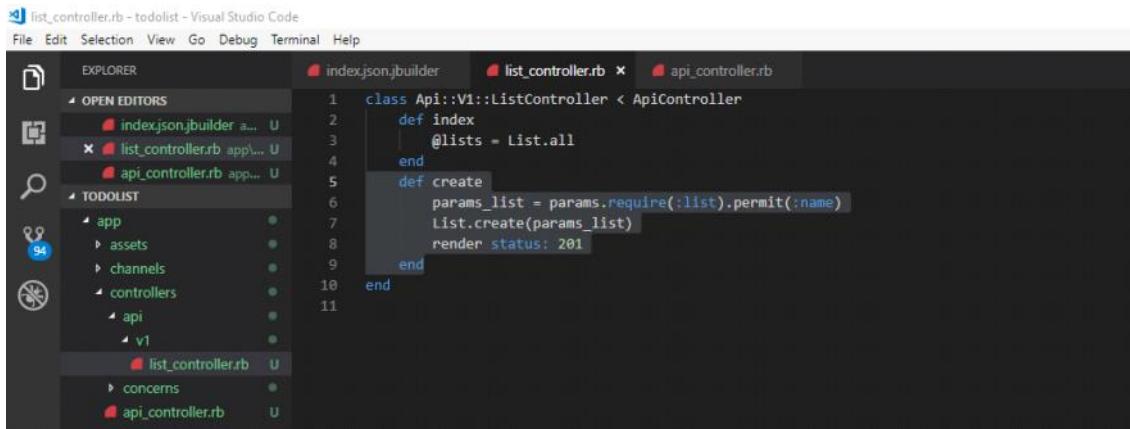
Recorte de pantalla realizado: 11/10/2018 8:44 p.m.

Al hacer este cambio el ya solito lo convierte a json

```
{"lists": [{"id": 1, "name": "lista 1", "created_at": "2018-10-12T00:39:09.691Z", "updated_at": "2018-10-12T00:39:09.691Z"}, {"id": 2, "name": "lista 1", "created_at": "2018-10-12T00:39:09.877Z", "updated_at": "2018-10-12T00:39:09.877Z"}]}
```

Recorte de pantalla realizado: 11/10/2018 8:45 p.m.

201 significa que la petición fue exitosa y que creo algo

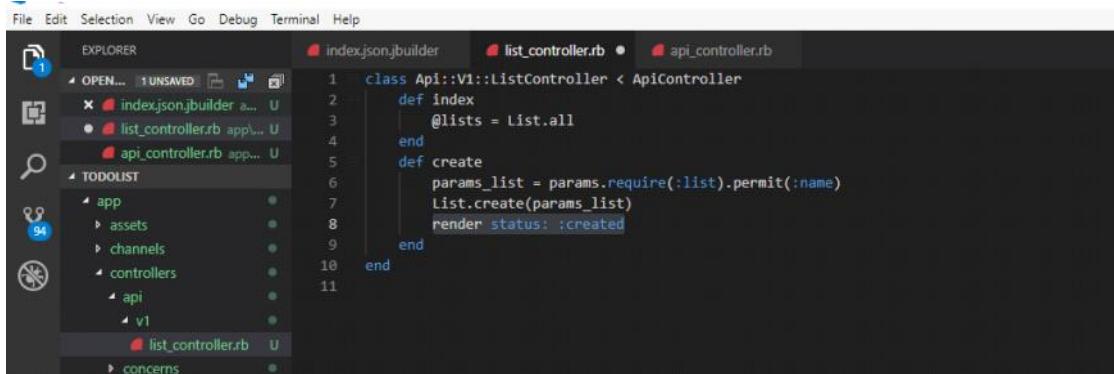


```
list_controller.rb - todolist - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER index.json.jbuilder list_controller.rb api_controller.rb
OPEN EDITORS
  index.json.jbuilder ...
  list_controller.rb app...
  api_controller.rb app...
TODOLIST
  app
    assets
    channels
  controllers
    api
      v1
        list_controller.rb
  concerns
  api_controller.rb

1 class Api::V1::ListController < ApiController
2   def index
3     @lists = List.all
4   end
5   def create
6     params_list = params.require(:list).permit(:name)
7     List.create(params_list)
8     render status: 201
9   end
10 end
```

Recorte de pantalla realizado: 11/10/2018 8:54 p.m.

La forma correcto es ponerlo como :created



```
list_controller.rb - todolist - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER index.json.jbuilder list_controller.rb api_controller.rb
OPEN... UNSAVED
  index.json.jbuilder ...
  list_controller.rb app...
  api_controller.rb app...
TODOLIST
  app
    assets
    channels
  controllers
    api
      v1
        list_controller.rb
  concerns
  api_controller.rb

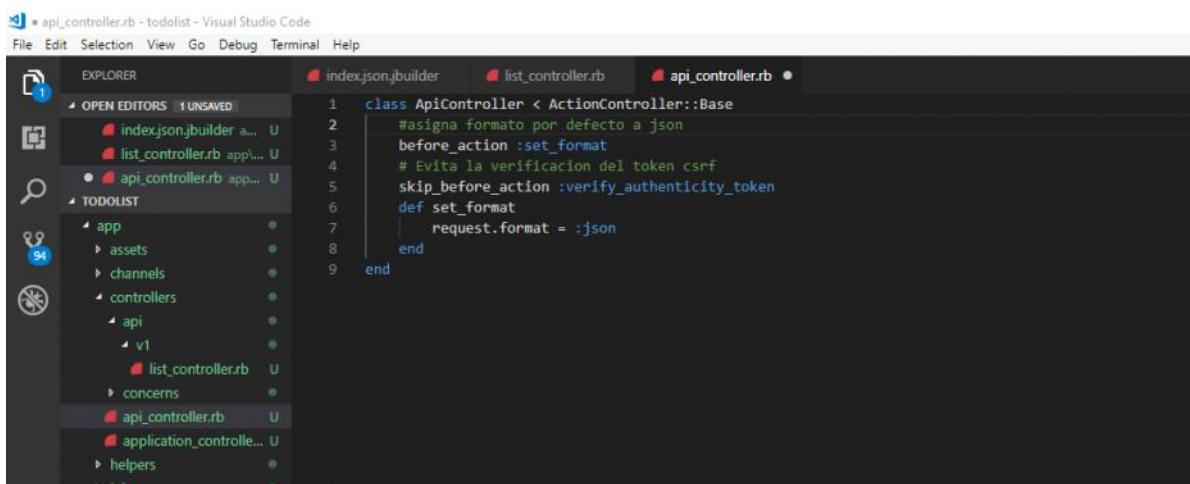
1 class Api::V1::ListController < ApiController
2   def index
3     @lists = List.all
4   end
5   def create
6     params_list = params.require(:list).permit(:name)
7     List.create(params_list)
8     render status: :created
9   end
10 end
```

Recorte de pantalla realizado: 11/10/2018 8:57 p.m.

El token csrf solo funciona para web

Vamos a desproteger a rails para que reciba sin autenticacion

En el api controller le decimos que se salte una action



```
api_controller.rb - todolist - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER index.json.jbuilder list_controller.rb api_controller.rb
OPEN EDITORS
  index.json.jbuilder ...
  list_controller.rb app...
  api_controller.rb app...
TODOLIST
  app
    assets
    channels
  controllers
    api
      v1
        list_controller.rb
  concerns
  api_controller.rb
  application_controller...
  helpers
  lists_controller...
  todos_controller...

1 class ApiController < ActionController::Base
2   #asigna formato por defecto a json
3   before_action :set_format
4   # Evita la verificación del token csrf
5   skip_before_action :verify_authenticity_token
6   def set_format
7     request.format = :json
8   end
9 end
```

Recorte de pantalla realizado: 11/10/2018 9:00 p.m.

localhost:3000/api/v1/list

Test Results  
Status: 200 OK Time: 1155 ms Size: 700 B Download

```
{me: "lista 1", created_at: "2018-10-12T00:39:09.691Z", updated_at: "2018-10-12T00:39:09.691Z"}, 1, {me: "lista 1", created_at: "2018-10-12T00:39:09.877Z", updated_at: "2018-10-12T00:39:09.877Z"}]
```

Recorte de pantalla realizado: 11/10/2018 9:01 p.m.

localhost:3000/api/v1/list

Send

Headers Body Pre-request Script Tests

form-urlencoded raw binary Text

Text (text/plain)  
JSON (application/json)  
Javascript (application/javascript)  
XML (application/xml)  
XML (text/xml)  
HTML (text/html)

Recorte de pantalla realizado: 11/10/2018 9:02 p.m.

### El agrego

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
Content-Type	application/json				

Body Cookies Headers (12) Test Results Status: 200 OK Time: 1155 ms Size: 700 B Download

Recorte de pantalla realizado: 11/10/2018 9:03 p.m.

localhost:3000/api/v1/list

Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1: {  
2:   "list": [  
3:     {"name": "Lista 3"}]  
4:   }  
5:  
6: }
```

Recorte de pantalla realizado: 11/10/2018 9:04 p.m.

POST localhost:3000/api/v1/list

localhost:3000/api/v1/list

Params Authorization Headers (1) Body (1) Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary JSON (application/json)

```

1+ {
2+   "list": [
3+     {
4+       "name": "Lista 3"
5+     }
6+   ]

```

Recorte de pantalla realizado: 11/10/2018 9:05 p.m.

Bajamos la venta en preview

Status: 500 Internal Server Error Time: 7299 ms Size: 136.94 KB Save Download

Body Cookies Headers (6) Test Results

Pretty Raw Preview

## Template is missing

Missing template api/v1/list/create, api/create with {:locale=>[:en], :formats=>[:json], :variants=>[], :handlers=>[:raw, :erb, :html, :builder, :ruby, :coffee, :jbuilder]}. Searched in: \* "D:/ADRIANA/cursos los sabados/11-09-18/todolist/app/views"

Recorte de pantalla realizado: 11/10/2018 9:06 p.m.

Se crea un archivo en views -- apy -- v1 -- list --- create.json.jbuilder y dejamos vacío el archivo

File Edit Selection View Go Debug Terminal Help

EXPLORER index.json.jbuilder list\_controller.rb api\_controller.rb create.json.jbuilder

OPEN EDITORS

TODOLIST

- api\_controller.rb
- application\_controller...
- helpers
- jobs
- mailers
- models
- views
  - api
  - v1
    - list
      - create.json.jbu...
      - index.json.jbu...
- layouts
- application.html.erb
- mailer.html.erb

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: powershell

Recorte de pantalla realizado: 11/10/2018 9:07 p.m.

Nos da 201 created

POST localhost:3000/api/v1/list

localhost:3000/api/v1/list

Send Save

Body Cookies Headers (12) Test Results

Pretty Raw Preview JSON

