Angular Line of Business Applications

Hands-On Lab 4: Data

# PREP: Starting Files

Repository: **https://github.com/DeborahK/AngularU2015**

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take4 – Data**

*Key Tasks:*

1. index.html
   1. Add the script tag for **Scripts/angular-resource.js**
   2. Add the script tag for **Scripts/angular-mocks.js**
   3. Add the script tag for the new common services module: **common/common.services.js**
   4. Add the script tag for the new service: **common/movieResource.js**
   5. Add the script tag for the mocking module: **common/movieResourceMock.js**
2. app.js
   1. Add **common.services** as a dependency when defining the movieHunter module.
   2. Add **movieResourceMock** as a dependency when defining the movieHunter module.
3. common.services.js
   1. Examine the code for this new module.
4. movieResource.js
   1. Example the code for this custom service.
5. movieListCtrl.js
   1. Inject **movieResource** as a dependency
      1. Be sure to add it to the controller method array as well
   2. Add the code to call the **movieResource** **query** method.
6. Run the application
   1. The main page should appear with a menu and welcome icon.
   2. Selecting the Search by Title menu option should display the list of movies.
      1. This should be different from the hard-coded list of movies.
   3. Clicking on a movie still displays the hard-coded movie.
7. movieDetailCtrl.js
   1. Inject **movieResource** as a dependency.
      1. Be sure to add it to the controller method array as well.
   2. Add the code to call the **movieResource** **get** method and pass in the movie Id.
8. Run the application
   1. The main page should appear with a menu and welcome icon.
   2. Selecting the Search by Title menu option should display the list of movies.
      1. This should be different from the hard-coded list of movies.
   3. Clicking on a movie should now display the appropriate movie.

# LAB 4 Code

*app.js*

var app = angular.module("movieHunter", ["ngRoute",

"common.services",

"movieResourceMock"]);

*movieListCtrl.js*

angular

.module("movieHunter")

.controller("MovieListCtrl",

["movieResource",

MovieListCtrl]);

function MovieListCtrl(movieResource) {

...

movieResource.query(

function (data) {

vm.movies = data;

});

}

}());

*movieDetailCtrl.js*

angular

.module("movieHunter")

.controller("MovieDetailCtrl",

["movieResource" ,

"$routeParams",

MovieDetailCtrl]);

function MovieDetailCtrl(movieResource, $routeParams) {

...

movieResource.get({ id: $routeParams.movieId },

function (data) {

vm.movie = data;

});

}

}());