



An introduction to Ember.js with Ruby on Rails

Who am I?



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File structure

FOLDERS

✓ ember_devise

✓ app

✓ assets

> images

✓ javascripts

> components

> controllers

> helpers

> mixins

> models

> routes

> templates

> views

application.coffee

ember_devise.coffee

router.js.coffee

settings.coffee

store.js.coffee

> stylesheets

Controllers

```
auth_controller.coffee x
1 EmberDevise.AuthController = Ember.ObjectController.extend
2   currentUser: null
3   isAuthenticated: Ember.computed.notEmpty('currentUser.email')
4   login: (route) ->
5     controller = @
6     $.ajax
7       url: EmberDevise.urls.login
8       type: 'POST'
9       data:
10         'user[email]': route.currentModel.email
11         'user[password]': route.currentModel.password
12     success: (data) ->
13       controller.set 'currentUser', data.user
14       route.transitionTo 'index'
15     error: (jqXHR, textStatus, errorThrown) ->
16       if jqXHR.status == 401
17         response = Ember.$.parseJSON(jqXHR.responseText)
18         errors = {}
19
20         if response.errors isnt 'undefined'
21           jsonErrors = response.errors
22           Ember.EnumerableUtils.forEach Ember.keys(jsonErrors), (key) ->
23             errors[Ember.String.camelize(key)] = jsonErrors[key]
24
25       route.controllerFor('login').set 'errorMsg', new DS.InvalidError(errors)
26     else if jqXHR.status == 406
27       route.controllerFor('login').set 'errorMsg', 'Request not acceptable (406): make sure Devise responds to JSON.'
28     else
29       p "Login Error: #{jqXHR.status} | #{errorThrown}"
30
```

Models

post.coffee

```
1  EmberDevise.Post = DS.Model.extend
2    user: DS.attr 'reference'
3    title: DS.attr 'string'
4    body: DS.attr 'string'
5    user: DS.belongsTo('user', {async: true})
6
```


Templates

```
login.hbs
1 <form {{action login content on="submit"}} class="form-horizontal">
2   <legend>Login</legend>
3   {{#if errorMsg}}
4     <div class="alert alert-error">
5       {{errorMsg}}
6     </div>
7   {{/if}}
8   <div class="control-group">
9     <label class="control-label" for="email">Email</label>
10    <div class="controls">
11      {{view Ember.TextField valueBinding="email" id="email"}}
12    </div>
13  </div>
14  <div class="control-group">
15    <label class="control-label" for="password">Password</label>
16    <div class="controls">
17      {{view Ember.TextField valueBinding="password" type="password" id="password"}}
18    </div>
19  </div>
20  <div class="form-actions">
21    <button type="submit" class="btn btn-primary" value="Login">Login</button>
22    <input {{action cancel}} type="submit" class="btn" value="Cancel" />
23  </div>
24 </form>
25
```

```
application.js.emblem
1 = render 'navbar'
2 = render 'welcome'
3 .container-fluid#main
4   .row-fluid
5     = outlet
6
```

Views

```
1 ✓ EmberDevise.ClickableView = Ember.View.extend({  
2   templateName: 'say-hello',  
3   name: "Bob",  
4   click: function(evt) {  
5     alert("ClickableView was clicked!");  
6   }  
7 });  
8  
9 {{#view App.ClickableView}}  
10   This is a clickable area!  
11 {{/view}}
```



Routes

```
router.js.coffee  x
1  ## In a real app you will proba
2  ## They are grouped together he
3
4  EmberDevise.Router.map ->
5    @route 'index', path: '/'
6    @route 'help'
7    @route 'about'
8    @route 'login'
9    @route 'registration'
10
11  EmberDevise.Router.reopen
12    location: 'auto'
13
```

← → ↻ localhost:3000/#/help

Default behavior

← → ↻ localhost:3000/help

The Store

```
EmberDevise.ApplicationStore = DS.Store.extend({})
```

ActiveModel::Serializer

user_serializer.rb ✕

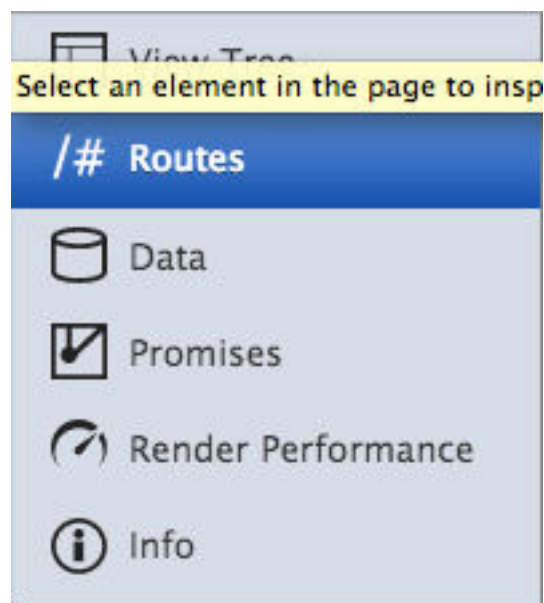
```
1 class UserSerializer < ActiveModel::Serializer
2   attributes :id, :email, :name, :dummy_msg
3
4   def dummy_msg
5     "JUST HERE FOR FUN W #{object.name}"
6   end
7 end
8
```

gem 'ember-rails'

Rails Routes for Ember

```
get '/*ember' => 'home#index'
```

Chrome Ember.js Extension



| Controller | | Template |
|-----------------------|-------|-------------|
| ApplicationController | > \$E | application |
| LoadingController | | loading |
| ErrorController | | error |
| IndexController | > \$E | index |
| HelpController | > \$E | help |
| AboutController | | about |

| Route Name | Route | URL |
|--------------------|------------------------|----------|
| application | ApplicationRoute > \$E | |
| loading | LoadingRoute > \$E | /loading |
| error | ErrorRoute > \$E | |
| index | IndexRoute > \$E | / |
| help | HelpRoute > \$E | /help |
| about | AboutRoute > \$E | /about |

That's all Folks!