> RubyThursday

Ruby Snack #3

Testing Devise
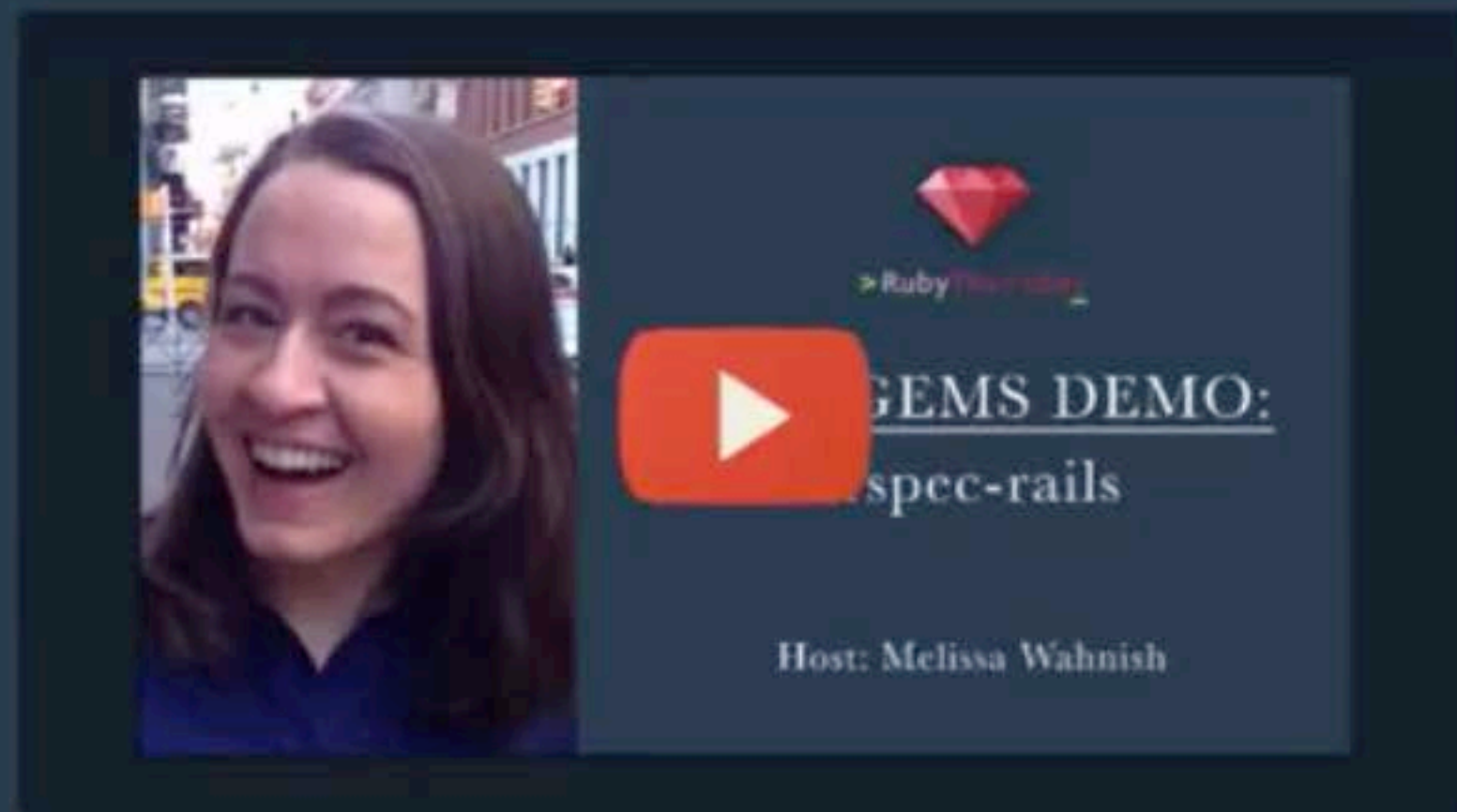with factory_girl_rails
and ffaker

Hosted By: Melissa Wahnish

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...

GET L___ ___NG #2:
Generate a___ __t & Github

GEMS DEMO:
___spec-rails

Host: Melissa Wahnish

Gemfile Recap

```ruby
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

"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."

https://github.com/plataformatec/devise

devise.png   Run image optimizer on the logo (I'm done)   2 years ago

README.md

devise

By Plataformatec.

`build error` `code climate` `security no warnings`

This README is also available in a friendly navigable format.

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.

It's composed of 10 modules:

- Database Authenticatable: encrypts and stores a password in the database to validate the authenticity of a user while signing in. The authentication can be done both through POST requests or HTTP Basic Authentication.

README.md

factory_girl_rails `build passing` `code climate 4.0`

factory_girl is a fixtures replacement with a straightforward definition syntax, support for multiple build strategies (saved instances, unsaved instances, attribute hashes, and stubbed objects), and support for multiple factories for the same class (`user` , `admin_user` , and so on), including factory inheritance.

Rails

factory_girl_rails provides Rails integration for factory_girl.

Currently, automatic factory definition loading is the only Rails-specific feature.

Supported Rails versions are listed in `Appraisals` . Supported Ruby versions are listed in `.travis.yml` .

Download

Github: http://github.com/thoughtbot/factory_girl_rails

Gem:

```
gem install factory_girl_rails
```

ffaker

Faster than faker which is:

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

branch: master ▾   ffaker / +   ⊟

Revised Readme

👤 **rocknruby** authored 2 hours ago   latest commit 26d59c1a80 📋

📁 lib	Merge pull request #186 from huanzhang/JobCN	a day ago
📁 scripts	Implement a reference generator	a day ago
📁 test	Merge pull request #186 from huanzhang/JobCN	a day ago
📄 .document	Initial commit to ffaker.	5 years ago
📄 .gitignore	moved into its own namespace -- from Faker to FFaker	2 months ago
📄 .travis.ymi	Update travis.ymi	4 months ago
📄 Changelog.md	Fix CHANGELOG	2 months ago
📄 Gemfile	adding Gemfile. also added Gemfile.lock to .gitignore	2 years ago
📄 LICENSE	updated docs	2 years ago
📄 README.md	Revised Readme	2 hours ago
📄 REFERENCE.md	Generate a reference file	a day ago
📄 Rakefile	Merge pull request #194 from EmmanuelOga/feature/reference	2 hours ago
📄 ffaker.gemspec	revert changes on gemspec files	a day ago

📖 **README.md**

build passing   code climate

━━━

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SSH clone URL

git@github.com:Em   📋

You can clone with HTTPS, SSH, or Subversion. ⓘ

⬇ **Download ZIP**

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

```ruby
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
```

```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

```ruby
FactoryGirl.define do

  factory :hacker do
    email { FFaker::Internet.email }

    password {Devise.friendly_token.first(8)}
  end

end
```

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"How to launch a new Rails app" again!