DemoApp with Hanami

Natcha

Growth Session #8 - November 16-17 2017

Hanami

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Indie OSS developer, author of **@hanami** and **@redis-store**.

Hanami is a modern web framework for Ruby.

Hanami

Rails

Frameworks (Full Stack)

Favorites
313

Stacks
4.28K

I Use This

Fans	Votes	Jobs
2.42K	4.99K	2.74K

2.16K	811	284K

Hanami

Frameworks (Full Stack)

Favorites
9

Stacks
10

I Use This

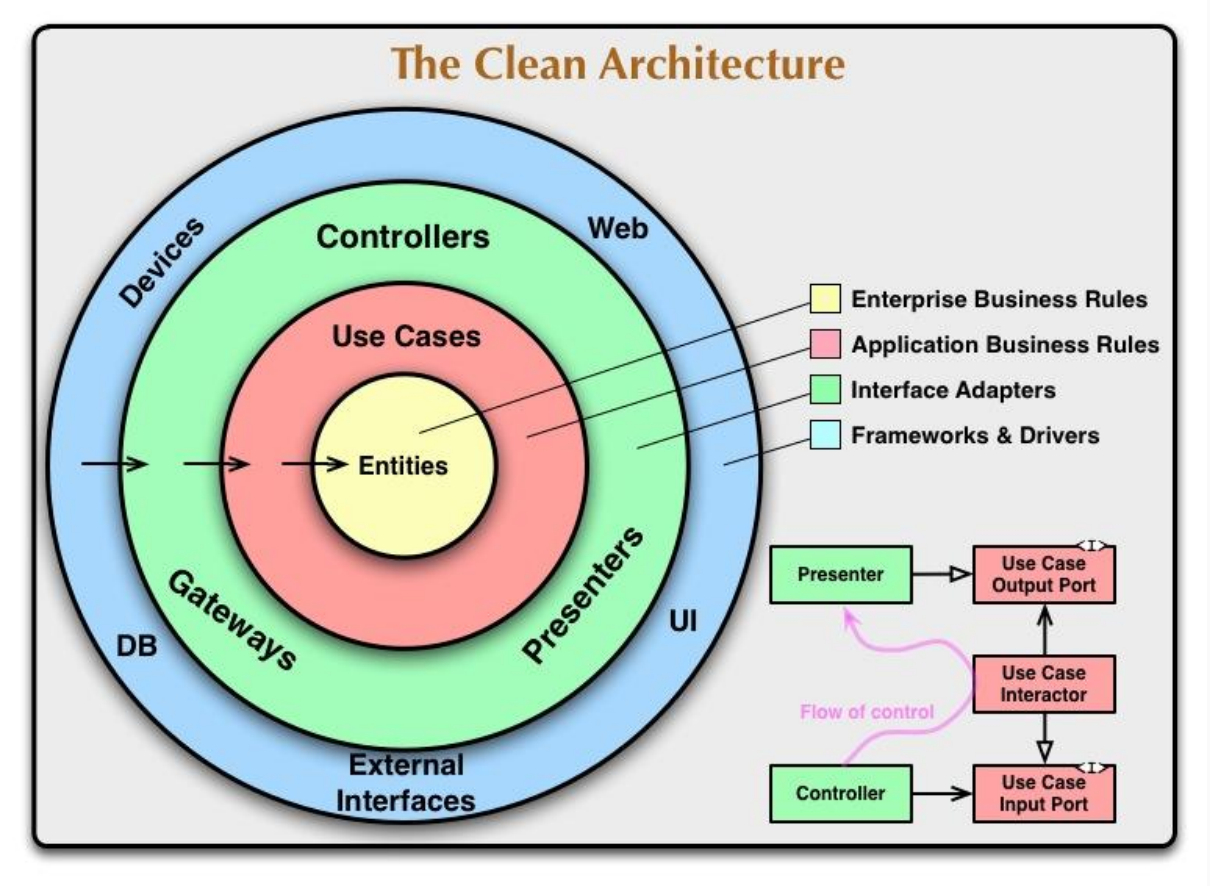
Fans	Votes	Jobs
19	12	1

389	561	43

Architectures

```
apps/web
├── application.rb
├── assets
│   ├── favicon.ico
│   ├── images
│   ├── javascripts
│   └── stylesheets
├── config
│   └── routes.rb
├── controllers
├── templates
│   └── application.html.erb
└── views
    └── application_layout.rb
```

