

DemoApp with Hanami

Natcha

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



Hanami is a modern web framework for Ruby.



Rails

Frameworks (Full Stack)

Favorites



313

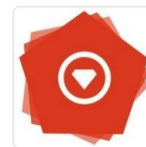
Stacks

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

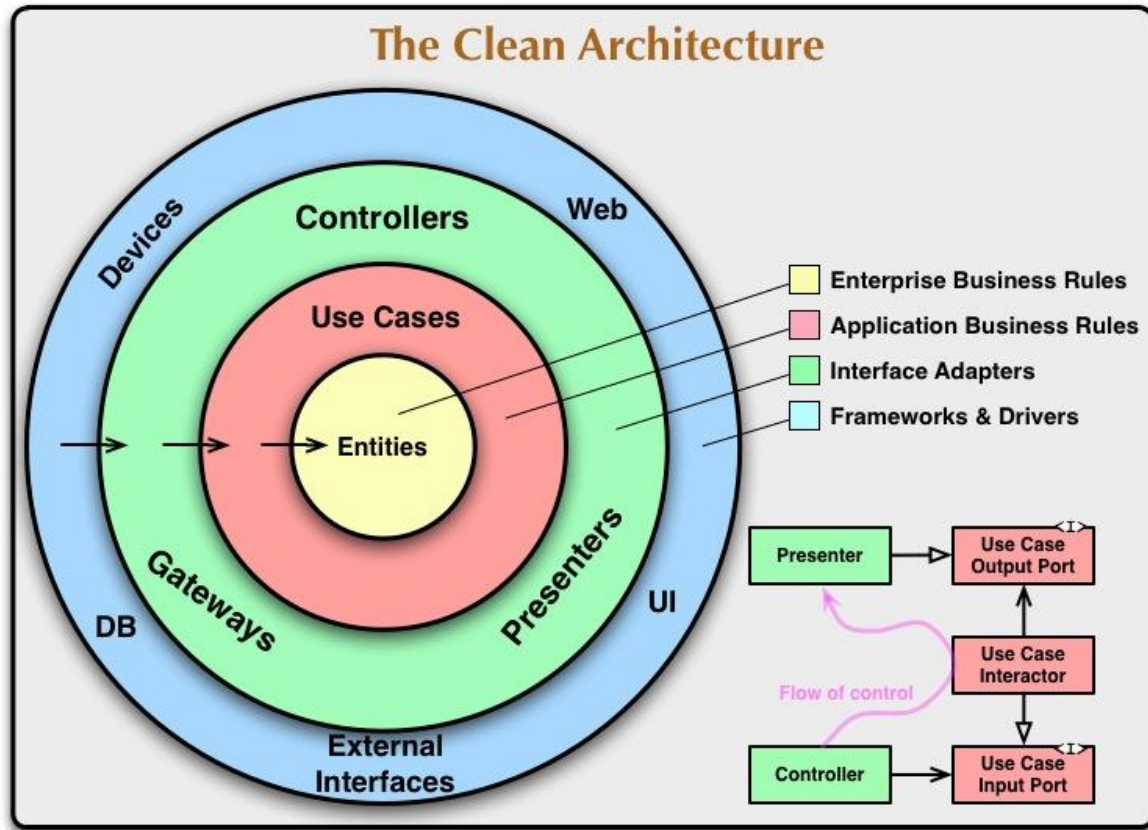
[I Use This](#)

