

## ng-submit DIRECTIVE IN ANGULARJS

- The **ng-submit directive** in AngularJS used to identifies a function to be executed when the form is submitted.
- It Specifies the expressions to run on onsubmit events.
- It is supported by <form> elements.
- If we don't use the ng-submit directive in the form element, then it will not be submitted.

### Syntax for ng-submit directive in AngularJS:

```
<form ng-submit="expression" ></form>
```

### Parameter Values:

Value	Description
expression	An expression to be evaluated, which should return a function call.

## Sample coding for ng-submit directive in AngularJS:

```
<! DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorial</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js"> </sc
ript>
  </head>
  <body ng-app="myApp" ng-controller="submitCtrl">
    <h3>ng-submit directive in AngularJS Tutorial</h3>
    <form ng-submit="myFunc()">
      Enter text:<input type="text"> <br> <br>
      <input type="submit">
      <h2>Text submitted {{count}} times successfully</h2>
    </form>
    <script>
      var app = angular.module("myApp", []);
      app.controller("submitCtrl", function($scope) {
        $scope.count=0;
        $scope.myFunc = function () {
          $scope.count = $scope.count + 1;
        }
      });
    </script>
  </body>
</html>
```



## Code Explanation for ng-submit directive in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorial</title>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/
      1.5.6/angular.min.js"></script>
  </head>
  <body ng-app="myApp" ng-controller="submitCtrl">
    <h3>ng-submit directive in AngularJS Tutorial</h3>
    <form ng-submit="myFunc()">
      Enter text:<input type="text"><br><br>
      <input type="submit">
      <h2>Text submitted {{count}} times successfully</h2>
    </form>
    <script>
      var app = angular.module("myApp", []);
      app.controller("submitCtrl", function($scope) {
        $scope.count=0;
        $scope.myFunc = function () {
          $scope.count = $scope.count + 1;
        }
      });
    </script>
  </body>
</html>
```

1. The **ng-app** specifies the root element ("myApp") to define AngularJS application.
2. The **ng-controller** controls the data of "submitCtrl" in AngularJS application.
3. The ng-submit directive is used for a function (**\$scope.myFunc**) to be called when the form is being submitted
4. The "submit" is declare the **type** value of the <input> tag.



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5. The expression **count** will be executed and get the count value from the **\$scope.myFunc**
  6. **\$scope.count** is used to declare the count value is 0.
  7. **\$scope.myFunc** is the angular function is used to increment count value ( $\$scope.count+1$ ) and the output will be updated in the `<script>` tag.



## Sample Output for ng-submit directive in AngularJS:



1. The input field is displayed in the output with submit button.
2. The output displays the text submitted 0 times because the user does not click the submit button.



1. If the user type the text in the input field and clicks the submit button.
2. The output shows the text submitted 12 times because the user clicks the submit button 12 times.