```

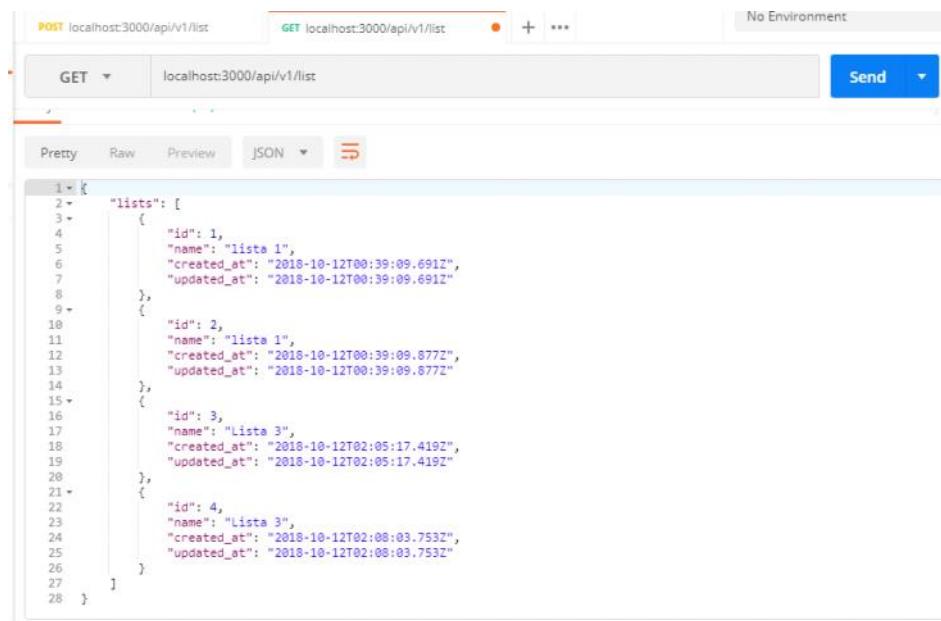
1 { }

```

Status: 201 Created Time: 783 ms Size: 404 B Save Download

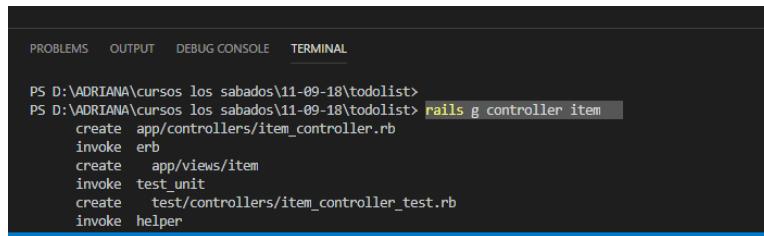
Recorte de pantalla realizado: 11/10/2018 9:09 p.m.

En otra pestaña en postman



```
1+ {
2+   "lists": [
3+     {
4+       "id": 1,
5+       "name": "lista 1",
6+       "created_at": "2018-10-12T00:39:09.691Z",
7+       "updated_at": "2018-10-12T00:39:09.691Z"
8+     },
9+     {
10+      "id": 2,
11+      "name": "lista 1",
12+      "created_at": "2018-10-12T00:39:09.877Z",
13+      "updated_at": "2018-10-12T00:39:09.877Z"
14+    },
15+    {
16+      "id": 3,
17+      "name": "Lista 3",
18+      "created_at": "2018-10-12T02:05:17.419Z",
19+      "updated_at": "2018-10-12T02:05:17.419Z"
20+    },
21+    {
22+      "id": 4,
23+      "name": "Lista 3",
24+      "created_at": "2018-10-12T02:08:03.753Z",
25+      "updated_at": "2018-10-12T02:08:03.753Z"
26+    }
27+  ]
28+ }
```

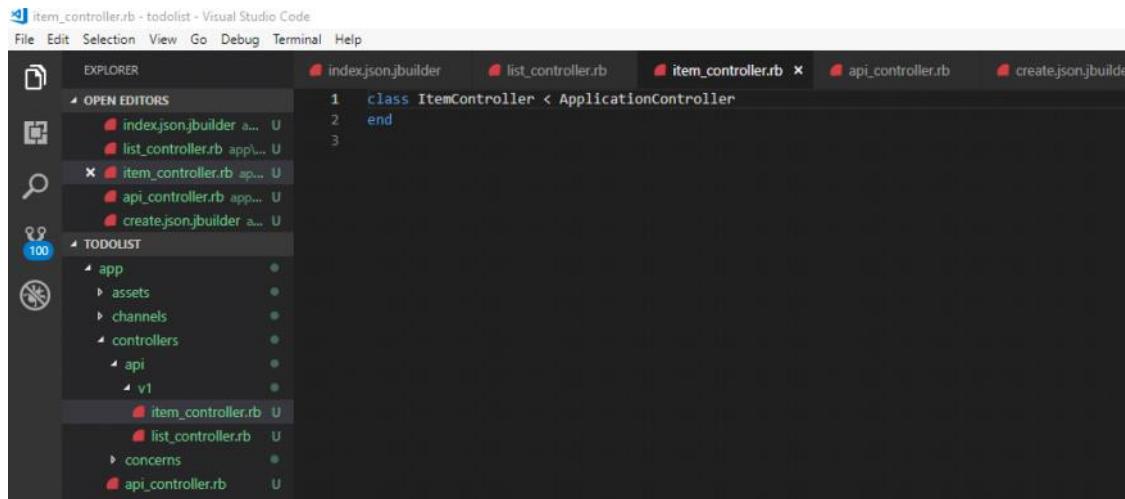
Recorte de pantalla realizado: 11/10/2018 9:10 p.m.



```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails g controller item
create app/controllers/item_controller.rb
invoke erb
create app/views/item
invoke test_unit
create test/controllers/item_controller_test.rb
invoke helper
```

Recorte de pantalla realizado: 13/10/2018 9:11 a.m.

Mover a carpeta v1



```
1+ class ItemController < ApplicationController
2+ end
3+
```

Recorte de pantalla realizado: 13/10/2018 9:12 a.m.

Para que coja la ruta

File Edit Selection View Go Debug Terminal Help

```

Rails.application.routes.draw do
  # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
  namespace :api do
    resources :list do
      resources :item
    end
  end
end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: powershell

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>

Recorte de pantalla realizado: 13/10/2018 9:17 a.m.

Crear accion listar (index), crear, show

File Edit Selection View Go Debug Terminal Help

```

class ItemController < ApplicationController
  before_action :set_list
  #Listar GET
  def index
  end

  #crear (post)
  def create
  end

  #mostrar (get)
  def show
  end

  private
  def set_list
    @list = List.find(params[:list_id])
  end
end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Recorte de pantalla realizado: 13/10/2018 9:18 a.m.

File Edit Selection View Go Debug Terminal Help

```

class List < ApplicationRecord
  has_many :items
end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: powershell

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails g controller item

Recorte de pantalla realizado: 13/10/2018 9:21 a.m.

```

1 class ItemController < ApplicationController
2   before_action :set_list
3   #Listar GET
4   def index
5     @items = @list.items
6   end
7
8   #crear (post)
9   def create
10    item_params = params.require(:item).permit(:name)
11    @list.items.create(item_params)
12    render status: :created
13  end
14
15  #mostrar (get)
16  def show
17    @item = Item.find(params[:id])
18  end
19
20  private
21  def set_list
22    @list = List.find(params[:list_id])
23  end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: powershell

```

PS D:\ADRIANA\cursos los sábados\11-09-18\todolist>
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails g controller item
create app/controllers/item_controller.rb
invoke erb
create app/views/item
invoke test_unit

```

COMO SE MOVIO LA CARPETA SE DEBE CAMBIAR LA HERENCIA

```

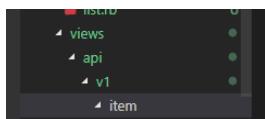
1 class Api::V1::ItemController < ApiController
2   before_action :set_list
3   #Listar GET
4   def index
5     @items = @list.items
6   end
7
8   #crear (post)
9   def create

```

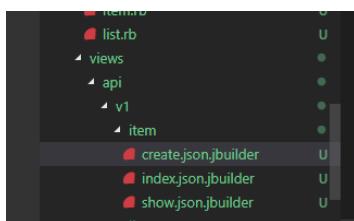
Recorte de pantalla realizado: 13/10/2018 9:43 a.m.

Recorte de pantalla realizado: 13/10/2018 9:25 a.m.

Creamos carpeta en vistas v1 - item



Como ya creamos el controlador y el modelo se necesita la vista y se crea una vista por cada método



En index ponemos: json.item @items

index.json.jbuilder - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER

- OPEN EDITORS 1 UNSAVED
  - index.json.jbuilder app\views\api\... U
  - list\_controller.rb app\controllers\... U
  - item\_controller.rb app\controllers\... U
  - create.json.jbuilder app\views\api\... U
  - index.json.jbuilder app\views\api\... U
  - show.json.jbuilder app\views\api\... U
  - list.rb app\models U
  - routes.rb config U
  - api\_controller.rb app\controllers U
- TODOLIST
  - item.rb U
  - list.rb U
  - views
    - api
      - v1
        - item
          - create.json.jbuilder U
          - index.json.jbuilder U
          - show.json.jbuilder U

Recorte de pantalla realizado: 13/10/2018 9:34 a.m.

En show mostramos el id del item

show.json.jbuilder - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER

- OPEN EDITORS 1 UNSAVED
  - list\_controller.rb U
  - item\_controller.rb U
  - create.json.jbuilder ...Item U
  - index.json.jbuilder ...Item U
  - show.json.jbuilder U
  - list.rb app\models U
  - routes.rb config U
  - api\_controller.rb app\controllers U
- TODOLIST
  - item.rb U
  - list.rb U
  - views
    - api
      - v1
        - item
          - create.json.jbuilder U
          - index.json.jbuilder U
          - show.json.jbuilder U

Recorte de pantalla realizado: 13/10/2018 9:35 a.m.

Levantamos el servidor

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails s
=> Booting Puma
=> Rails 5.2.1 application starting in development
=> Run `rails server -h` for more startup options
*** SIGUSR2 not implemented, signal based restart unavailable!
*** SIGUSR1 not implemented, signal based restart unavailable!
*** SIGHUP not implemented, signal based logs reopening unavailable!
```

Recorte de pantalla realizado: 13/10/2018 9:39 a.m.

