

멋쟁이사자처럼 심화 스터디 가이드라인

6주차

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01

6주차 목표

왜 Controller가 맨 마지막일까?

- 왜냐하면 제일 어렵기 때문이지

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6주차 참고자료

퍼펙트 루비온 레일즈 : 6 & 7

[http://guides.rubyonrails.org/
action_controller_overview.html](http://guides.rubyonrails.org/action_controller_overview.html)

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6주차 개인 Todo



Scaffolding 으로 만들어진
컨트롤러, routes.rb 뜯어보기

03

6주차 목차

- Strong parameter
- Filter (before_action, after_action)
- resources
- scaffold, scaffold_controller, resource

Strong Parmater

<퍼펙트 루비 온 레일즈 6.1.1 ~ 6.1.2>

Strong Parmeter라고..?

뭐고 왜 쓰는거지?

기존 강의에서는

@name = params[:name] 이거 엄청 썼는데..

scaffold 컨트롤러에서 이걸 왜 안보이지?

```

# POST /books
# POST /books.json
def create
  @book = Book.new(book_params)

  respond_to do |format|
    if @book.save
      format.html { redirect_to @book, notice: 'Book was successfully created.' }
      format.json { render :show, status: :created, location: @book }
    else
      format.html { render :new }
      format.json { render json: @book.errors, status: :unprocessable_entity }
    end
  end
end

# PATCH/PUT /books/1
# PATCH/PUT /books/1.json
def update
  respond_to do |format|
    if @book.update(book_params)
      format.html { redirect_to @book, notice: 'Book was successfully updated.' }
      format.json { render :show, status: :ok, location: @book }
    else
      format.html { render :edit }
      format.json { render json: @book.errors, status: :unprocessable_entity }
    end
  end
end

...종 략...
private
# Use callbacks to share common setup or constraints between actions.
def set_book
  @book = Book.find(params[:id])
end

# Never trust parameters from the scary internet, only allow the white list through.
def book_params
  params.require(:book).permit(:name, :author)
end
end

```

Strong Parameter

<퍼펙트 루비 온 레일즈 6.1.1 ~ 6.1.2>

실제 Rails 로 제대로 개발을 한다면,
params[:id] 이외에는 모두 위와같이 처리한다!

좀 더 자세히 알아보는 시간을 가져보아요!

05

Filter

<퍼펙트 루비 온 레일즈 3.3, 6.5>

Filter..? 어렵게 생각하지 말자! devise 문서를 읽어 보다면,

<https://github.com/plataformatec/devise>



Controller filters and helpers

Devise will create some helpers to use inside your controllers and views. To set up a controller with user authentication, just add this `before_action` (assuming your devise model is 'User'):

```
before_action :authenticate_user!
```

여기서 `before_action :authenticate_user!` 라던가,

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Filter

<퍼펙트 루비 온 레일즈 3.3, 6.5>

```
class BooksController < ApplicationController
  before_action :set_book, only: [:show, :edit, :update, :destroy]
  #...생략...
```

그리고 scaffolding 에서도 나왔죠!

좀 더 자세한건, rails guide 혹은 퍼루레 참조!

06

Resource

<퍼펙트 루비 온 레일즈 7.1 ~ 7.2>

마찬가지로 routes.rb 파일 역시

거의 모든 라우팅을 resources :post 와 같이 쓴다!

모든 7개 액션이 모두 필요하지 않다면.. 그러니까 가령

만약 create 와 destroy 액션만 필요하다면?

```
resources :posts, only: [:create, :destroy]
```

06

Resource

<퍼펙트 루비 온 레일즈 7.1 ~ 7.2>

가장 흔한 post - reply 와 같은 계층구조를 가진 리소스는?
Nested Resource 라 하여, 이렇게 작성한다!

```
Rails.application.routes.draw do  
  
  resources :posts do  
    resources :replies  
  end  
  
end
```

