



> RubyThursday

Ruby Snack #3

Testing Devise
with `factory_girl_rails`
and `ffaker`

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Want To Code Along?



1. Rails app created
2. RSpec installed and set up
3. Home controller created with index view

Check out these videos...



Gemfile Recap



```
group :development, :test do
  gem 'better_errors'
  gem 'capybara-webkit'
  1 gem 'factory_girl_rails'
  2 gem 'ffaker'
  gem 'database_cleaner'
  gem 'letter_opener'
  gem 'rspec-rails'
  gem 'pry'
  gem 'pry-nav'
  gem 'pry-rails', '~> 0.3.2'
  gem 'simple_bdd'
  gem 'shoulda-matchers'
  gem 'spring'
end
```



“Devise is a flexible authentication solution for Rails based on Warden. It:

- Is Rack based;
- Is a complete MVC solution based on Rails engines;
- Allows you to have multiple models signed in at the same time;
- Is based on a modularity concept: use only what you really need.”

factory_girl_rails



- Basically, factory_girl makes versatile factories that you can use in your tests when making object instances.
- factory_girl_rails automatically creates a standard factory when you generate a new model in Rails.

https://github.com/thoughtbot/factory_girl_rails

ffaker



Faster than faker which is:

“A library for generating fake data such as names, addresses, and phone numbers.”

<https://github.com/EmmanuelOga/ffaker>

Devise setup:



```
/Gemfile  
gem 'devise'  
  
$ bundle  
$ rails generate devise:install
```

*Be sure to check out the initializer at:

```
/config/initializers/devise.rb
```

Signin Spec: `/spec/features/signin_spec.rb`



```
require 'rails_helper'

feature "signing in" do
  let(:hacker) {FactoryGirl.create(:hacker)}

  def fill_in_signin_fields
    fill_in "hacker[email]", with: hacker.email
    fill_in "hacker[password]", with: hacker.password
    click_button "Log in"
  end

  scenario "visiting the site to sign in" do
    visit root_path
    click_link "Sign in"
    fill_in_signin_fields
    expect(page).to have_content("Signed in successfully.")
  end
end
```


Run the Spec:



```
$ rspec spec/features/signin_spec.rb
```

Devise model generator:



“This will create a model (if one does not exist) and configure it with default Devise modules. The generator also configures your config/routes.rb file to point to the Devise controller.”

```
$ rails generate devise Hacker
```

or simply

```
$ rails g devise Hacker
```

Check out migration file to add any modules, ex. confirmable.

```
$ rake db:migrate
```

HTML: /app/views/layouts/application.html.erb



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

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

```
<%= link_to('Sign in', new_hacker_session_path) %>
```

Create Factory:

/app/spec/factories/hackers.rb



```
FactoryGirl.define do

  factory :hacker do
    email { FFaker::Internet.email }
    password { Devise.friendly_token.first(8) }
  end

end
```

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