



OBJECT ORIENTED WEB PROGRAMMING USING RUBY

Day 6: 18/May/2017

Merge the design

Step 1

Everyone “push” the design presentation document to the repository.

- 1) Add the presentation document to the project tree, ‘docs’ directory.
- 2) Then, ‘push’ the document to each forked repository.
- 3) ‘New pull request’: will ask the project owner to ‘pull’ the forked document.

Currently, no conflict should happen.

Step 1 : share

We all pull the changes in the original webdbhosei master's, to share the design documents of our team members.

git pull origin(or origin name) master

<https://help.github.com/articles/pushing-to-a-remote/>

Step 2

Now latest “common” project source code in each computer.

Note: View designer will generate controller. Webdbhosei will ‘pull’ those changes.

Step 3 : discussion

While the assigned person “generate” the models or the controllers, we will check the “fields,” “actions,” and such.

Give “Note” to the project.

We share “ToDo” documents in our project.

Step 3 : Understand the specs.

<https://semaphoreci.com/community/tutorials/getting-started-with-rspec>

https://github.com/thoughtbot/factory_girl/blob/master/GETTING_STARTED.md

<https://github.com/teamcapybara/capybara>

Step 3 : Understand the specs.

In Japanese

http://www.atmarkit.co.jp/ait/articles/1409/30/news037_2.html

<http://tech.grooves.com/entry/2015/04/28/173025>

<http://qiita.com/jnchito/items/607f956263c38a5fec24>

Step 4

If we have come to think that we need to install new gem, what we should do?

Before adding the gems to Gemfile, write the "Discussion" file in "docs."

What should we have?

"ToDo.txt", "Proposal.txt," and "Discussion.txt"?



Team ToDo and personal ToDo

Edit .gitignore to Add personal ToDo.txt

Presentation

List up functions of your part (what you image.)

Mockup the view of your screen/ or a wireframe is accepted.

Even a rough sketch will be accepted.

<https://graphicdesign.stackexchange.com/questions/30860/what-is-the-difference-between-wireframes-and-mockups>

Appendix

Generation of Welcome Screen

The command is

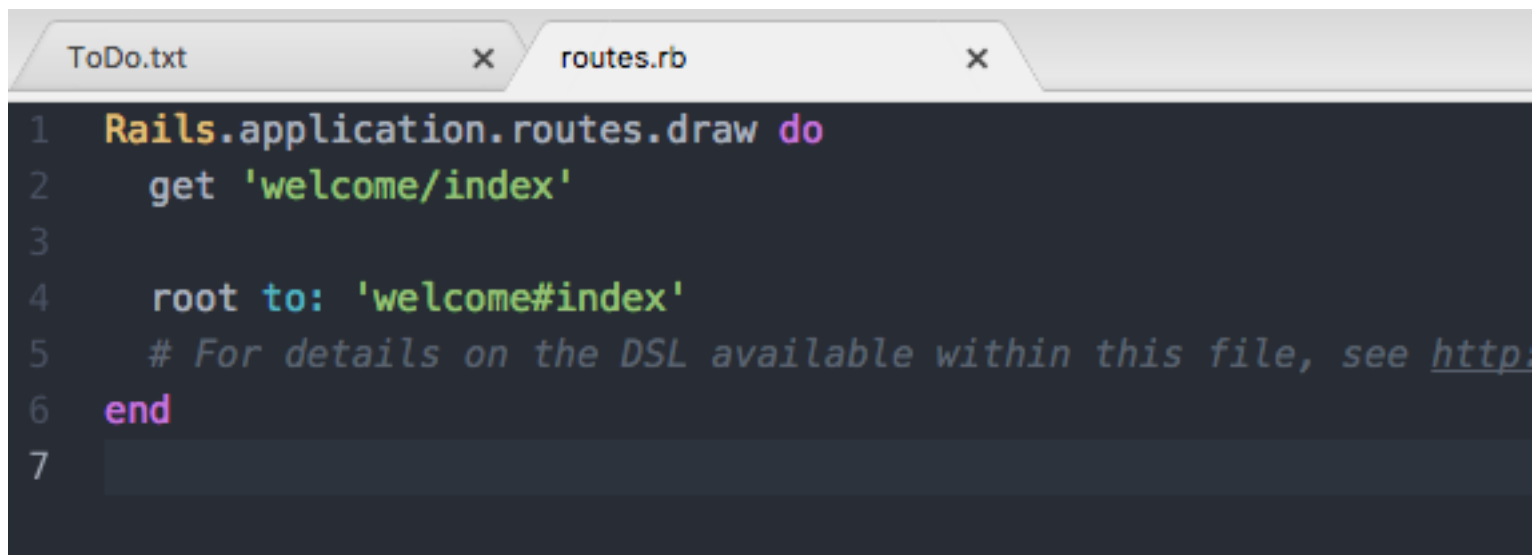
`rails generate controller welcome index`