\$ rake routes 를 확인해 보자

06

Resource

```
Rails.application.routes.draw do

  resources :post do
    resources :reply
  end

end
```

```
likelionty:~/workspace $ rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
post_reply_index	GET		/post/:post_id/reply(.:format)	reply#index
	POST		/post/:post_id/reply(.:format)	reply#create
new_post_reply	GET		/post/:post_id/reply/new(.:format)	reply#new
edit_post_reply	GET		/post/:post_id/reply/:id/edit(.:format)	reply#edit
post_reply	GET		/post/:post_id/reply/:id(.:format)	reply#show
	PATCH		/post/:post_id/reply/:id(.:format)	reply#update
	PUT		/post/:post_id/reply/:id(.:format)	reply#update
	DELETE		/post/:post_id/reply/:id(.:format)	reply#destroy
post_index	GET		/post(.:format)	post#index
	POST		/post(.:format)	post#create
new_post	GET		/post/new(.:format)	post#new
edit_post	GET		/post/:id/edit(.:format)	post#edit
post	GET		/post/:id(.:format)	post#show
	PATCH		/post/:id(.:format)	post#update
	PUT		/post/:id(.:format)	post#update
	DELETE		/post/:id(.:format)	post#destroy

06

Resource

```
Rails.application.routes.draw do

  resources :posts do
    resources :replies, only: [:create, :destroy]
  end
end
```

likelionty:~/workspace \$ rake routes

Prefix	Verb	URI Pattern	Controller#Action
post_replies	POST	/posts/:post_id/replies(.:format)	replies#create
post_reply	DELETE	/posts/:post_id/replies/:id(.:format)	replies#destroy
posts	GET	/posts(.:format)	posts#index
	POST	/posts(.:format)	posts#create
new_post	GET	/posts/new(.:format)	posts#new
edit_post	GET	/posts/:id/edit(.:format)	posts#edit
post	GET	/posts/:id(.:format)	posts#show
	PATCH	/posts/:id(.:format)	posts#update
	PUT	/posts/:id(.:format)	posts#update
	DELETE	/posts/:id(.:format)	posts#destroy

07

\$ rails g

아직(도) 끝나지 않은 g 의 의지

\$ rails g resource [Model_Name]

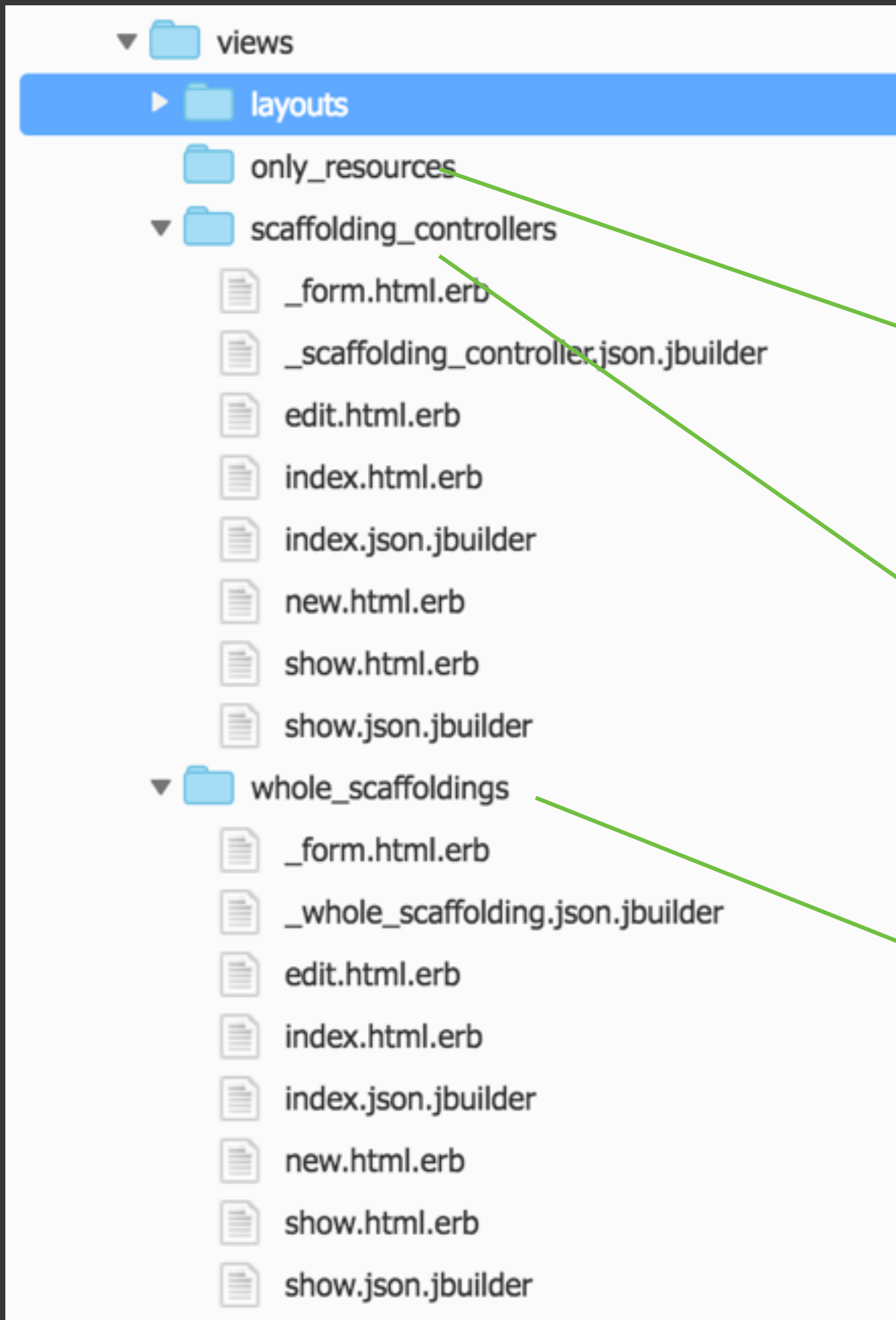
\$ rails g scaffold_controller [Model_Name]

\$ rails g 로 만든 것들

- \$ rails g [만들 것] [이름] [model 의 attribute]
 1. \$ rails g scaffold whole_scaffolding title content
 2. \$ rails g scaffold_controller scaffolding_controller title content
 3. \$ rails g resource only_resource title content

07

Views



\$ rails g resource
view 폴더만 생성

\$ rails g scaffold_controller
모든 view파일들 생성

\$ rails g scaffold
모든 view파일들 생성

07

controllers



