

MVC is
Cool



Routing

Angular Basics

Telerik Software Academy
Learning & Development Team
<http://academy.telerik.com>



- ◆ What is a route in SPA application
- ◆ What is a template / partial view
- ◆ Creating routes
- ◆ Using route parameters

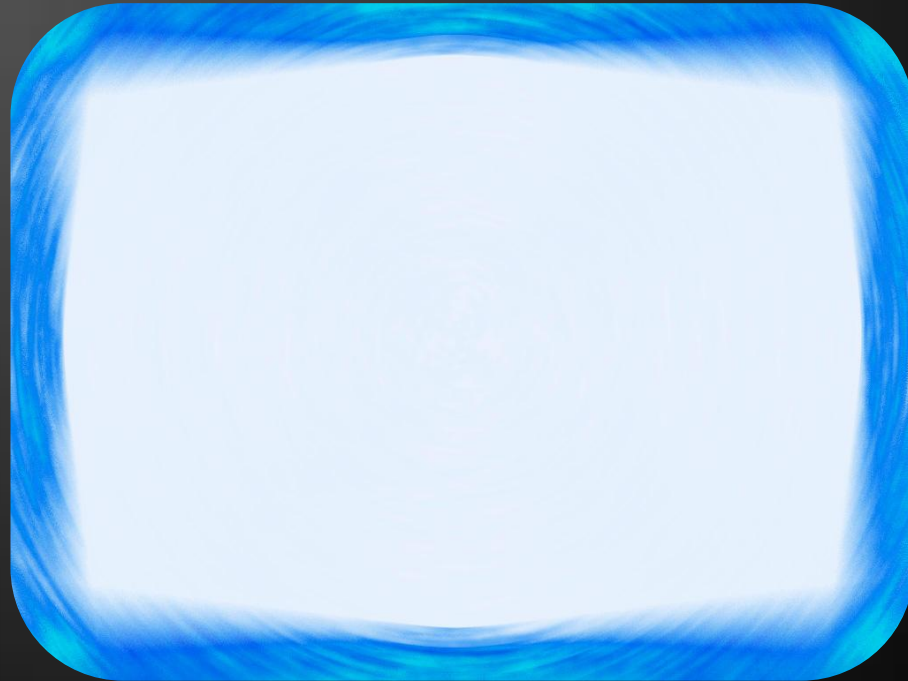


What Is a Route



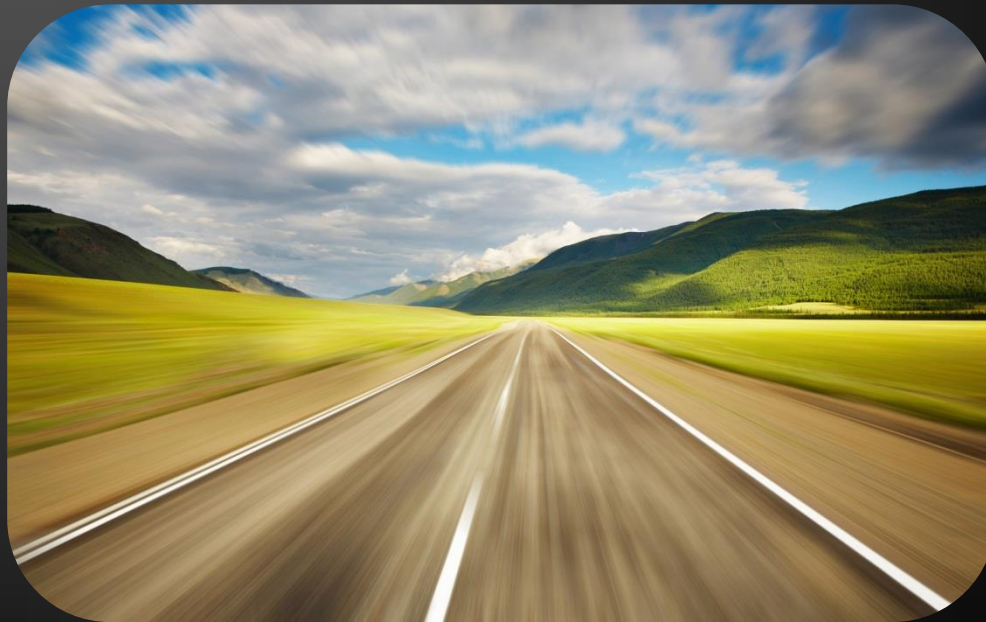
- ◆ In SPA applications route is
 - ◆ Path to part of the SPA
 - ◆ Not mapped URL to specific file or resource
 - ◆ Descriptive for the end user
 - ◆ Provides history and copy-paste functionality

