

Easy REST with AngularJS and Go

V. Glenn Tarcea

November 2nd, 2014

Outline

1 Introduction

2 AngularJS Setup

Introduction

AngularJS Setup

- Glenn Tarcea
- Senior Developer at University of Michigan
- Current Project: Materials Commons

What this talk is about

What this talk doesn't cover

- How to setup angularjs

AngularJS Setup - Imports

- We are going to import the required modules
 - AngularJS router doesn't allow sub-views so we'll use ui-router
 - Restangular provides a nice REST interface
- We don't technically need the extensions but they will make our lives easier

```
<script src="../../../angularjs/1.3.1/angular.min.js">  
</script>  
<script src="../../../angular-ui-router.min.0.2.11.js">  
</script>  
<script src="../../../restangular.min.js">  
</script>
```

AngularJS Setup - Setup our app

```
<html ng-app="myapp" lang="en">  
  <head>...</head>  
  <body>
```


AngularJS Setup - View

```
<div class="main-content">
  <!-- Setup location for our main view -->
  <div ui-view>
    </div>
  </div>
</body>
</html>
```

AngularJS Setup - Putting it all together

Introduction

AngularJS Setup

```
<html ng-app="myapp" lang="en">
  <head>...</head>
  <body>
    <div class="main-content">
      <div ui-view>
        </div>
      </div>
      <script>...</script>
    </body>
  </html>
```

Configure our App

```
var App = App || {};
```

```
App.Constants = angular.module('app.constants', []);  
App.Services = angular.module('app.services', []);  
App.Controllers = angular.module('app.controllers', []);  
App.Filters = angular.module('app.filters', []);  
App.Directives = angular.module('app.directives', []);  
var app = angular.module('myapp', [  
    "ui.router", "restangular",  
    "app.constants", "app.services",  
    "app.controllers", "app.filters",  
    "app.directives"  
]);
```

Configure our Routes

```
app.config(["$stateProvider", appConfig]);  
function appConfig($stateProvider) {  
    $stateProvider  
        .state("users", {  
            url: "/users",  
            templateUrl: "app/users.html",  
            controller: "usersController"  
        })  
        .state("users.add", {  
            url: "/add",  
            templateUrl: "app/add.html",  
            controller: "addUserController"  
        });  
}
```