

第三讲 Angularjs MVC 以及 \$scope 作用域 Angularjs 模块的 run 方法 以及依赖注入中代码压缩问题

学习要点:

1. Angularjs MVC
2. Angularjs \$scope 作用域
3. 依赖注入中代码压缩的问题
4. Angularjs 模块的 run 方法

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合作网站: www.phonegap100.com (PhoneGap 中文网)

合作网站: www.itying.com (IT 营)

1. Angularjs MVC



Model: 数据模型层

View: 视图层, 负责展示

Controller: 业务逻辑和控制逻辑

优点: 代码模块化 代码逻辑比较清晰、可移植性高, 后期维护方便、代码复用, 代码规模越来越大的时候, 切分职责是大势所趋

缺点: 运行效率稍微低一些

2. Angularjs \$scope 作用域

1. \$scope 多控制器单独作用域

```
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>无标题文档</title>
    <script type="text/javascript" src="angular.min.js"></script>
  </head>
  <body>
    <div ng-app="myApp">

      <div ng-controller="firstController">
        {{name}}
      </div>
      <div ng-controller="secondController">
        {{name}}
      </div>
    </div>
    <script type="text/javascript">
      var app = angular.module("myApp", []);
      app.controller('firstController',function($scope){
        $scope.name='张三';
      });

      app.controller('secondController',function($scope){
        $scope.name='李四';
      })
    </script>

  </body>
</html>
```

2. \$rootScope 服务

```
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>无标题文档</title>
    <script type="text/javascript" src="../angular.min.js"></script>
  </head>
  <body>
    <div ng-app="myApp">
```

```
<div ng-controller="firstController">
    姓名: {{name}} <br>
    年龄: {{age}}
</div>
<div ng-controller="secondController">
    姓名: {{name}}
    年龄: {{age}}
</div>
</div>
<script type="text/javascript">
    var app = angular.module("myApp", []);
    app.controller('firstController',function($scope,$rootScope){
        $scope.name='张三';
        $rootScope.age='30';
    });

    app.controller('secondController',function($scope){
        $scope.name='李四';
    })
</script>

</body>
</html>
```

3. 控制器继承

```
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>无标题文档</title>
        <script type="text/javascript" src="../angular.min.js"></script>
    </head>
    <body>
        <div ng-app="myApp">

            <div ng-controller="firstController">
                {{name}}
                {{age}}
                {{sex}}
```

```
        <div ng-controller="secondController">
            {{name}}
            {{age}}
            {{sex}}
        </div>
    </div>

</div>
<script type="text/javascript">
    var app = angular.module("myApp", []);
    app.controller('firstController',function($scope){
        $scope.name='张三';
        $scope.age='40';
    });

    app.controller('secondController',function($scope){
        $scope.name='李四';
        $scope.sex='男';
    })
</script>

</body>
</html>
```

3. 依赖注入中代码压缩的问题

```
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
        <title>无标题文档</title>
        <script type="text/javascript" src="../angular.min.js"></script>
    </head>
    <body>
        <div ng-app="myApp">

            <div ng-controller="firstController">
                {{name}}
                {{age}}
                {{sex}}
```

```
        <div ng-controller="secondController">
            {{name}}
            {{age}}
            {{sex}}
        </div>
    </div>

</div>
<script type="text/javascript">
    var app = angular.module("myApp", []);
    app.controller('firstController',['$scope',function($scope){
        $scope.name='张三';
        $scope.age='40';
    });

    app.controller('secondController',['$scope',function($scope){
        $scope.name='李四';
        $scope.sex='男';
    })
</script>

</body>
</html>
```

4. Angularjs 模块的 run 方法

run 方法初始化全局的数据 ,只对全局作用域起作用 如\$rootScope

```
<script type="text/javascript">

    var m1 = angular.module('myApp',[]);

    m1.run(['$rootScope',function($rootScope){
        $rootScope.name = 'hello';
    }]);

    console.log( m1 );
</script>
```

感谢收看本次教程

本教程由 **phonegap 中文网(phonegap100.com)**

www.itying.com 提供

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