Angular Line of Business Applications

Hands-On Lab 1: BASICS

# PREP: Starting Files

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

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take1 – Basics**

#### Key Tasks:

1. index.html
   1. Add the script tags for:
      1. angular.js
      2. app.js
      3. movieListCtrl.js
2. movieListView.html
   1. Add a column to display the movie director.
3. app.js
   1. Create the “movieHunter” module.
4. movieListCtrl.js
   1. Create the controller using the “controller as” syntax.
   2. Use contents of the **dataClipboard.txt** file to hard-code movie data
5. Run the application
   1. The list of movies should appear.
   2. The Hide/Show poster button should work.
   3. The filter feature should work.

#### Extra Tasks (as time permits):

1. Try out the F12 developer tools.
2. Change the sort order for the display of the movies.

# LAB 1 Code

*movieListCtrl.html*

<table ng-if="vm.movies.length">

<thead>

<tr>

<td>

<button type="button"

ng-click="vm.toggleImage()">

**{{**vm.showImage ? "Hide" : "Show"**}}** Poster

</button>

</td>

<td>Title</td>

**<td>Director</td>**

<td>Release Date</td>

<td>Rating</td>

</tr>

</thead>

<tbody>

<tr ng-repeat="movie in vm.movies | filter : {title:listFilter} | orderBy : 'title'">

<td>

<img ng-show="vm.showImage" style="width:50px;margin:2px"

ng-src="**{{**movie.imageurl**}}**" title="**{{**movie.title**}}**">

</td>

<td>

**{{** movie.title**}}**

</td>

**<td>{{ movie.director }}</td>**

<td>**{{** movie.releaseDate | date **}}**</td>

<td>**{{** movie.mpaa | uppercase**}}**</td>

</tr>

</tbody>

</table>

*app.js*

(function () {

"use strict";

var app = angular.module("movieHunter", []);

*}());*

#### movieListCtrl.js

(function () {

"use strict";

angular

.module("movieHunter")

.controller("MovieListCtrl",

[MovieListCtrl]);

function MovieListCtrl() {

var vm = this;

vm.movies = [

{

title: 'The Fellowship of the Ring',

director: 'Jackson',

releaseDate: '2001-12-19',

imageurl: 'http://www.coverwhiz.com/content/The-Lord-Of-The-Rings-The-Fellowship-Of-The-Ring\_small.jpg',

mpaa: 'pg-13'

},

{

title: 'The Two Towers',

director: 'Jackson',

releaseDate: '2002-12-18',

imageurl: 'http://www.coverwhiz.com/content/The-Lord-Of-The-Rings-The-Two-Towers\_small.jpg',

mpaa: 'pg-13'

},

{

title: 'The Point',

director: 'Wolf',

releaseDate: '1971-02-02',

imageurl: '',

mpaa: 'nr'

}

];

vm.title = "Search by Movie Title";

vm.showImage = false;

vm.toggleImage = function () {

vm.showImage = !vm.showImage;

};

}

#### }());