What Is a Template



- ◆ **Templates are:**
 - ◆ **Partial HTML files**
 - ◆ **Contain only part of the web page**
 - ◆ **Usually are rendered through AJAX / caching**
 - ◆ **Rendered in a "parent" HTML / view**
 - ◆ **Saving repetitive code**

Creating Routes



- ◆ Include the module (different script file)
- ◆ Create Routes per module

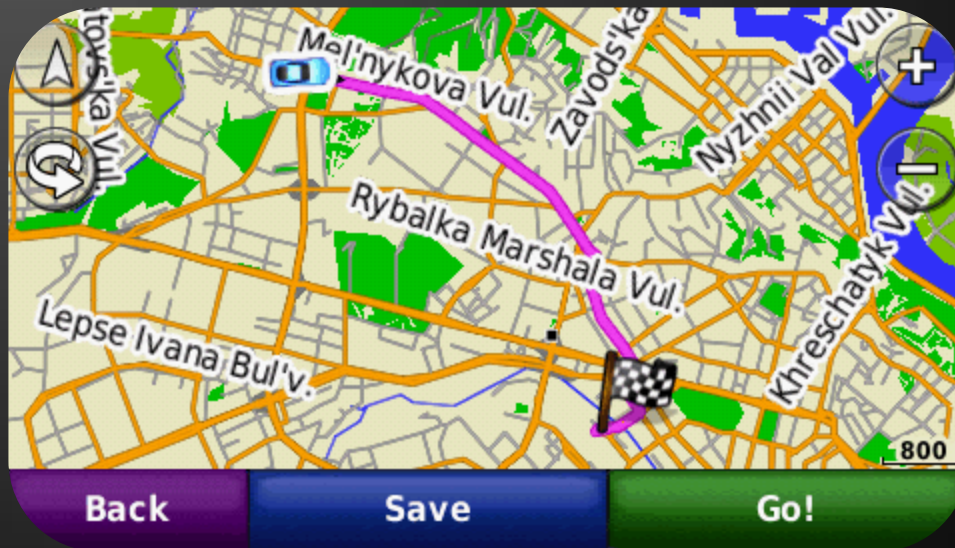
```
var myApp = angular.module('myApp', ['ngRoute'])
    .config(function($routeProvider) {
        $routeProvider.when('/route', {
            templateUrl: 'templates/partial.html',
            controller: 'myController' // optional
        });

        $routeProvider.otherwise({redirectTo: '/home'});
    });
```


- ◆ Create index.html (or default page) per module
- ◆ Include all scripts
- ◆ Put ng-view directive

```
<div ng-app="myApp">  
  <div ng-view>  
    // all partials will be rendered here  
  </div ng-view>  
</div>
```

Route Parameters



- ◆ Route parameters start with ":"

```
$routeProvider.when('/partial/:a/:b/:c', {  
    templateUrl: 'templates/partial.html',  
    controller: 'myController',  
});
```

- ◆ You can use them later in controllers

```
myApp.controller('myController',  
    function myController($scope, $routeParams) {  
        $scope.a = $routeParams.a;  
        $scope.b = $routeParams.b;  
    }  
);
```

- ◆ Angular routes
- ◆ Creating routes
- ◆ Accessing route parameters

Questions?