Base on Clean Architecture Principle



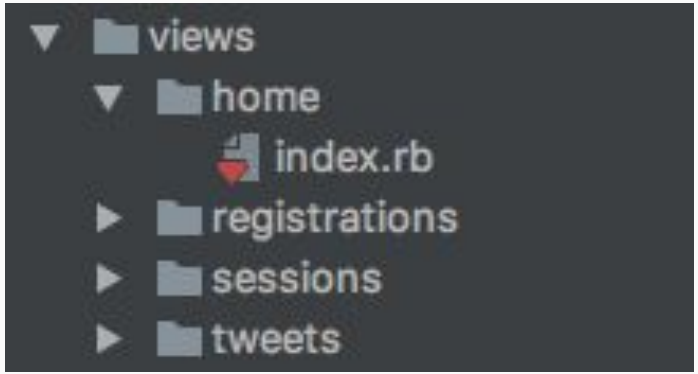
Controller

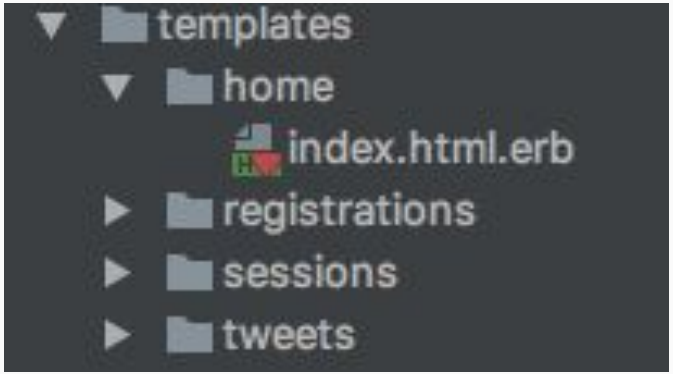
```ruby
class Admin::UsersController < ActionController::Base
  def index
    @users = User.all
  end
  def show
    @user = User.find_by(id: params[:id])
  end
end
```

```ruby
module Admin::Controllers::Users
  class Index
    include Admin::Action
    expose :users
    def call(params)
      @users = User.all
    end
  end
end
```

```ruby
module Admin::Controllers::Users
  class Show
    include Admin::Action
    expose :user
    def call(params)
      @user = User.find(id: params[:id])
    end
  end
end
```

View and Template

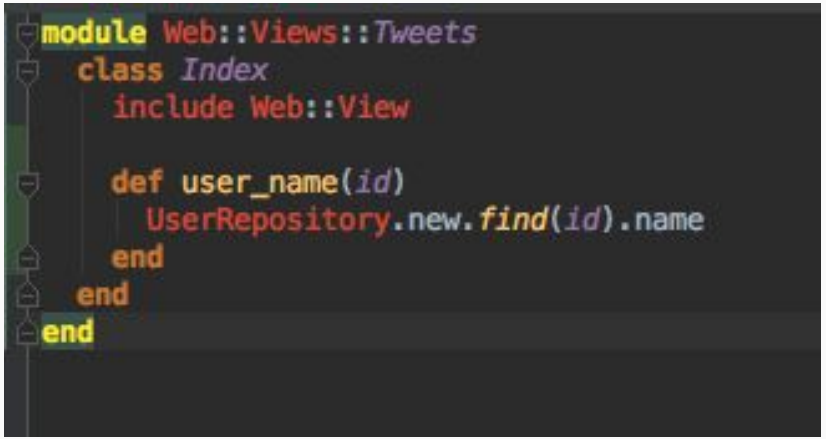




View and Template

```ruby
# apps/web/views/dashboard/index.rb
module Web::Views::Dashboard
  class Index
    include Web::View
  end
end
```