Ahora vamos a postman

COMO NO hemos creado ningun item aparece vacio

localhost:9000/api/v1/list

localhost:3000/api/v1/list/1/item

GET localhost:3000/api/v1/list/1/item Send Save

Params	Authorization	Headers	Body	Pre-request Script	Tests	Cookies
Key			Value			Description

Body Cookies Headers (12) Test Results Status: 200 OK Time: 10956 ms Size: 490 B Down

Pretty Raw Preview

{"items":[]}

Recorte de pantalla realizado: 13/10/2018 9:44 a.m.

Ponemos un post

localhost:3000/api/v1/list/1/item

POST localhost:3000/api/v1/list/1/item Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

Body (JSON application/json)

```
1+ {  
2+   "item": {  
3+     "name": "Item 2"  
4+   }  
5+ }
```

Recorte de pantalla realizado: 13/10/2018 10:02 a.m.

localhost:3000/api/v1/list POST localhost:3000/api/v1/list/1/item Examples (0)

GET localhost:3000/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

Body Cookies Headers (12) Test Results Status: 200 OK Time: 688 ms Size: 619 B Save Download

Pretty Raw Preview JSON

```
1+ {  
2+   "items": [  
3+     {  
4+       "id": 1,  
5+       "name": "Item 2",  
6+       "string": null,  
7+       "list_id": 1,  
8+       "created_at": "2018-10-13T15:02:48.823Z",  
9+       "updated_at": "2018-10-13T15:02:48.823Z"  
10+     }  
11+   ]  
12+ }
```

Recorte de pantalla realizado: 13/10/2018 10:06 a.m.

localhost:3000/api/v1/list POST localhost:3000/api/v1/list/1/item Examples (0)

GET localhost:3000/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

Body Cookies Headers (12) Test Results Status: 200 OK Time: 688 ms Size: 619 B Save Download

Pretty Raw Preview

```
{"items": [{"id": 1, "name": "Item 2", "string": null, "list_id": 1, "created_at": "2018-10-13T15:02:48.823Z", "updated_at": "2018-10-13T15:02:48.823Z"}]}
```

Recorte de pantalla realizado: 13/10/2018 10:06 a.m.

AHORA VAMOS A TRABAJAR EN LA AUTENTICACION DE APIs

Json web token

Ahora buscamos gema knock

Json web se encripta en el archivo

The screenshot shows the RubyGems.org search interface. At the top, there's a navigation bar with links for NEWS, GEMS, GUÍAS, CONTRIBUYE, INGRESAR, and REGISTRO. A search bar contains the query 'knock'. Below the search bar, the word 'search' is followed by 'por knock' in pink. There's also a link to 'Advanced Search'.

# search por knock

Advanced Search →  
RESULTADO EXACTO

**knock** 2.1.1

Authentication solution for Rails based on JWT

**340.113**

DOWNLOADS

SINGLE PAGE HTML

**FILTER:** NAME (7) DESCRIPTION (6) SUMMARY (5)

**knock** 2.1.1

Autenticación para Rails basada en JWT

**340.113**

DOWNLOADS

Recorte de pantalla realizado: 13/10/2018 10:20 a.m.

The screenshot shows the RubyGems.org gem page for 'knock'. At the top, there's a navigation bar with links for NEWS, GEMS, GUÍAS, CONTRIBUYE, INGRESAR, and REGISTRO. A search bar contains the query 'knock'. Below the search bar, the word 'knock' is followed by '2.1.1' in pink. There's also a link to 'Interrumpir la carga de esta página'.

# knock 2.1.1

Authentication solution for Rails based on JWT

**VERSIONES:**

- 2.1.1** - February 11, 2017 (30 KB)
- 2.1** - January 30, 2017 (30 KB)
- 2.0** - October 23, 2016 (30 KB)
- 1.5** - May 29, 2016 (30 KB)
- 1.4.2** - January 28, 2016 (20 KB)

Muestra todas las versiones (13 total) →

**DEPENDENCIAS DE RUNTIME (3):**

- bcrypt** ~> 3.1
- jwt** ~> 1.5
- rails** >= 4.2

**DEPENDENCIAS DE DEVELOPMENT (2):**

- sqlite3** ~> 1.3
- timecop** ~> 0.8.0

**TOTAL DOWNLOADS**

**340.113**

**PARA ESTA VERSIÓN**

**194.652**

**GEMFILE:**

```
gem 'knock', '~> 2'
```



**INSTALAR:**

```
gem install knock
```



**LICENCIA:**

Recorte de pantalla realizado: 13/10/2018 10:20 a.m.

**GEMFILE:**

```
gem 'knock', '~> 2'
```



**INSTALAR** **Copy To Clipboard**

Recorte de pantalla realizado: 13/10/2018 10:24 a.m.

The screenshot shows the Visual Studio Code interface with a Rails application open. The Explorer sidebar on the left lists files and folders: `item.rb`, `item_controller.rb`, `create.json.jbuilder`, `index.json.jbuilder`, `show.json.jbuilder`, `list.rb`, `routes.rb`, `api_controller.rb`, `Gemfile`, `scenario.rb`, `seeds.rb`, `lib`, `log`, `public`, `storage`, `test`, `tmp`, `vendor`, `.gitignore`, `.ruby-version`, `config.ru`, and `Gemfile`. The `Gemfile` tab is active, displaying the following content:

```
source 'https://rubygems.org'
git_source(:github) { |repo| "https://github.com/#{repo}.git" }

ruby '2.4.4'

# Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
gem 'rails', '>= 5.2.1'
# Use sqlite3 as the database for Active Record
gem 'knock', '>= 2.1', '>= 2.1.1'
gem 'sqlite3'
# Use Puma as the app server
gem 'puma', '>= 3.11'
# 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 runtime environments
gem 'duktape'
# Use CoffeeScript for .coffee assets and views
gem 'coffee-rails', '>= 4.2'
# Turbolinks makes navigating your web application faster. Read more about it at https://github.com/turbolinks/turbolinks
gem 'turbolinks', '>= 5'
# Build JSON APIs with ease. Read more: https://github.com/rails-api/active_model_serializers
gem 'active_model_serializers', '<= 0.10.0' # Be sure to lock to this version or higher to get the security fixes
```

The bottom navigation bar includes `PROBLEMS`, `OUTPUT`, `DEBUG CONSOLE`, and `TERMINAL`. The status bar at the bottom shows "Windows PowerShell" and the copyright notice "Copyright (C) Microsoft Corporation. Todos los derechos reservados."

Recorte de pantalla realizado: 13/10/2018 10:43 a.m.

MIT

## **REQUIRED RUBY VERSION:**

$\geq 0$

## **ENLACES:**

Sitio

Documentación

[Descargar](#)

Recorte de pantalla realizado: 13/10/2018 10:25 a.m.

GitHub, Inc. [US] | <https://github.com/nsarmo/knock>

## Installation

Add this line to your application's Gemfile:

gem 'knock'

Then execute:

```
$ bundle install
```

Finally, run the install generator:

```
$ rails generate knock:install
```

Recorte de pantalla realizado: 13/10/2018 10:44 a.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> bundle install
|
```

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails generate knock:install  
      create config/initializers/knock.rb  
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> |
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: powershell

```
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails g model user email:string password_digest
invoke  active_record
create db/migrate/20181013154838_create_users.rb
create app\models\user.rb
invoke test_unit
create test/models/user_test.rb
create test/fixtures/users.yml
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

Recorte de pantalla realizado: 13/10/2018 10:48 a.m.

Verificamos en db -- migrate --createuser

20181013154838\_create\_users.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER Item 20181013154838

- OPEN EDITORS
  - item\_controller.rb app\controllers\...
  - create.json.jbuilder app\views\api\...
  - index.json.jbuilder app\views\api\...
  - show.json.jbuilder app\views\api\...
  - list.rb app\models
  - routes.rb config
  - api\_controller.rb app\controllers
  - Gemfile
  - 20181013154838\_create\_users.rb ...
- TODOLIST
  - models
  - views
  - bin
  - config
  - db
    - migrate
      - 20181012002134\_create\_lists.rb
      - 20181012002319\_create\_items.rb
      - 20181013154838\_create\_users.rb

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: powershell

Recorte de pantalla realizado: 13/10/2018 10:51 a.m.

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
create test/fixtures/users.yml
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails db:migrate
== 20181013154838 CreateUsers: migrating =====
-- create_table(:users)
   > 0.0183s
== 20181013154838 CreateUsers: migrated (0.0187s) =====
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

Recorte de pantalla realizado: 13/10/2018 10:52 a.m.

Has secure password encripta la contraseña

user.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER Item us

- OPEN EDITORS
  - item\_controller.rb app\controllers\...
  - create.json.jbuilder app\views\api\...
  - index.json.jbuilder app\views\api\...
  - show.json.jbuilder app\views\api\...
  - list.rb app\models
  - routes.rb config
  - api\_controller.rb app\controllers
  - Gemfile
  - user.rb app\models
- TODOLIST
  - app
  - assets
  - channels
  - controllers
  - helpers
  - jobs
  - mailers
  - models
    - concerns
    - application\_record.rb
    - item.rb
    - list.rb
    - user.rb
  - views

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: powershell

```
create test/fixtures/users.yml
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails db:migrate
== 20181013154838 CreateUsers: migrating =====
-- create_table(:users)
```

Recorte de pantalla realizado: 13/10/2018 10:56 a.m.

Nos conectamos a la consola

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL  
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails console  
Loading development environment (Rails 5.2.1)  
irb(main):001:0> User.create(email: "chanitos19@hotmail.com", password: "polite" pa  
SyntaxError: (irb):1: syntax error, unexpected tIDENTIFIER, expecting ')'  
"polite" password_confirmation: "polite"  
^
```

Recorte de pantalla realizado: 13/10/2018 10:59 a.m.

Creamos un usuario

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: ruby  
"polite" password_confirmation: "polite"  
  
irb(main):002:0> User.create(email: "chanitos19@hotmail.com", password: "polite", password_confirmation: "polite")  
(0.0ms) begin transaction  
User Create (1.0ms) INSERT INTO "users" ("email", "password_digest", "created_at", "updated_at") VALUES (?, ?, ?, ?) [[{"email": "chanitos19@hotmail.com"}, {"password_digest": "$2a$10$CZCv5HY2kYqbe.BLSDAqxuhCSRmJ3Eh1d0Aqf9Zhd06SzNjY4517e"}, {"created_at": "2018-10-13 16:00:12.659957"}, {"updated_at": "2018-10-13 16:00:12"}]  
 (135.7ms) commit transaction  
=> #<User id: 1, email: "chanitos19@hotmail.com", password_digest: "$2a$10$CZCv5HY2kYqbe.BLSDAqxuhCSRmJ3Eh1d0Aqf9Zhd06...", created_at: "2018-10-13 16:00:12", updated_at: "2018-10-13 16:00:12">  
irb(main):003:0>
```

Recorte de pantalla realizado: 13/10/2018 11:00 a.m.