```
1 class OnlyResourcesController < ApplicationController
2 end
3
```

\$ rails g resource
비어있는 컨트롤러

```
1 class WholeScaffoldingsController < ApplicationController
2   before_action :set_whole_scaffolding
3
4   # GET /whole_scaffoldings
5   # GET /whole_scaffoldings.json
6   def index
7     @whole_scaffoldings = WholeScaffoldings.all
8   end
9
10  # GET /whole_scaffoldings/:id
11  # GET /whole_scaffoldings/:id.json
12  def show
13  end
14
```

\$ rails g scaffold
CRUD 컨트롤러

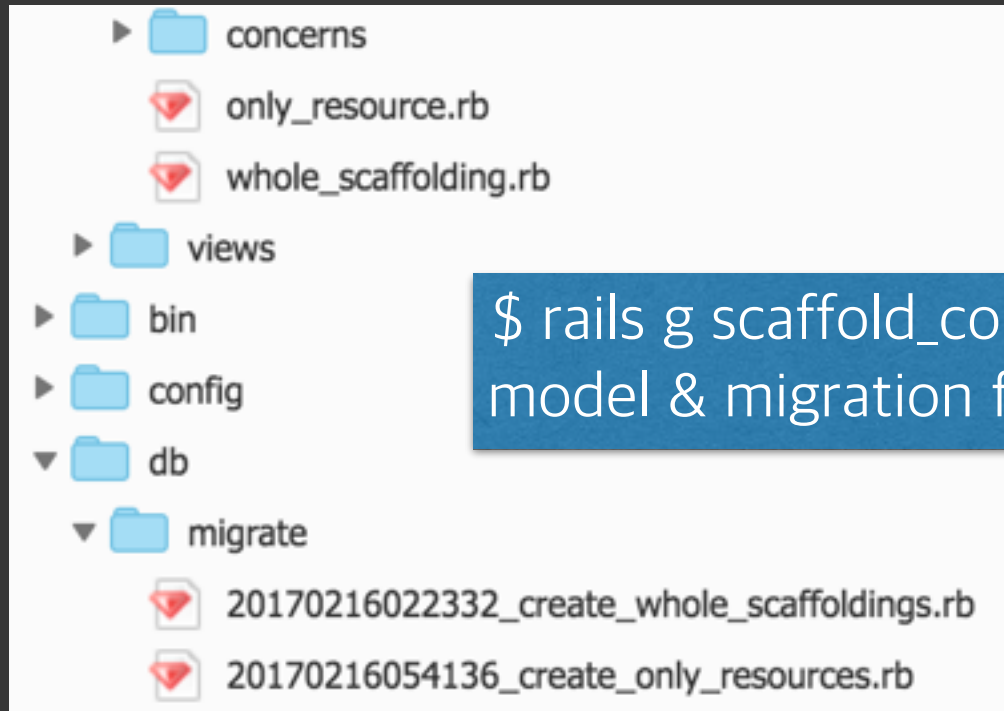
```
1 class ScaffoldingControllersController < ApplicationController
2   before_action :set_scaffolding_controller
3
4   # GET /scaffolding_controllers
5   # GET /scaffolding_controllers.json
6   def index
7     @scaffolding_controllers = ScaffoldingControllers.all
8   end
9
10  # GET /scaffolding_controllers/:id
11  # GET /scaffolding_controllers/:id.json
12  def show
13  end
14
```

\$ rails g scaffold_controller
CRUD 컨트롤러

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Model & Migration



\$ rails g scaffold_controller
model & migration file 없음