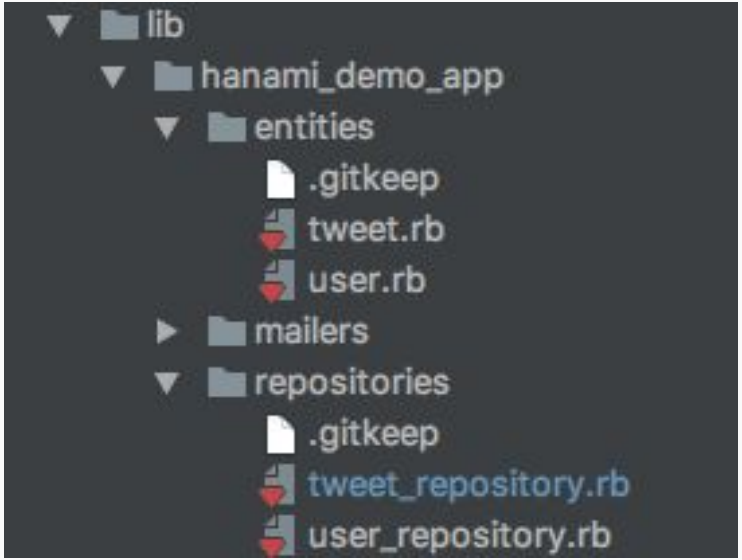
```ruby
# apps/web/views/dashboard/index.rb
module Web::Views::Dashboard
  class Index
    include Web::View

    def render
      raw %(<h1>Dashboard</h1>)
    end
  end
end
```



Entity and Repository

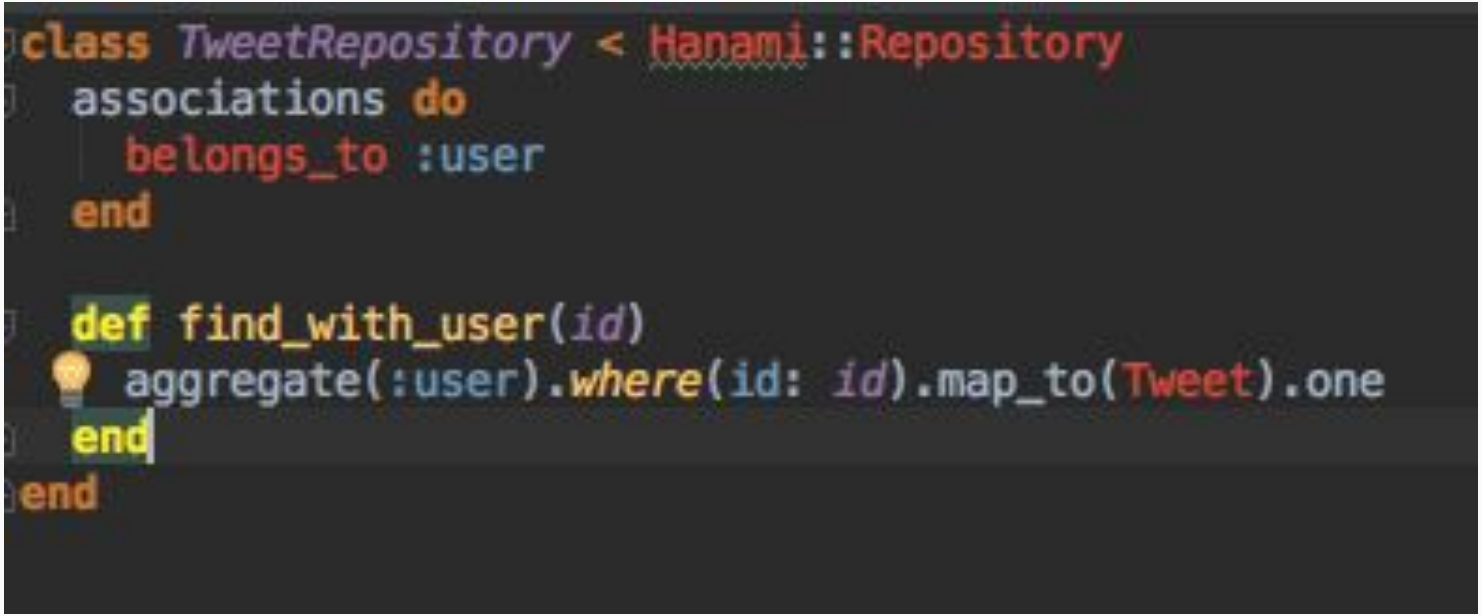
- An entity is domain object that is defined by its identity.