What happened?

```
create app/controllers/welcome_controller.rb
  route get 'welcome/index'
invoke erb
  create app/views/welcome
  create app/views/welcome/index.html.erb
invoke test_unit
  create test/controllers/welcome_controller_test.rb
invoke helper
  create app/helpers/welcome_helper.rb
invoke test_unit
invoke assets
invoke coffee
  create app/assets/javascripts/welcome.coffee
invoke scss
  create app/assets/stylesheets/welcome.scss
```

Make this welcome#index as root

Edit routes.rb, and added the following line
root to: 'welcome#index'



```
1 Rails.application.routes.draw do
2   get 'welcome/index'
3
4   root to: 'welcome#index'
5   # For details on the DSL available within this file, see http://guides.rubyonrails.org/routing.html
6 end
7
```



app/views/welcome/index.html.erb

Read the file, as the Top page sample.

Gemfile is modified

The following line had been added;

`gem 'i18n-tasks'`

in Gemfile

```
20 # See https://github.com/rails/execjs#readme for more supported runtimes
21 gem 'therubyracer', platforms: :ruby
22
23 # Internationalization
24 gem 'i18n-tasks'
25
26 # Use jquery as the JavaScript library
27 gem 'jquery-rails'
```

When the Gemfile is updated,

Please update your gem environment by yourself. Your PC environments cannot be pulled from github.

bundle install

bundle update

Internationalization

Config/environments/development.rb

Config/environments/test.rb

Check that two lines had been added.

```
config.i18n.load_path += Dir[Rails.root.join('config', 'locales', '*.rb,*.yml')].to_s]
config.i18n.default_locale = :en
```

```
40 # Internationalization support
41 config.i18n.load_path += Dir[Rails.root.join('config', 'locales', '*.rb,*.yml')].
42 config.i18n.default_locale = :en
```

Internationalization (2)

Check that app/controllers/
application_controller.rb is modified.
4 lines had been added.

before_filter :set_locale

def set_locale

I18n.locale = params[:locale] || I18n.default_locale

end

```
1 class ApplicationController < ActionController::Base
2   protect_from_forgery with: :exception
3   before_filter :set_locale
4   def set_locale
5     I18n.locale = params[:locale] || I18n.default_locale
6   end
7 end
8
```

Dictionaries

Note that the dictionary files had been added and updated for 4 languages;

En.yml

Ja.yml

Ed.yml

Sw.yml

Entry Messages

Dictionary translations had been added for the “Student Portals” title

En:

app:

entrance: “Student Portals”

Ja:

app:

entrance: “学生ポータル入口”

Teachers sample

I had added lecturer's sample by typing
rails generate controller ikuo sample

```
k:ScopsOwl kobayashi_ikuo$ rails generate controller ikuo sample ]
Running via Spring preloader in process 18034
  create  app/controllers/ikuo_controller.rb
  route  get 'ikuo/sample'
  invoke erb
  create  app/views/ikuo
  create  app/views/ikuo/sample.html.erb
  invoke test_unit
  create  test/controllers/ikuo_controller_test.rb
  invoke helper
  create  app/helpers/ikuo_helper.rb
  invoke test_unit
  invoke assets
  invoke coffee
  create  app/assets/javascripts/ikuo.coffee
  invoke scss
  create  app/assets/stylesheets/ikuo.scss
```

Screen Division

App/views/layouts/application.html.erb had been modified.

```
10
11 <body>
12   <div id="container">
13     <div id="header">
14       <%= image_tag "banner1.gif" %>
15       <%= render :partial => "shared/menu_bar" %>
16     </div>
17     <div id="left">
18       <%= yield %>
19     </div>
20     <div id="right">
21       <%= render :partial => "shared/right_bar" %>
22     </div>
23     <div id="footer">
24       <%= render :partial => "shared/footer" %>
25     </div>
26   </div>
27 </body>
28
29 </html>
30
```

Several files had been added.

One directory had been added;

app/views/shared

Check the following files added;

app/assets/images/bannar1.gif

app/views/shared/_right_bar.html.erb

app/views/shared/_footer.html.erb

app/views/shared_menu_bar.html.erb

Check that the following file is modified;

app/helpers/application_helper.rb

app/assets/stylesheets/application.css