## Usage

Include the Knock::Authenticable module in your ApplicationController

```
class ApplicationController < ActionController::API  
  include Knock::Authenticable  
end
```

Recorte de pantalla realizado: 13/10/2018 11:11 a.m.

```
api_controller.rb - todolist - Visual Studio Code  
File Edit Selection View Go Debug Terminal Help  
EXPLORER jbuilder ...item show.json.jbuilder list.rb routes.rb api_controller.rb Gemfile user.rb  
OPEN EDITORS  
item_controller.rb app/controllers... U  
create.json.jbuilder app/views/api/v1/U  
index.json.jbuilder app/views/api/v1/U  
show.json.jbuilder app/views/api/v1/U  
list.rb app/models U  
routes.rb config U  
api_controller.rb app/controllers U  
Gemfile U  
user.rb app/models U  
TODOLIST  
app assets channels controllers api v1 item_controller.rb U list_controller.rb U api_controller.rb U application_controller.rb U  
1 class ApiController < ApplicationController::Base  
2   include Knock::Authenticable  
3   before_action :authenticate_user  
4   #asigna formato por defecto a json  
5   before_action :set_format  
6   # Evita la verificación del token csrf  
7   skip_before_action :verify_authenticity_token  
8   def set_format  
9     | request.format = :json  
10  end  
11 end
```

Recorte de pantalla realizado: 13/10/2018 11:20 a.m.

Bajamos y subimos el servidor

```
l, C:/Ruby24-x64/lib/ruby/gems/2.4.0/gems/activerecord-5.2.1/lib/ac  
ActionController::RoutingError (uninitialized constant ApiController  
app/controllers/api_controller.rb:2:in `<class:ApiController>'  
app/controllers/api_controller.rb:1:in `'  
app/controllers/api/v1/item_controller.rb:1:in `'  
- Gracefully stopping, waiting for requests to finish  
*** puma shutdown: 2018-10-13 11:17:02 -0500 ***  
- Goodbye!  
Exiting  
¿Desea terminar el trabajo por lotes (S/N)? s
```

Recorte de pantalla realizado: 13/10/2018 11:17 a.m.

Cierra la pestaña de postman por lo que queda pegado y abre una nueva pestaña

Verificamos que de 401 no autorizados porque no nos hemos autenticado

The screenshot shows the Postman interface. At the top, there are two tabs: 'POST localhost:3000/api/v1/list/1/item' and 'GET localhost:3000/api/v1/list/1/item'. The 'GET' tab is selected. Below the tabs, the URL 'localhost:3000/api/v1/list/1/item' is entered. To the right of the URL are 'Send' and 'Save' buttons. Underneath the URL, there are tabs for 'Params', 'Authorization', 'Headers', 'Body', 'Pre-request Script', 'Tests', 'Cookies', and 'Code'. The 'Params' tab is selected, showing a single entry: 'Key' under 'KEY' and 'Value' under 'VALUE'. On the right side of the interface, there is a preview area showing the response body, which is empty. At the bottom, it says 'Status: 401 Unauthorized Time: 566 ms Size: 394 B'. Below the preview area, there are buttons for 'Pretty', 'Raw', 'Preview', 'HTML', and a search bar.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1
Filter chain halted as :authenticate_user rendered or redirected
Completed 401 Unauthorized in 1ms (ActiveRecord: 0.0ms)

Started GET "/api/v1/list/1/item" for 127.0.0.1 at 2018-10-13 11:22:30 -0500
Processing by Api::V1::ItemController#index as */
  Parameters: {"list_id"=>"1"}
Filter chain halted as :authenticate_user rendered or redirected
Completed 401 Unauthorized in 0ms (ActiveRecord: 0.0ms)
```

Recorte de pantalla realizado: 13/10/2018 11:24 a.m.

Salimos de la consola

```
-10-13 16:00:12", updated_at:
irb(main):003:0> exit
PS D:\ADRIANA\cursos los saba
```

Recorte de pantalla realizado: 13/10/2018 11:24 a.m.

The screenshot shows a browser window with the URL 'https://github.com/nsarno/knock'. The page content includes instructions for generating a Knock controller:

```
If you don't use an external authentication solution like Auth0, you also
$ rails generate knock:token_controller user
```

This will generate the controller `user_token_controller.rb` and add the code to your application's routes file.

Recorte de pantalla realizado: 13/10/2018 11:26 a.m.

```
12
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
2: powershell
new_api_v1_list GET  /api/v1/list/new(.:format)
edit_api_v1_list GET  /api/v1/list/:id/edit(.:format)
  api_v1_list GET  /api/v1/list/:id(.:format)
                PATCH /api/v1/list/:id(.:format)
                PUT   /api/v1/list/:id(.:format)
                DELETE /api/v1/list/:id(.:format)

  rails_service_blob GET  /rails/active_storage/blobs/:signed_id/*filename(.:format)      activ
:s#show
  rails_blob_representation GET  /rails/active_storage/representations/:signed_blob_id/:variation_key/*filename(.:format) activ
:representations#show
  rails_disk_service GET  /rails/active_storage/disk/:encoded_key/*filename(.:format)        activ
:show
  update_rails_disk_service PUT  /rails/active_storage/disk/:encoded_token(.:format)       activ
:update
  rails_direct_uploads POST /rails/active_storage/direct_uploads(.:format)                 activ
:uploads#create
D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails generate knock:token_controller user
  create  app/controllers/user_token_controller.rb
    route post 'user_token' => 'user_token#create'
D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

Recorte de pantalla realizado: 13/10/2018 11:27 a.m.

routes.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

**EXPLORER**

- item\_controller.rb app/controllers...
- create.json.jbuilder app/views/api/v1/item...
- index.json.jbuilder app/views/api/v1/item...
- show.json.jbuilder app/views/api/v1/item...
- list.rb app/models
- routes.rb config
- user\_token\_controller.rb app/controllers...
- api\_controller.rb app/controllers
- Gemfile

**TODOLIST**

- application.rb
- boot.rb
- cable.yml
- credentials.yml.enc
- database.yml
- environment.rb
- master.key
- puma.rb
- routes.rb
- storage.yml
- db
- lib
- log
- public
- storage
- test

```

1 Rails.application.routes.draw do
2   post 'user_token' => 'user_token#create'
3   # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
4   namespace :api do
5     namespace :v1 do
6       resources :list
7       resources :item
8     end
9   end
10 end
11 end
12 end

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

2: powershell

```

new_api_v1_list GET /api/v1/list/new(.:format)
edit_api_v1_list GET /api/v1/list/:id/edit(.:format)
api_v1_list GET /api/v1/list/:id(.:format)
PATCH /api/v1/list/:id(.:format)
PUT /api/v1/list/:id(.:format)
DELETE /api/v1/list/:id(.:format)

rails_service_blob GET /rails/active_storage/blobs/:signed_id/*filename(.:format)
s#show
rails_blob_representation GET /rails/active_storage/representations/:signed_blob_id/:variation_key/*filename(.:format)
active_storage/rep
esentations#show
rails_disk_service GET /rails/active_storage/disk/:encoded_key/*filename(.:format)
active_storage/dis
#show
update_rails_disk_service PUT /rails/active_storage/disk/:encoded_token(.:format)
active_storage/dis
#update
rails_direct_uploads POST /rails/active_storage/direct_uploads(.:format)
ct_uploads#create

```

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails generate knock:token\_controller user

Corto y pego y reemplazamos user\_token por auth

```

1 Rails.application.routes.draw do
2
3   # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
4   namespace :api do
5     post 'auth' => 'user_token#create'
6     namespace :v1 do
7       resources :list
8       resources :item
9     end
10    end
11  end
12 end

```

Recorte de pantalla realizado: 13/10/2018 11:29 a.m.

Observamos la nueva ruta

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

2: powershell

```

route post 'user_token' => 'user_token#create'
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rake routes
      Prefix Verb URI Pattern
      user_token POST  /user_token(.:format)
api_v1_list_item_index GET   /api/v1/list/:list_id/item(.:format)
                      POST  /api/v1/list/:list_id/item(.:format)
new_api_v1_list_item GET   /api/v1/list/:list_id/item/new(.:format)
edit_api_v1_list_item GET   /api/v1/list/:list_id/item/:id/edit(.:format)
api_v1_list_item GET   /api/v1/list/:list_id/item/:id(.:format)
                      PATCH /api/v1/list/:list_id/item/:id(.:format)
                      PUT   /api/v1/list/:list_id/item/:id(.:format)
                      DELETE /api/v1/list/:list_id/item/:id(.:format)

api_v1_list_index GET   /api/v1/list(.:format)
                      POST  /api/v1/list(.:format)
new_api_v1_list GET   /api/v1/list/new(.:format)
edit_api_v1_list GET   /api/v1/list/:id/edit(.:format)
api_v1_list GET   /api/v1/list/:id(.:format)
                      PATCH /api/v1/list/:id(.:format)
                      PUT   /api/v1/list/:id(.:format)
                      DELETE /api/v1/list/:id(.:format)

```

Ln 2, Col 18

Recorte de pantalla realizado: 13/10/2018 11:27 a.m.

Muevo el user controller a api

user\_token\_controller.rb - todolist - visual studio code

File Edit Selection View Go Debug Terminal Help

```

EXPLORER          jbuilder ...\\item   show.json.jbuilder   list.rb   routes.rb   user_token_controller.rb   api_controller.rb
OPEN EDITORS  1 UNSAVED
  item_controller.rb app\\controllers\\... U
  create.json.builder app\\views\\api\\... U
  index.json.builder app\\views\\api\\... U
  show.json.builder app\\views\\api\\... U
  list.rb app\\models U
  routes.rb config U
  user_token_controller.rb app\\cont... U
  api_controller.rb app\\controllers U
  Gemfile U
TODOLIST
  channels
  controllers
    api
      v1
        item_controller.rb U
        list_controller.rb U
        user_token_controller.rb U
    concerns
    api_controller.rb U
    application_controller.rb U
  helpers
  jobs
  mailers

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

route post 'user\_token' => 'user\_token#create'

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rake routes

Prefix	Verb	URI Pattern
user_token	POST	/user_token(.:format)
api_v1_list_item_index	GET	/api/v1/list/:list_id/item(.:format)
	POST	/api/v1/list/:list_id/item(.:format)
new_api_v1_list_item	GET	/api/v1/list/:list_id/item/new(.:format)
edit_api_v1_list_item	GET	/api/v1/list/:list_id/item/:id/edit(.:format)
	PATCH	/api/v1/list/:list_id/item/:id(.:format)
	PUT	/api/v1/list/:list_id/item/:id(.:format)
	DELETE	/api/v1/list/:list_id/item/:id(.:format)
api_v1_list_index	GET	/api/v1/list(.:format)
	POST	/api/v1/list(.:format)

Recorte de pantalla realizado: 13/10/2018 11:30 a.m.

