Coding for Development and Social Change, Oct 2014

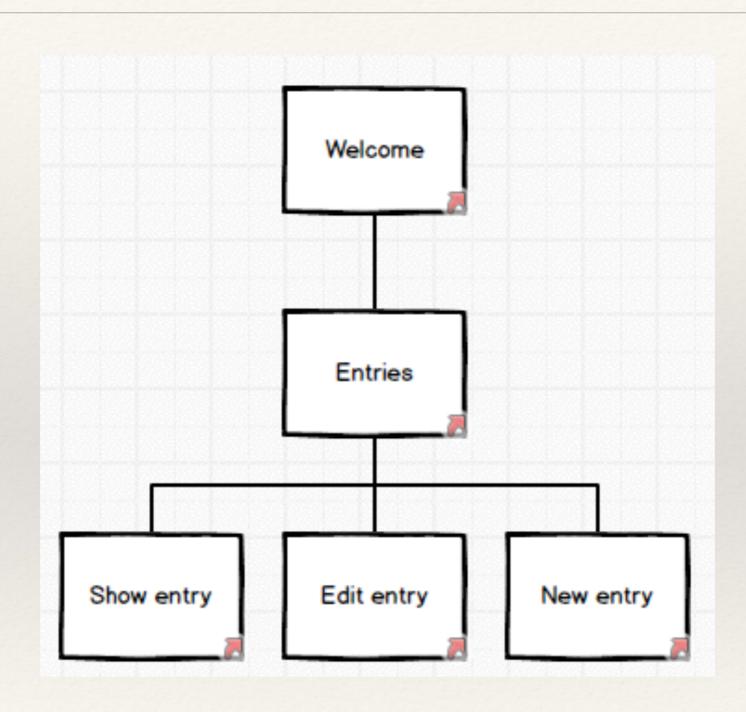
Review

Recap of the last day's work

Prerequisites

* Rails example session completed

Yesterday we built an app (yay!)



In the Terminal Window, we did this:

- * Create an app: rails new diary
- * Create a model: rails generate model Entry title:string date:date contents:text then rake db:migrate
- * Create a controller: rails generate controller Entries
- * Check the app's routes: rake routes
- * Start the rails server: rails server
- * Start the rails console: rails console

We edited the router file (config/routes.erb):

* root 'welcome# index'

* resources "entries"

In the rails console, we did this:

* Entry.create "title" => "First day of class", "date" => Date.new(2014, 11, 14), "contents" => "Started coding for development and social change today"

* Entry.all

And we added and edited these files:

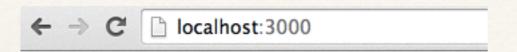
* Welcome:

- * app/controllers/welcome_controller.rb
- * app/views/welcome/index.html.erb

* Entries:

- app/controllers/entries_controller.rb
- * app/views/entries/index.html.erb
- * app/views/entries/show.html.erb
- * app/views/entries/new.html.erb
- * app/views/entries/edit.html.erb

To create these views: Main page



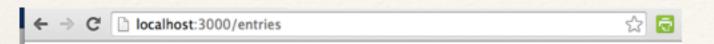
My favourite websites

- Rails Girls
- Wikibooks
- · Ruby on Rails Guides



```
My Diary
```

Entries index



My Diary

Submitted a Rails Girls application

2014-02-01

Just submitted an application to a Rails Girls workshop. Can't wait to see whether I'll get in!

Got in!

2014-02-15

Received an email that my application got accepted! I'll be at a RG workshop next week!

The first day starts...

2014-02-22

Today is the first day of the Rails Girls workshop. My coach is quite strange but it seems we all have Rails installed now and can start learning.

test 4

this is some text oh no

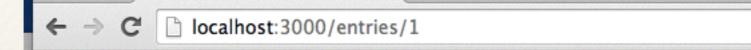
test 5

yesyyyesyyes

New entry

Main Page

Entry view



Submitted a Rails Girls application

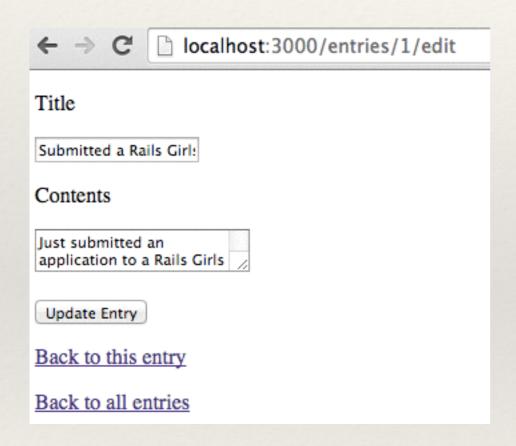
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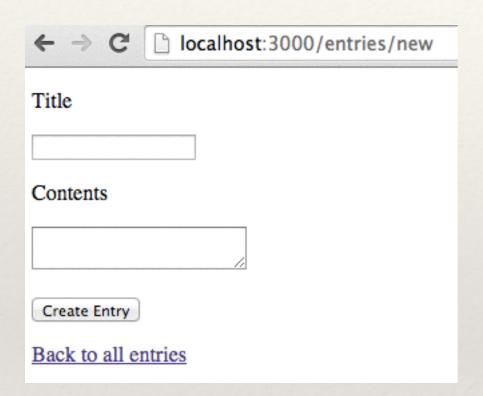
Edit this entry

Back to all entries

Entry edit



New Entry



```
new.html.erb ×

| **= form_for(Entry.new) do | form| %>
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| **= form.label("title") %>|
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```

With a controller for the front page

And a controller for the diary entries

```
entries_controller.rb ×
     class EntriesController < ApplicationController</pre>
         def index
             @entries = Entry.all
         end
         def show
             @entry = Entry.find(params["id"])
         end
         def create
             #render(:text => params.inspect)
             entry_params = params["entry"].permit("title", "contents")
             entry = Entry.create(entry_params)
             redirect_to(entry_path(entry))
         end
         def edit
             @entry = Entry.find(params["id"])
         end
         def update
           entry_params = params["entry"].permit("title", "contents")
           entry = Entry.find(params["id"])
           entry.update(entry_params)
           redirect_to(entry_path(entry))
26
         end
29
     end
```

Your Turn...

- * Design exercise:
 - Sitemap
 - User stories (features)
 - * Minimum Viable Product