

AngularJS - Create Application

Topics: AngularJS

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Creating an AngularJS application involves several steps, including setting up the development environment, creating HTML templates, defining controllers, and configuring the application. Below is a simple example of creating an AngularJS application:

Step 1: Set Up Development Environment

Include the AngularJS library in your HTML file. You can either download the library and host it locally or use a CDN.

```
<!DOCTYPE html>
<html lang="en" ng-app="myApp">
<head>
<meta charset="UTF-8">
<title>My AngularJS App</title>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
</head>
<body>
<!-- Your application content will go here -->
</body>
</html>
```

Step 2: Define the AngularJS Module

Create an AngularJS module using the angular.module function. The module serves as the main container for your application components.

```
<script>
var myApp = angular.module('myApp', []);
</script>
```

Step 3: Create a Controller

Define an AngularJS controller using the controller function. Controllers contain the application's logic and interact with the view through the scope.

```
<script>
myApp.controller('MyController', function($scope) {
$scope.message = 'Hello, Angular!';
});
```

Step 4: Connect the Controller to the View

Use the ng-controller directive to associate the controller with a specific portion of the HTML.

```
<br/><body ng-controller="MyController"><h1>{{ message }}</h1></body>
```

Step 5: Run the Application

Open the HTML file in a web browser, and you should see your AngularJS application in action. The controller sets the message variable on the scope, and it is displayed in the view.

The complete HTML file might look like this:

```
<!DOCTYPE html>
<html lang="en" ng-app="myApp">
<head>
<meta charset="UTF-8">
<title>My AngularJS App</title>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
</head>
<br/><body ng-controller="MyController">
<h1>{{ message }}</h1>
<script>
var myApp = angular.module('myApp', []);
myApp.controller('MyController', function($scope) {
$scope.message = 'Hello, Angular!';
});
</script>
</body>
</html>
```

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