Fans	Votes	Jobs
19	12	1

389	561	43

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

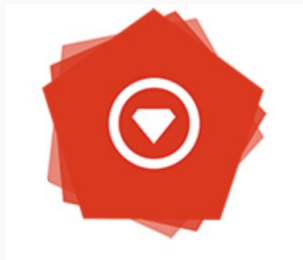
Base on Clean Architecture Principle



Controller



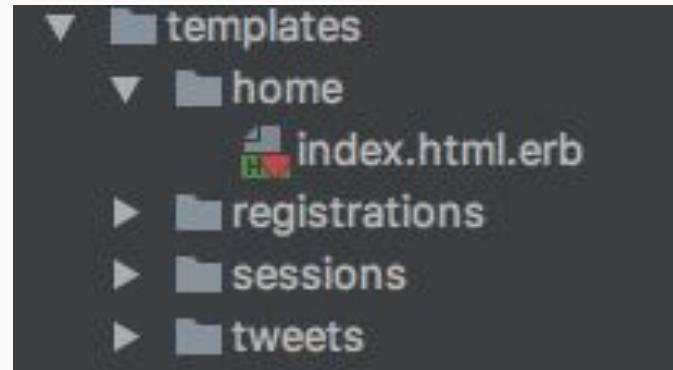
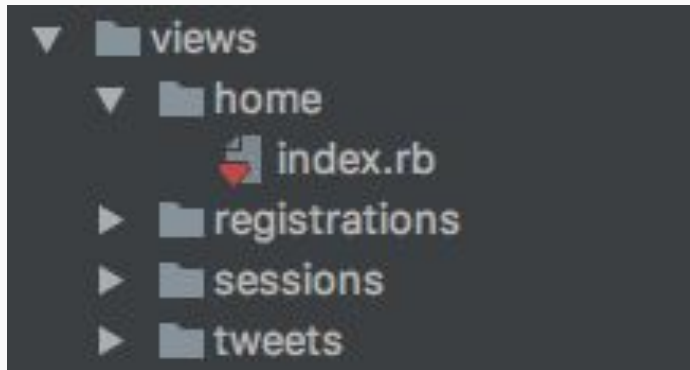
```
class Admin::UsersController < ActionController::Base
  def index
    @users = User.all
  end
  def show
    @user = User.find_by(id: params[:id])
  end
end
```



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

```
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

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

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

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

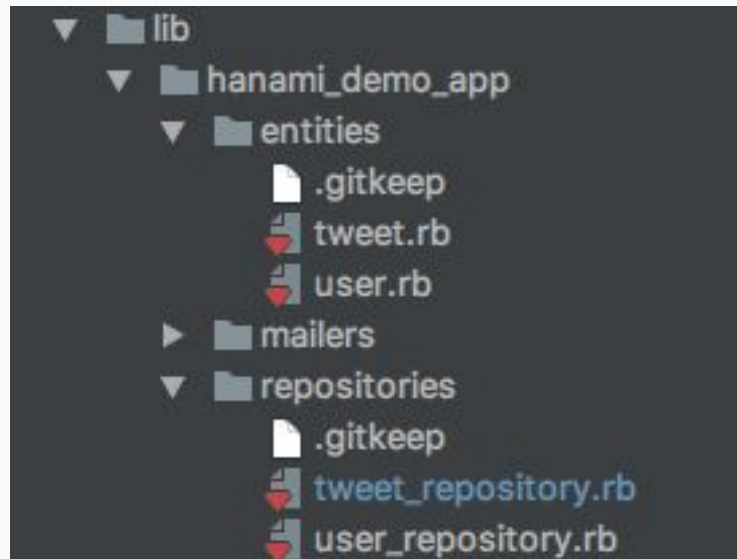
A screenshot of a code editor with a dark background and light-colored text. The code defines a module `Web::Views::Tweets` containing a class `Index`. The class includes `Web::View` and has a method `user_name(id)` that returns `UserRepository.new.find(id).name`. The code is wrapped in a `begin` block.

```
begin
  module Web::Views::Tweets
    class Index
      include Web::View

      def user_name(id)
        UserRepository.new.find(id).name
      end
    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

```
class TweetRepository < Hanami::Repository
  associations do
    belongs_to :user
  end

  def find_with_user(id)
    ⚡ aggregate(:user).where(id: id).map_to(Tweet).one
  end
end
```

- 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

All Tweets

Tweet

Helloooooooo

Yayyyyyyy

Woooooo

delete

ฮานามิ

ข้าวเกรียบ...รวยเพื่อน



Thanks!

Contact Nimbl3

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