Agrego la ruta api

\* user\_token\_controller.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

```

EXPLORER          jbuilder ...\\item   show.json.jbuilder   list.rb   routes.rb   user_token_controller.rb   api_controller.rb
OPEN EDITORS  2 UNSAVED
  item_controller.rb app\\controllers\\... U
  create.json.builder app\\views\\api\\... U
  index.json.builder app\\views\\api\\... U
  show.json.builder app\\views\\api\\... U
  list.rb app\\models U
  routes.rb config U
  user_token_controller.rb app\\cont... U
  api_controller.rb app\\controllers U
  Gemfile U
TODOLIST
  channels
  controllers
    api
      v1
        item_controller.rb U
        list_controller.rb U
        user_token_controller.rb U
    concerns

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

route post 'user\_token' => 'user\_token#create'

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rake routes

Prefix	Verb	URI Pattern
user_token	POST	/user_token(.:format)
api_v1_list_item_index	GET	/api/v1/list/:list_id/item(.:format)
	POST	/api/v1/list/:list_id/item(.:format)
new_api_v1_list_item	GET	/api/v1/list/:list_id/item/new(.:format)
edit_api_v1_list_item	GET	/api/v1/list/:list_id/item/:id/edit(.:format)
	GET	/api/v1/list/:list_id/item/:id(.:format)

Recorte de pantalla realizado: 13/10/2018 11:31 a.m.

Estamos leyendo la llave secreta para encriptar los token

knock.rb - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

```

EXPLORER          jbuilder ...\\item   show.json.jbuilder   list.rb   routes.rb   user_token_controller.rb   knock.rb   api_controller.rb
OPEN EDITORS
  item_controller.rb app\\controllers\\... U
  create.json.builder app\\views\\api\\... U
  index.json.builder app\\views\\api\\... U
  show.json.builder app\\views\\api\\... U
  list.rb app\\models U
  routes.rb config U
  user_token_controller.rb app\\cont... U
  knockrb config\\initializers U
  api_controller.rb app\\controllers U
TODOLIST
  bin
  config
    environments
  initializers
    application_controller_renderer.rb U
    assets.rb U
    backtrace_silencers.rb U
    content_security_policy.rb U
    cookies_serializer.rb U
    filter_parameter_logging.rb U
    inflections.rb U
    knock.rb U
    mime_types.rb U
    wrap_parameters.rb U
  locales

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PATCH /api/v1/list/:list\_id/item/:id(.:format)

PUT /api/v1/list/:list\_id/item/:id(.:format)

DELETE /api/v1/list/:list\_id/item/:id(.:format)

api\_v1\_list\_index GET /api/v1/list(.:format)

POST /api/v1/list(.:format)

new\_api\_v1\_list GET /api/v1/list/new(.:format)

edit\_api\_v1\_list GET /api/v1/list/:id/edit(.:format)

api\_v1\_list\_update PUT /api/v1/list/:id(.:format)

api\_v1\_list\_create POST /api/v1/list(.:format)

api\_v1\_list\_new GET /api/v1/list(.:format)

api\_v1\_list\_edit PUT /api/v1/list(.:format)

Recorte de pantalla realizado: 13/10/2018 11:40 a.m.

Bajamos y subimos el servidor

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Processing by Api::V1::ItemController#index as */*
Parameters: {"list_id"=>"1"}
Filter chain halted as :authenticate_user rendered or redirected
Completed 401 Unauthorized in 0ms (ActiveRecord: 0.0ms)

- Gracefully stopping, waiting for requests to finish
*** puma shutdown: 2018-10-13 11:41:28 -0500 ***
- Goodbye!
Exiting
Desea terminar el trabajo por lotes (S/N)? s
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rails s
```

Recorte de pantalla realizado: 13/10/2018 11:41 a.m.

```
{
  "auth": {
    "email": "chanitos19@hotmail.com",
    "password": "polite"
  }
}
```

POST localhost:3000/api/auth ➔ GET localhost:3000/api/v1/list/1/item + ... No Environment

POST localhost:3000/api/auth Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1+ {
2+   "auth": {
3+     "name": "chanitos19@hotmail.com",
4+     "password": "polite"
5+   }
6 }
```

Body Cookies Headers (6) Test Results Status: 422 Unprocessable Entity Time: 6569 ms Size: 118.14 KB Download

Pretty Raw Preview

## ActionController::InvalidAuthenticityToken in Api::UserTokenController#create

### ActionController::InvalidAuthenticityToken

Recorte de pantalla realizado: 13/10/2018 11:48 a.m.

```
user_token_controller.rb - todolist - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
```

EXPLORER jbuilder ...item show.json.jbuilder listrb routes.rb user\_token\_controller.rb x knock.rb api\_controller.rb

OPEN EDITORS
 ↗ item\_controller.rb app/controllers... U
 ↗ create.json.builder app/views/api/v1... U
 ↗ index.json.builder app/views/api/v1... U
 ↗ show.json.builder app/views/api/v1... U
 ↗ list.rb app/models U
 ↗ routes.rb config U
 ✘ user\_token\_controller.rb app/controllers... U
 ↗ knock.rb config/initializers U
 ↗ api\_controller.rb app/controllers U

TODOLIST
 ↗ app
 ↗ assets
 ↗ channels
 ↗ controllers
 ↗ api
 ↗ v1
 ↗ item\_controller.rb U
 ↗ list\_controller.rb U
 ↗ user\_token\_controller.rb U
 ↗ concerns
 ↗ api\_controller.rb U
 ↗ application\_controller.rb U
 ↗ helpers

TERMINAL
 create app/controllers/user\_token\_controller.rb
 route post 'user\_token' => 'user\_token#create'
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> rake routes
 Prefix Verb URI Pattern
 user\_token POST /user\_token(.:format)
 api\_v1\_list\_item\_index GET /api/v1/list/:list\_id/item(.:format)

Recorte de pantalla realizado: 13/10/2018 11:47 a.m.

Nos devuelve el token

POST localhost:3000/api/auth    GET localhost:3000/api/v1/list/1/item    + ...    No Environment

**POST** localhost:3000/api/auth    Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1+ [
2+   "auth": {
3+     "email": "chanitos19@hotmail.com",
4+     "password": "polite"
5+   }
6]
```

Jody Cookies Headers (12) Test Results Status: 201 Created Time: 193 ms Size: 608 B Download

Pretty Raw Preview

{"jwt": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1Mzk1MzU4OTYsInNiYiI6MX0.O1kX2AckruteYLAOrndXhuCu4i0eQDpvHD67YeSCRow"}

Recorte de pantalla realizado: 13/10/2018 11:52 a.m.  
 Vamos a firmar una petición, copiamos el token  
 En header hacemos una petición a la url  
 Escribimos Authorization  
 Bearer pego token

localhost:3000/api/v1/list

GET localhost:3000/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1Mzk1MzU4OTYsInNiYiI6MX0.O1kX2AckruteYLAOrndXhuCu4i0eQDpvHD67YeSCRow				
Key	Value	Description			

Body Cookies Headers (12) Test Results Status: 200 OK Time: 663 ms Size: 912 B Download

Pretty Raw Preview JSON

Recorte de pantalla realizado: 13/10/2018 11:59 a.m.

Damos send y observamos que nos permitió tener acceso a las listas

localhost:3000/api/v1/list

GET localhost:3000/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1Mzk1MzU4OTYsInNiYiI6MX0.O1kX2AckruteYLAOrndXhuCu4i0eQDpvHD67YeSCRow				
Key	Value	Description			

Body Cookies Headers (12) Test Results Status: 200 OK Time: 663 ms Size: 912 B Download

Pretty Raw Preview JSON

```
1+ [
2+   "lists": [
3+     {
4+       "id": 1,
5+       "name": "lista 1",
6+       "created_at": "2018-10-12T00:39:09.691Z",
7+       "updated_at": "2018-10-12T00:39:09.691Z"
8+     },
9+     {
10+       "id": 2,
11+       "name": "lista 1",
12+       "created_at": "2018-10-12T00:39:09.877Z",
13+       "updated_at": "2018-10-12T00:39:09.877Z"
14+     },
15+   ]
]
```

Build Browse

Recorte de pantalla realizado: 13/10/2018 12:01 p.m.

Recorte de pantalla realizado: 13/10/2018 11:57 a.m.  
 INSTALAMOS LA GEMA DE PG -- PARA POSTGRADES

u - Buscar con Google | Personal apps | Heroku | Correo: adriana barrero - Outlook | pg | RubyGems.org | alojamiento | +

C https://rubygems.org/gems/pg

# pg 1.1.3

Pg is the Ruby interface to the {PostgreSQL RDBMS}[http://www.postgresql.org/]. It works with {PostgreSQL 9.2 and later}[http://www.postgresql.org/support/versioning/]. A small example usage: #!/usr/bin/env ruby require 'pg' # Output a table of current connections to the DB conn = PG.connect( dbname: 'sales' ) conn.exec("SELECT \* FROM pg\_stat\_activity") do |result| puts " PID | User | Query" result.each do |row| puts "%7d | %-16s | %s" % row.values\_at('procid', 'username', 'current\_query') end end

## VERSIONES:

- 1.1.3** - September 07, 2018 x86-mingw32 (2 MB)
- 1.1.3** - September 07, 2018 x64-mingw32 (2 MB)
- 1.1.3** - September 07, 2018 (200 KB)
- 1.1.2** - August 29, 2018 x86-mingw32 (2 MB)

## DEPENDENCIAS DE DESARROLLO (9):

- hoe** ~> 3.16
- hoe-bundler** ~> 1.0
- hoe-deveiate** ~> 0.9
- hoe-highline** ~> 0.2
- ... \*

## TOTAL DOWNLOADS

**60.890.967**

## PARA ESTA VERSIÓN

**322.290**

## GEMFILE:

```
gem 'pg', '~> 1.1'
```

**INSTALA** [Copy To Clipboard](#)

```
gem install pg
```

## LICENCIA:

**BSD-3-CLAUSE**

Recorte de pantalla realizado: 13/10/2018 1:32 p.m.

PONGO LA GEMA

Gemfile - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER      OPEN EDITORS 1 UNSAVED

- create.json.builder app/views/api/v... U
- index.json.builder app/views/api/v... U
- show.json.builder app/views/api/v... U
- list.rb app/models U
- routes.rb config U
- user\_token\_controller.rb app/controllers U
- knock.rb config/initializers U
- api\_controller.rb app/controllers U
- Gemfile** U

TODOLIST

- Storage.yml
- db
- lib
- log
- public
- storage
- test
- tmp
- vendor
- .gitignore
- .ruby-version
- config.ru
- Gemfile**
- Gemfile.lock
- package.json
- Rakefile
- README.md

show.json.builder    list.rb    routes.rb    user\_token\_controller.rb    knock.rb    api\_controller.rb

```

4 ruby '2.4.4'
5
6 # Bundle edge Rails instead: gem 'rails', github: 'rails/rails'
7 gem 'rails', '~> 5.2.1'
8 # Use sqlite3 as the database for Active Record
9 gem 'knock', '~> 2.1', '>= 2.1.1'
10 gem 'pg', '~> 1.1', '>= 1.1.3'
11
12 # Use Puma as the app server
13 gem 'puma', '~> 3.11'
14 # Use SCSS for stylesheets
15 gem 'sass-rails', '~> 5.0'
16 # Use Uglifier as compressor for JavaScript assets
17 gem 'uglifier', '>= 1.3.0'
18 # See https://github.com/rails/execjs#readme for more supported runtimes
19 gem 'duktape'
20 # Use CoffeeScript for .coffee assets and views
21 gem 'coffee-rails', '~> 4.2'
22 # Turbolinks makes navigating your web application faster. Read more: https://github.com/turbolinks/turbolinks
23 gem 'turbolinks', '~> 5'

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Using xpath 3.1.0
Using capybara 3.8.2
Using ffi 1.9.25 (x64-mingw32)
Using childprocess 0.9.0
Using chromedriver-helper 2.1.0
Using coffee-script-source 1.12.2
Using execjs 2.7.0
Using coffee-script 2.4.1
Using method_source 0.9.0
Using thor 0.20.0
Using railties 5.2.1
Using coffee-rails 4.2.2

```

2: powershell

Recorte de pantalla realizado: 13/10/2018 1:33 p.m.

CORTAMOS SQLITE Y LO PEGAMOS EN EL GRUPO DE DESARROLLO

Gemfile - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

**EXPLORER**

- OPEN EDITORS 1 UNSAVED
  - create.json.jbuilder app/views/api/v... U
  - index.json.jbuilder app/views/api/v... U
  - show.json.jbuilder app/views/api/v... U
  - listrb app/models U
  - routesrb config U
  - user\_token\_controller.rb app/controllers U
  - knockrb config/initializers U
  - api\_controller.rb app/controllers U
  - Gemfile U
- TODOLIST
  - storage.yml
  - db
  - lib
  - log
  - public
  - storage
  - test
  - tmp
  - vendor
  - .gitignore
  - .ruby-version
  - config.ru
  - Gemfile
  - Gemfile.lock
  - package.json

```

33 # Use Capistrano for deployment
34 # gem 'capistrano-rails', group: :development
35
36 # Reduces boot times through caching; required in config/boot.rb
37 gem 'bootsnap', '>= 1.1.0', require: false
38
39 group :development, :test do
40   gem 'sqlite3'
41
42   # Call 'byebug' anywhere in the code to stop execution and get a debugger console
43   gem 'byebug', platforms: [:mri, :mingw, :x64_mingw]
44 end
45
46 group :development do
47   # Access an interactive console on exception pages or by calling 'console' anywhere in the code.
48   gem 'web-console', '>= 3.0.0'
49 end
50
51 group :test do
52   # Adds support for Capybara system testing and selenium driver
53
54   Using xpath 3.1.0
55   Using capybara 3.8.2
56   Using ffi 1.9.25 (x64-mingw32)
57   Using childprocess 0.9.0
58   Using chromedriver-helper 2.1.0
59   Using coffee-script-source 1.12.2
60   Using execjs 2.7.0
61   Using coffee-script 2.4.1
62

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

2: powershell

Recorte de pantalla realizado: 13/10/2018 1:34 p.m.

# Adds support for Capybara system testing and selenium driver

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

rails\_direct\_uploads POST /rails/active\_storage/direct\_uploads(.:format)  
 ct\_uploads#create  
 PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> bundle install

Using rake 12.3.1  
 Using concurrent-ruby 1.0.5  
 Using i18n 1.1.0  
 Using minitest 5.11.3  
 Using thread\_safe 0.3.6  
 Using tzinfo 1.2.5  
 Using activesupport 5.2.1  
 Using builder 3.2.3  
 Using erubi 1.7.1

Ln 41, Col 2 (14 selected) Spaces: 2 UTF-8 L

Recorte de pantalla realizado: 13/10/2018 1:34 p.m.

database.yml - todolist - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

**EXPLORER**

- OPEN EDITORS 2 UNSAVED
  - index.json.jbuilder app/views/api/v... U
  - show.json.jbuilder app/views/api/v... U
  - listrb app/models U
  - routesrb config U
  - user\_token\_controller.rb app/controllers U
  - knockrb config/initializers U
  - api\_controller.rb app/controllers U
  - Gemfile U
  - database.yml config U
- TODOLIST
  - filter\_parameter\_logging.rb
  - inflections.rb
  - knock.rb
  - mime\_types.rb
  - wrap\_parameters.rb
  - locales
  - application.rb
  - boot.rb
  - cable.yml
  - credentials.yml.enc
  - ! database.yml
  - environment.rb
  - master.key
  - puma.rb
  - routesrb
  - storage.yml

```

14 database: db/development.sqlite3
15
16 # Warning: The database defined as "test" will be erased and
17 # re-generated from your development database when you run "rake".
18 # Do not set this db to the same as development or production.
19 test:
20   <<: *default
21   database: db/test.sqlite3
22
23 production:
24   <<: default
25   adapter: postgresql
26   host: localhost
27   port: 5432
28   database: TODOLIST
29

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

rails\_direct\_uploads POST /rails/active\_storage/direct\_uploads(.:format)  
 ct\_uploads#create  
 PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> bundle install

Using rake 12.3.1  
 Using concurrent-ruby 1.0.5  
 Using i18n 1.1.0  
 Using minitest 5.11.3  
 Using thread\_safe 0.3.6  
 Using tzinfo 1.2.5  
 Using activesupport 5.2.1  
 Using builder 3.2.3  
 Using erubi 1.7.1

Ln 29, Col 21 (100 selected) Spaces: 2 LIT

Recorte de pantalla realizado: 13/10/2018 1:37 p.m.

HEROKU ES COMO TENER UN SERVIDOR

Getting Started on Heroku with Rails 5.x | Personal apps | Heroku | Correo: adriana barrero - Outlook | pg | RubyGems.org | alojamiento | +

Heroku, Inc. [US] | https://devcenter.heroku.com/articles/getting-started-with-rails5

CATEGORIES

- Heroku Architecture
- Command Line
- Deployment
- Continuous Delivery
- Language Support
  - Node.js
  - Ruby
    - Working with Bundler
    - Rails Support
  - Python
  - Java
  - PHP
  - Go
  - Scala
  - Clojure
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- Databases & Data Management
- Monitoring & Metrics

Language Support > Ruby > Rails Support > Getting Started on Heroku with Rails 5.x

Last updated 15 August 2018

## Getting Started on Heroku with Rails 5.x

Table of Contents

- Local setup
- Create a new Rails app (or upgrade an existing one)
- Add the pg gem
- Create a welcome page
- Heroku gems
- Specify your Ruby version
- Store your app in Git
- Deploy your application to Heroku
- Migrate your database
- Visit your application
- View logs
- Dyno sleeping and scaling
- Run the Rails console
- Run Rake commands

Recorte de pantalla realizado: 13/10/2018 1:42 p.m.

```
use bundle info [gemname] to see where a bundled gem is installed.  
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku login  
heroku: Enter your login credentials  
Email [chanitos19@hotmail.com]:
```

Recorte de pantalla realizado: 13/10/2018 1:43 p.m.

```
bundle complete: 17 gemfile dependencies, 79 gems now installed.  
Use `bundle info [gemname]` to see where a bundled gem is installed.  
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku login  
heroku: Enter your login credentials  
Email [chanitos19@hotmail.com]: chanitos19@hotmail.com  
Password: *****  
Logged in as chanitos19@hotmail.com  
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

Recorte de pantalla realizado: 13/10/2018 1:45 p.m.

.heroku.com/articles/getting-started-with-rails5#create-a-welcome-page

## Create a welcome page

Rails 5 no longer has a static index page in production. When you're using a new app, there will not be a root page in production, so we need to create one. We will first create a controller called `welcome` for our home page to live:

```
$ rails generate controller welcome
```

Next we'll add an index page:

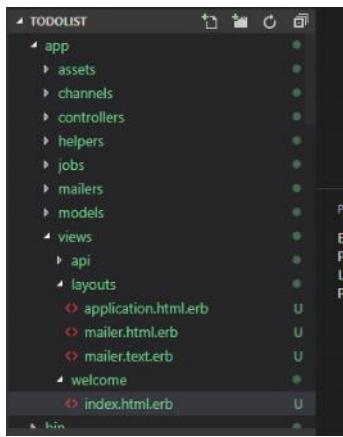
Recorte de pantalla realizado: 13/10/2018 1:45 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL  
Email [chanitos19@hotmail.com]: chanitos19@hotmail.com  
Password: *****  
Logged in as chanitos19@hotmail.com  
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> rails generate controller welcome  
create app/controllers/welcome_controller.rb  
invoke erb  
create app/views/welcome  
invoke test_unit  
create test/controllers/welcome_controller_test.rb  
invoke helper  
create app/helpers/welcome_helper.rb  
invoke test_unit
```

Recorte de pantalla realizado: 13/10/2018 1:46 p.m.

Recorte de pantalla realizado: 13/10/2018 1:48 p.m.

Creo el archivo index.html.erb

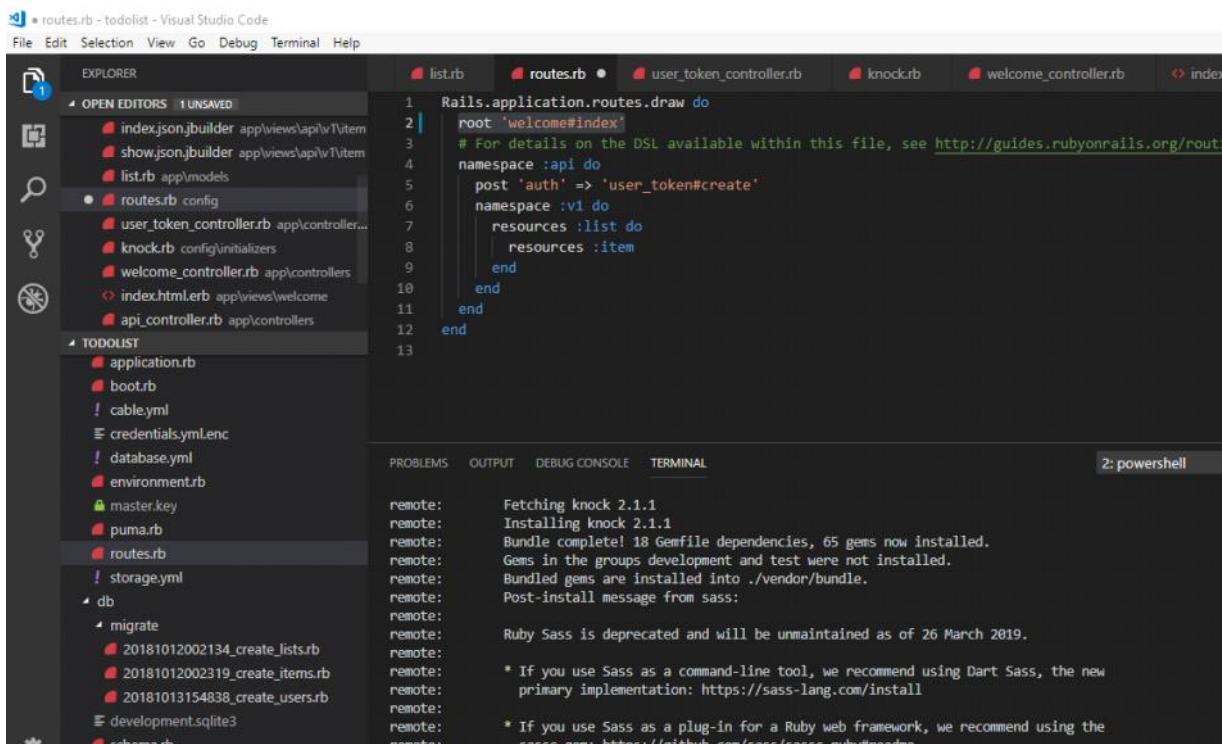
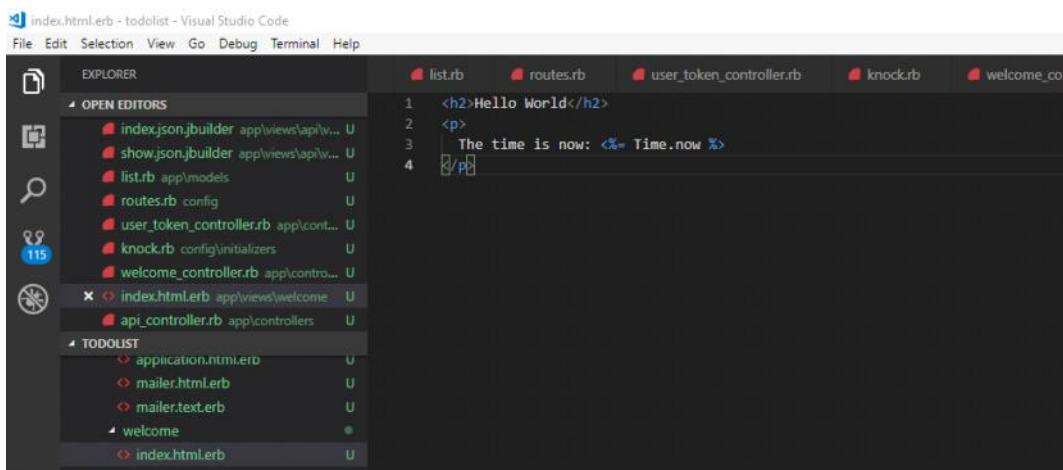


Recorte de pantalla realizado: 13/10/2018 1:50 p.m.

Escribo lo siguiente

In file app/views/welcome/index.html.erb write:

```
<h2>Hello World</h2>
<p>
  The time is now: <%= Time.now %>
</p>
```



Recorte de pantalla realizado: 13/10/2018 2:09 p.m.

Recorte de pantalla realizado: 13/10/2018 1:53 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
invoke coffee
create app/assets/javascripts/welcome.coffee
invoke scss
create app/assets/stylesheets/welcome.scss
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
```

Recorte de pantalla realizado: 13/10/2018 2:00 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
vendor/
nothing added to commit but untracked files present (use "git add" to track)
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> git add .
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Gemfile.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in Gemfile.lock.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory.
```

Recorte de pantalla realizado: 13/10/2018 2:00 p.m.

The file will have its original line endings in your working directory.  
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> git commit -m "initial"
[master (root-commit) 56b2575] inicial
115 files changed, 1528 insertions(+)
create mode 100644 .gitignore
create mode 100644 .ruby-version

Recorte de pantalla realizado: 13/10/2018 2:01 p.m.

CON HEROKU CREATE crea el servidor, instala las gemas, crea la base en postgrades....

```
create mode 100644 vendor/.keep
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku create
Creating app... done, ⬤ mysterious-oasis-69948
https://mysterious-oasis-69948.herokuapp.com/ | https://git.heroku.com/myste
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

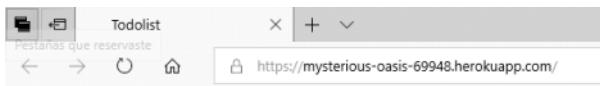
Recorte de pantalla realizado: 13/10/2018 2:03 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
create mode 100644 vendor/.keep
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku create
Creating app... done, ⬤ mysterious-oasis-69948
https://mysterious-oasis-69948.herokuapp.com/ | https://git.heroku.com/myste
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> git push heroku master
Enumerating objects: 128, done.
Counting objects: 100% (128/128), done.
Delta compression using up to 4 threads.
Compressing objects: 100% (109/109), done.
Writing objects: 100% (128/128), 26.38 KiB | 818.00 KiB/s, done.
Total 128 (delta 9), reused 0 (delta 0)
remote: Compressing source files... done.
```

Recorte de pantalla realizado: 13/10/2018 2:05 p.m.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
remote: ----> Discovering process types
remote:      Procfile declares types      -> (none)
remote:      Default types for buildpack -> console, rake, web, worker
remote:
remote: ----> Compressing...
remote:      Done: 51.6M
remote: ----> Launching...
remote:      Released v5
remote:      https://mysterious-oasis-69948.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/mysterious-oasis-69948.git
  56b2575..d8232db master -> master
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku open
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

Recorte de pantalla realizado: 13/10/2018 2:14 p.m.



## Hello World

The time is now: 2018-10-13 19:13:50 +0000

Recorte de pantalla realizado: 13/10/2018 2:14 p.m.

SI AL MIGRAR SALE EL SIGUIENTE ERROR:

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> heroku run rake db:migrate
Running rake db:migrate on ⬤ mysterious-sierra-93907... up, run.1212 (Free)
rake aborted!
PG::ConnectionBad: could not connect to server: Connection refused
  Is the server running on host "localhost" (127.0.0.1) and accepting
  TCP/IP connections on port 5432?
/app/vendor/bundle/ruby/2.4.0/gems/pg-1.1.3/lib/pg.rb:56:in `initialize'
/app/vendor/bundle/ruby/2.4.0/gems/pg-1.1.3/lib/pg.rb:56:in `new'
```

Recorte de pantalla realizado: 13/10/2018 3:09 p.m.

ENTONCES SE DEBE HACER:

If heroku-postgresql doesn't appear in your app's list of add-ons, you can provision it with the following CLI command:

```
$ heroku addons:create heroku-postgresql
```

Desde <<https://devcenter.heroku.com/articles/heroku-postgresql>>

```
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> heroku addons:create heroku-postgresql
Creating heroku-postgresql on ⬤ mysterious-sierra-93907... free
Database has been created and is available
! This database is empty. If upgrading, you can transfer
! data from another database with pg:copy
Created postgresql-fluffy-63105 as DATABASE_URL
Use heroku addons:docs heroku-postgresql to view documentation
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> heroku run rake db:migrate
Running rake db:migrate on ⬤ mysterious-sierra-93907... up, run.7683 (Free)
D, [2018-10-13T20:05:06.542437 #4] DEBUG -- :   (15.0ms) CREATE TABLE "schema_migrations" ("version" character varying NOT NULL PRIMARY KEY)
```

Recorte de pantalla realizado: 13/10/2018 3:08 p.m.

AHORA MIGRAMOS LAS BASES A HEROKU

## Migrate your database

If you are using the database in your application, you need to manually migrate the database by running:

```
$ heroku run rake db:migrate
```

Any commands after the `heroku run` are executed on a Heroku dyno. You can obtain an interactive shell session by running `$ heroku run bash`.

```
Use heroku addons:docs heroku-postgresql to view documentation
PS D:\ADRIANA\cursos los sábados\11-09-18\todolist> heroku run rake db:migrate
Running rake db:migrate on ⬤ mysterious-sierra-93907... up, run.7683 (Free)
D, [2018-10-13T20:05:06.542437 #4] DEBUG -- :   (15.0ms) CREATE TABLE "schema_migrations" ("version" character varying NOT NULL PRIMARY KEY)
D, [2018-10-13T20:05:06.559980 #4] DEBUG -- :   (12.1ms) CREATE TABLE "ar_internal_metadata" ("key" character varying NOT NULL PRIMARY KEY,
"value" character varying, "created_at" timestamp NOT NULL, "updated_at" timestamp NOT NULL)
D, [2018-10-13T20:05:06.564365 #4] DEBUG -- :   (2.6ms) SELECT pg_try_advisory_lock(5609321250022725698)
D, [2018-10-13T20:05:06.634136 #4] DEBUG -- :   (2.7ms) SELECT "schema_migrations"."version" FROM "schema_migrations" ORDER BY "schema_migrations"."version" ASC
I, [2018-10-13T20:05:06.637827 #4] INFO -- : Migrating to CreateLists (20181012002134)
D, [2018-10-13T20:05:06.650776 #4] DEBUG -- :   (7.1ms) BEGIN
== 20181012002134 CreateLists: migrating =====
```

Recorte de pantalla realizado: 13/10/2018 3:10 p.m.

