

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!';
});
```

```
</script>
```

Step 4: Connect the Controller to the View

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

```
<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>
<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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