

# Easy REST with AngularJS and Go

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# Outline

## 1 Introduction

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

# What this talk is about

# What this talk doesn't cover

# 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

```
<html ng-app="myapp" lang="en">
  <head>...</head>
  <body>
    <script>...</script>
    <div class="main-content">
      <div ui-view>
        </div>
      </div>
    </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: "users.html",  
            controller: "usersController"  
        })  
        .state("users.add", {  
            url: "/add",  
            templateUrl: "add.html",  
            controller: "addUserController"  
        });  
}
```