```
1 class OnlyResource < ActiveRecord::Base
2 end
3
```

\$ rails g resource
model file

```
1 class CreateOnlyResources < ActiveRecord::Migration
2   def change
3     create_table :only_resources do |t|
4       t.string :title
5       t.string :content
6
7       t.timestamps null: false
8     end
9   end
10 end
```

\$ rails g resource
migration file

```
1 class WholeScaffolding < ActiveRecord::Base
2 end
3
```

\$ rails g scaffold
model file

```
1 class CreateWholeScaffoldings < ActiveRecord::Migration
2   def change
3     create_table :whole_scaffoldings do |t|
4       t.string :title
5       t.string :content
6
7       t.timestamps null: false
8     end
9   end
10 end
```

\$ rails g scaffold
migration file

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07

routes.rb

```
routes.rb

Rails.application.routes.draw do

  resources :only_resources
  resources :whole_scaffoldings

end
```

\$ rails g scaffold_controller
라우팅 없음

```
likelionty:~/workspace $ rake routes
```

	Prefix	Verb	URI Pattern	Controller#Action
only_resources		GET	/only_resources(.:format)	only_resources#index
		POST	/only_resources(.:format)	only_resources#create
new_only_resource		GET	/only_resources/new(.:format)	only_resources#new
edit_only_resource		GET	/only_resources/:id/edit(.:format)	only_resources#edit
only_resource		GET	/only_resources/:id(.:format)	only_resources#show
		PATCH	/only_resources/:id(.:format)	only_resources#update
		PUT	/only_resources/:id(.:format)	only_resources#update
		DELETE	/only_resources/:id(.:format)	only_resources#destroy
whole_scaffoldings		GET	/whole_scaffoldings(.:format)	whole_scaffoldings#index
		POST	/whole_scaffoldings(.:format)	whole_scaffoldings#create
new_whole_scaffolding		GET	/whole_scaffoldings/new(.:format)	whole_scaffoldings#new
edit_whole_scaffolding		GET	/whole_scaffoldings/:id/edit(.:format)	whole_scaffoldings#edit
whole_scaffolding		GET	/whole_scaffoldings/:id(.:format)	whole_scaffoldings#show
		PATCH	/whole_scaffoldings/:id(.:format)	whole_scaffoldings#update
		PUT	/whole_scaffoldings/:id(.:format)	whole_scaffoldings#update
		DELETE	/whole_scaffoldings/:id(.:format)	whole_scaffoldings#destroy

07

정리 Table

\$ rails g	View	Controller	Model	Migration	routes
controller		no action			
controller - action	empty view	empty action			get 'C/A'
model					
migration					
scaffold	All views	7 actions			resources 'model'
scaffold_controller	All views	7 actions			
resource	no files	7 action, empty			resources 'model'

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08

6주차 팀 Todo



위의 내용들을 각자 정리하는 강의자료 만들기

-길게 말고 짧게 부탁드립니다~ 5기 정규강의에 들어가기는 어려운 내용이라
운영진 공부 및 추후 여름 방학중에 학생들이 참고할 수 있게
각자 자료를 정리해 주세요

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