

Rudy on rails Rspec setup

[Step 1: Make sure your environment is working](#)

[Step 2: download Rspec](#)

[Step 3: Running commands to get Rspec working](#)

Small notes

- Make sure to know your docker container name or id
- Make sure you are in the docker container
- When you # it means your in the docker container
- When you see % it means your on your local computer

Before Beginning these are some of the requirements:

- Must have a docker image created
- Must have some kind of IDE that will be running your code for this documentation it will be vscode
- It must be inside your Portfolio_app

Step 1: Make sure your environment is working

1. Go to your terminal and run an ls command
2. Then cd into the portfolio_app

```
3 3710workspace % ls
3 3710workspace % cd portfolio_app
3 portfolio_app %
```

1. Then you will run this command docker exec -it <container_id_or_name> /bin/sh to get put in your docker container

```
funny_cohen
[luispaez@Luiss-MacBook-Air-3 portfolio_app % docker exec -it funny_cohen /bin/sh]
#
```

Note that if this command does not work you may have to restart your docker container.

Step 2: Downloading Rspec

You want to make sure your gemfile is updated it should look something like this you will have uncomment rspec in your code and add the remaining part to your code

```
# Run against this stable release
group :development, :test do
  gem 'rspec-rails', '~> 6.0.0'
end
# Or, run against the main branch
# (requires main-branch versions of all related RSpec libraries)
group :development, :test do
  %w[rspec-core rspec-expectations rspec-mocks rspec-rails rspec-support].each do |lib|
    gem lib, git: "https://github.com/rspec/#{lib}.git", branch: 'main'
  end
end
```

After that, you will want to run these commands to get your Rspec working

```
rails generate rspec:install
```

```
rails generate rspec:request student
```

The rails generate rspec:install will Initialize RSpec in your Rails application by creating configuration files and a spec directory, setting up the environment for testing.

The rails generate rspec:request student will request student: Generates a request spec file for the student resource.

Step 3: Running commands to get Rspec working

- `rspec --help` - Displays help information for RSpec, listing available commands and options.
- `rspec` - Runs all RSpec tests in the project, executing tests found in the spec directory.

- `spec/requests/students_spec.rb`- Runs a specific test file, targeting tests located in `students_spec.rb`.
- `rspec --format documentation`- Runs tests and formats the output in a detailed, readable documentation