Routing in AngularJS

Telerik Software Academy
http://academy.telerik.com

Table of Contents

- What is a route in SPA application

- What is a template / partial view

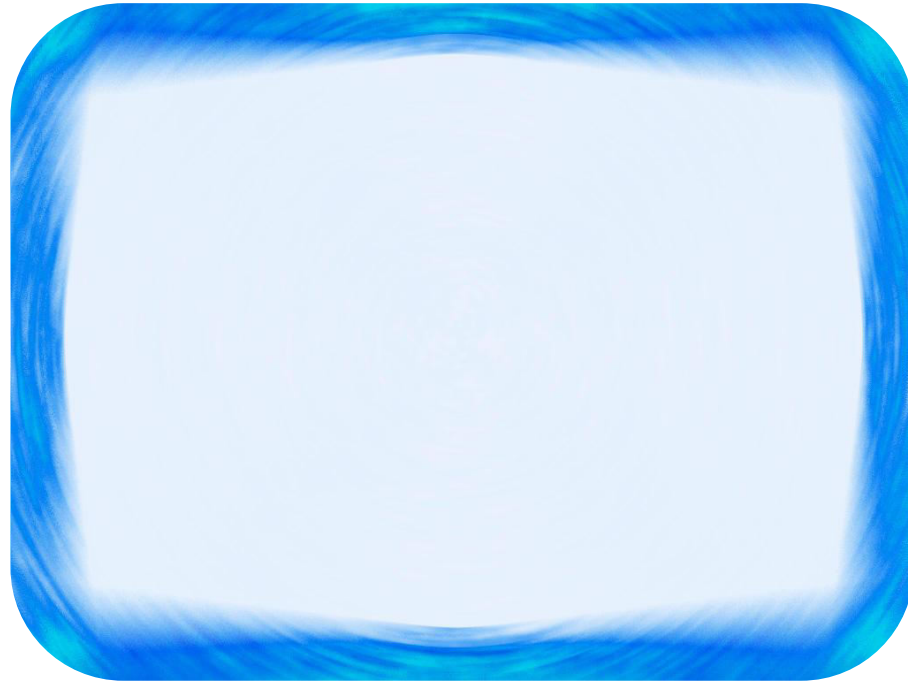- Creating routes

- Using route parameters

What Is a Route

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
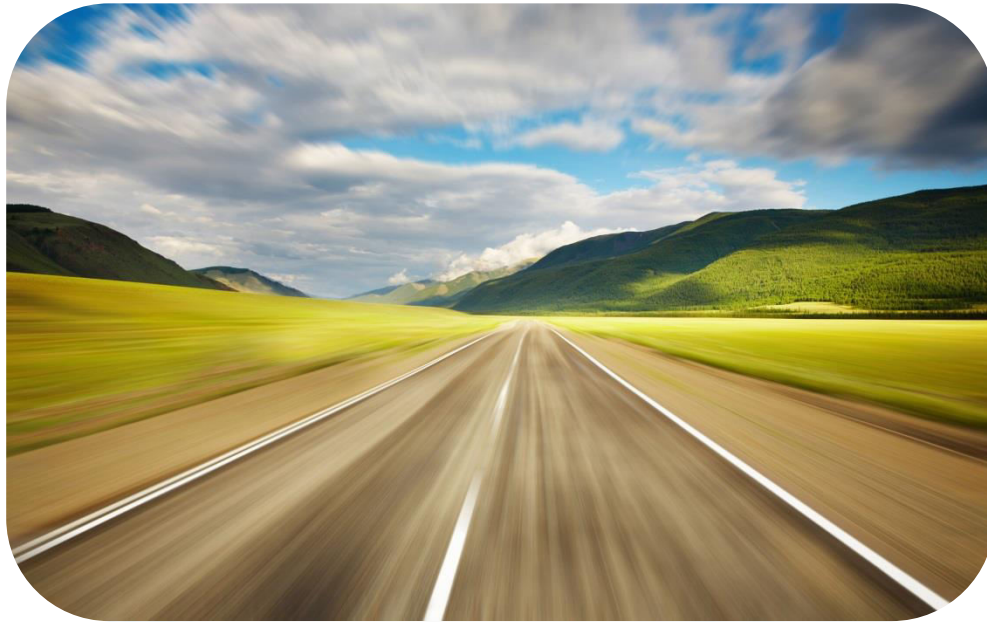
Telerik

What Is a Template

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

Telerik

Creating Routes

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'});
  });
```
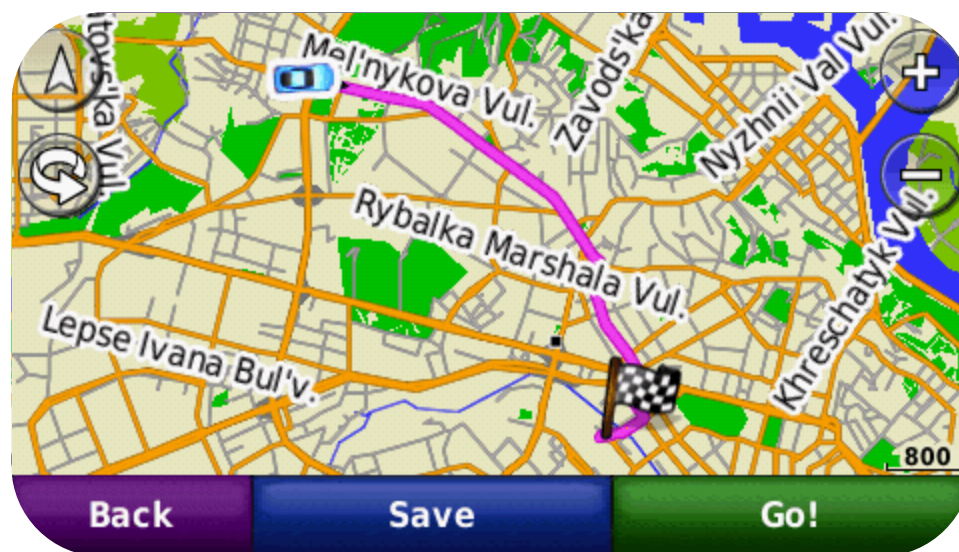
Creating Routes

- 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>
```

Telerik

Route Parameters

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;
    }
);
```

Telerik

Summary

- Angular routes

- Creating routes

- Accessing route parameters

Telerik

Questions?