

ember

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15 years ago

- Rendering html from server (java, perl, php, ets..)
- Little JavaScript code

10 years ago

- RoR, Django ...
- Ajax
- jQuery, Motools, ...
- JSON, JSONp, REST

Now MV*

- Backbone
- Spine, Marionette

- AngularJS
- KnockoutJS
- EmberJS
- ReactJS
-

EmberJS

- MVC framework from ambitious web applications
- Authors: Jehuda Katz, Tom Dale
- Licence: MIT



How to start

```
var App = Ember.Application.extend();
```

Routers

```
App.Router.map(function() {  
  this.resource('posts', function() {  
    this.resource('post', {path: '/postId'});  
  });  
});
```

```
App.PostsRoute = Ember.Route.extend({  
  model: function() {  
    return {  
      message: 'hello'  
    }  
  }  
});
```

```
App.PostRoute = Ember.Route.extend({});
```

Templates(handlebars)

```
<script type="text/x-handlebars" data-template-name="posts/index">  
  {{message}}  
</script>
```


Models(ember-data)

```
App.ApplicationStore = DS.Store.extend({  
  revision: 12,  
  adapter: 'DS.RESTAdapter',  
  namespace: 'api'  
});
```

```
App.Post = DS.Model.extend({  
  title: DS.attr('string'),  
  content: DS.attr('string'),  
  isPublished: DS.attr('boolean')  
});
```

REST structure

```
{“posts”: [  
  {  
    “id”: 1,  
    “title”: “test title”,  
    “content”: “Lorem ipsum .....",  
    “isPublished”: true  
  }  
}]
```

Display data

Route:

```
model: function() {  
    return this.store.find('post');  
}
```

Template:

```
{{#each post in model}}  
    <p>{{post.title}}</p>  
{{/each}}
```

Controllers

```
App.NewPostController = Ember.ObjectController.extend({  
  actions: {  
    newPost: function() {  
      var title = this.get('title');  
      var content = this.get('content');  
  
      var post = this.store.createRecord('post', {  
        title: title,  
        content: content  
      });  
  
      post.save();  
    }  
  }  
});
```

In template

```
{{input type='text' value=title }}
```

```
{{input type='text' value=content }}
```

```
{{input type='submit' action='newPost'}}
```

Links

- <http://emberjs.com/>
- <https://gitter.im/dev-ua/ember>
- <http://www.toptal.com/javascript/a-step-by-step-guide-to-building-your-first-ember-js-app>



Any questions



Thank you!!!