Recorte de pantalla realizado: 13/10/2018 2:33 p.m.

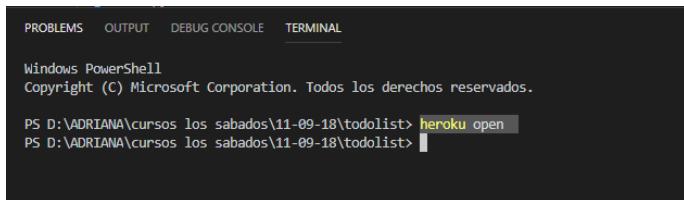
## Run the Rails console

Heroku allows you to run commands in a one-off dyno - scripts and applications that only need to be executed when needed - using the `heroku run` command. Use this to launch a Rails console process attached to your local terminal for experimenting in your app's environment:

```
$ heroku run rails console
irb(main):001:0> puts 1+1
2
```

Another useful command for debugging is `$ heroku run bash` which will spin up a new dyno and give you access to a bash session.

Recorte de pantalla realizado: 13/10/2018 2:34 p.m.

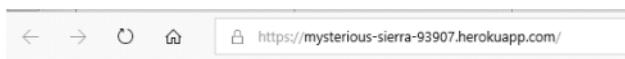


```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku open
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
```

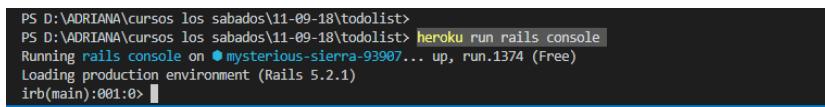
Recorte de pantalla realizado: 13/10/2018 3:17 p.m.



## Hello World

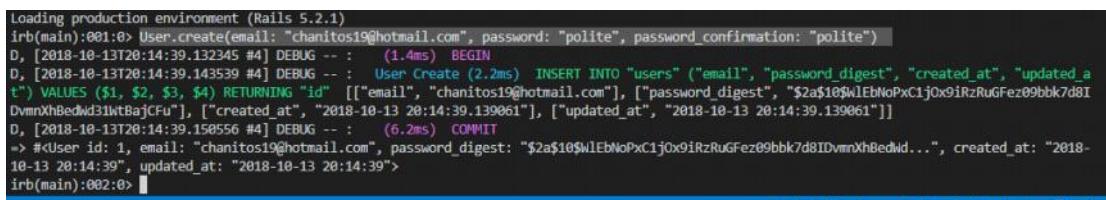
The time is now: 2018-10-13 20:15:43 +0000

Recorte de pantalla realizado: 13/10/2018 3:18 p.m.



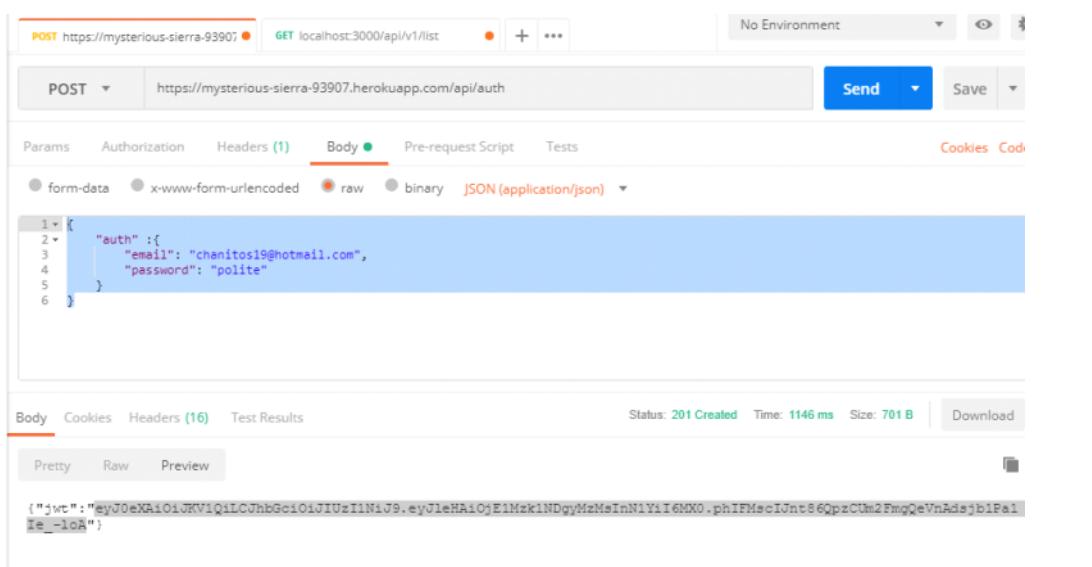
```
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist>
PS D:\ADRIANA\cursos los sabados\11-09-18\todolist> heroku run rails console
Running rails console on ⬤ mysterious-sierra-93907... up, run.1374 (Free)
Loading production environment (Rails 5.2.1)
irb(main):001:0>
```

Recorte de pantalla realizado: 13/10/2018 3:11 p.m.



```
Loading production environment (Rails 5.2.1)
irb(main):001:0> User.create(email: "chanitos19@hotmail.com", password: "polite", password_confirmation: "polite")
D, [2018-10-13T20:14:39.132345 #4] DEBUG -- :   (1.4ms)  BEGIN
D, [2018-10-13T20:14:39.143539 #4] DEBUG -- :     User Create (2.2ms)  INSERT INTO "users" ("email", "password_digest", "created_at", "updated_at") VALUES ($1, $2, $3, $4) RETURNING "id"
[[{"email": "chanitos19@hotmail.com"}, {"password_digest": "$2a$10$wleBnOpxCijOx9iRzRuGFez09bbk7d8IDvmnXhBedWd...", "created_at": "2018-10-13 20:14:39.139061"}, {"updated_at": "2018-10-13 20:14:39"}]
D, [2018-10-13T20:14:39.150556 #4] DEBUG -- :   (6.2ms)  COMMIT
=> #<User id: 1, email: "chanitos19@hotmail.com", password_digest: "$2a$10$wleBnOpxCijOx9iRzRuGFez09bbk7d8IDvmnXhBedWd...", created_at: "2018-10-13 20:14:39", updated_at: "2018-10-13 20:14:39">
irb(main):002:0>
```

Recorte de pantalla realizado: 13/10/2018 3:15 p.m.



POST https://mysterious-sierra-93907/

GET localhost:3000/api/v1/list

No Environment

POST https://mysterious-sierra-93907.herokuapp.com/api/auth

Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1+ [
  2+   "auth" :{
  3+     "email": "chanitos19@hotmail.com",
  4+     "password": "polite"
  5+   }
  6+ ]
```

Status: 201 Created Time: 1146 ms Size: 701 B Download

Pretty Raw Preview

```
{ "jwt": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1Mzk1NDgyMzMzInNjYiI6MX0.phIFMcIJnt86QpzClm2FmgQeVnHdsjb1Pa1Ie_iOA" }
```

Recorte de pantalla realizado: 13/10/2018 3:18 p.m.

POST https://mysterious-sierra-93907. GET https://mysterious-sierra-93907. + ... No Environment

https://mysterious-sierra-93907.herokuapp.com/api/v1/list

GET https://mysterious-sierra-93907.herokuapp.com/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...				
Key	Value	Description			

Body Cookies Headers (16) Test Results Status: 200 OK Time: 1286 ms Size: 582 B Download

Pretty Raw Preview JSON

```
1 - [{  
2   "lists": []  
3 }]
```

Recorte de pantalla realizado: 13/10/2018 3:19 p.m.

Para poner

POST https://mysterious-sierra-93907.herokuapp.com/api/v1/list

POST https://mysterious-sierra-93907.herokuapp.com/api/v1/list Send Save

Params Authorization Headers (2) Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Type	application/json				
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...				
Key	Value	Description			

Body Cookies Headers (16) Test Results Status: 201 Created Time: 219 ms Size: 577 B Download

Pretty Raw Preview JSON

```
1 { }
```

Le doy send

POST https://mysterious-sierra-93907.herokuapp.com/api/v1/list

POST https://mysterious-sierra-93907.herokuapp.com/api/v1/list Send Save

Params Authorization Headers (2) Body Pre-request Script Tests Cookies Cor

form-data  x-www-form-urlencoded  raw  binary JSON (application/json)

```
1 - {  
2   "list" :{  
3     "name": "list2"  
4   }  
5 }
```

Recorte de pantalla realizado: 13/10/2018 3:46 p.m.

Para ver

POST https://mysteriou... GET https://mysteriou... POST https://mysteriou... GET https://mysteriou... + ... No Environment

https://mysterious-sierra-93907.herokuapp.com/api/v1/list

GET https://mysterious-sierra-93907.herokuapp.com/api/v1/list Send Save

Params Authorization Headers (1) Body Pre-request Script Tests Cookies Code

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJl...				
Key	Value	Description			

Body Cookies Headers (16) Test Results Status: 200 OK Time: 123 ms Size: 685 B Download

Pretty Raw Preview JSON

```
1+ [ 2+   "lists": [ 3+     { 4+       "id": 1, 5+       "name": "list2", 6+       "created_at": "2018-10-13T20:45:18.819Z", 7+       "updated_at": "2018-10-13T20:45:18.819Z" 8+     } 9+   ] 10 }
```

Recorte de pantalla realizado: 13/10/2018 3:48 p.m.

Recorte de pantalla realizado: 13/10/2018 3:45 p.m.

Recorte de pantalla realizado: 13/10/2018 3:17 p.m.

Recorte de pantalla realizado: 13/10/2018 3:11 p.m.

Recorte de pantalla realizado: 13/10/2018 1:50 p.m.

Recorte de pantalla realizado: 13/10/2018 11:23 a.m.

Recorte de pantalla realizado: 13/10/2018 11:23 a.m.

Recorte de pantalla realizado: 13/10/2018 11:22 a.m.

Recorte de pantalla realizado: 13/10/2018 11:17 a.m.

Recorte de pantalla realizado: 13/10/2018 10:26 a.m.

Recorte de pantalla realizado: 13/10/2018 9:32 a.m.

Recorte de pantalla realizado: 13/10/2018 9:29 a.m.

Recorte de pantalla realizado: 11/10/2018 8:42 p.m.

Recorte de pantalla realizado: 11/10/2018 8:42 p.m.

Recorte de pantalla realizado: 11/10/2018 7:49 p.m.