- An object that mediates between entities and the persistence layer.
  - take the entity and attempt to persist it to a database
  - retrieve an entity from a database
  - query entities from a database
  - update entities in a database
  - etc.



No ActiveRecord

No ActiveRecord



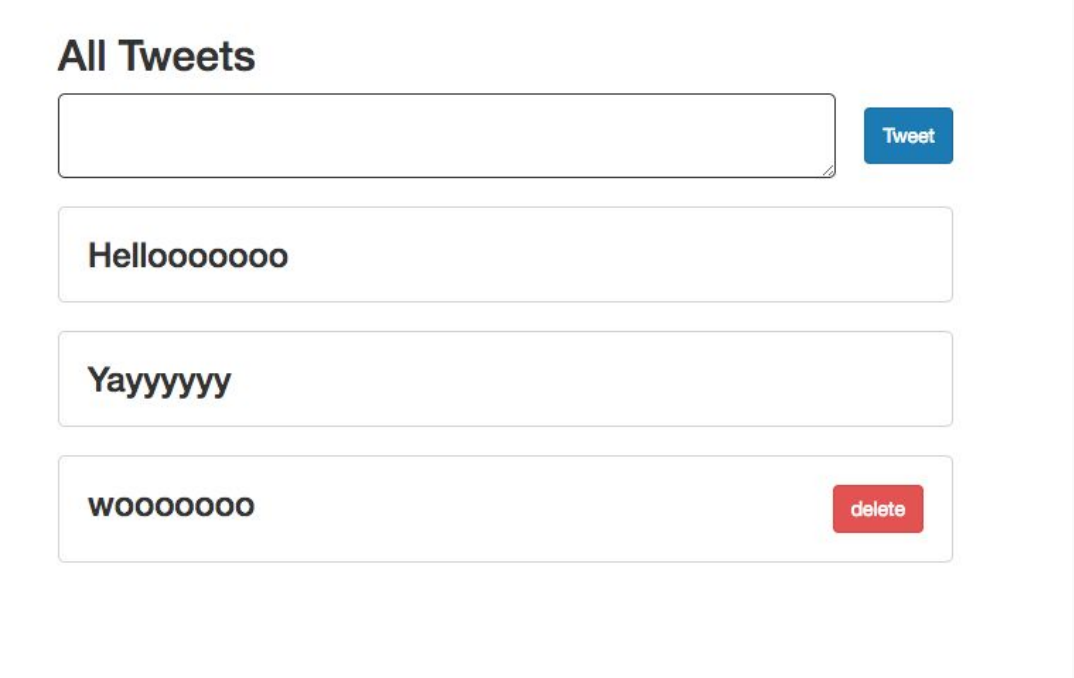
Hanami

- Pros
  - Flexible to customize
  - Light and fast
  - Good documentation

- Cons
  - Community still young
  - Lack of great gems
  - Not much provided helper

Project Achievement

- Demo Tweet App
- Email Authentication
- Tweet message
- Delete user's tweet
- Following/Follower



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SCHOOL BUS

Thanks!

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