

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
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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

Display data

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

Template:
{{#each post in model}}
    {{post.title}}
{{/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();
});
```

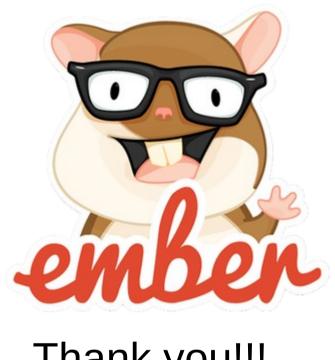
In template

```
{{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-stepguide-to-building-your-first-ember-js-app





Thank you!!!