

## ng-click DIRECTIVE IN ANGULARJS

- **ng-click** directive is used to specify the custom behavior when a HTML element is clicked.
- The **ng-click** directive is executing at the priority level is "0"
- **ng-click** is supported by all HTML element.

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

```
<element ng-click= "expression" > </element>
```

### Parameter value for ng-click directive in AngularJS:

Value	Description
expression	It is used to define an expression that execute when an element is clicked.



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

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script src="https://ajax.googleapis.com/ajax/libs/
      angularjs/1.5.6/angular.min.js">
    </script>
  </head>
  <body ng-app="">
    <h2> Wikitechy ng-click Directive in AngularJS </h2>
    <button ng-click="count = count + 1" ng-init="count=0">
      Click Me!
    </button>
    <h3> The button has been clicked : {{ count }} times </h3>
  </body>
</html>
```

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

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    1 ← <script src="https://ajax.googleapis.com/ajax/libs/
      angularjs/1.5.6/angular.min.js">
    </script>
  </head>
  <body ng-app="">
    <h2>Wikitechy ng-click Directive in AngularJS </h2>
    <button ng-click="count = count + 1" ng-init="count=0">
      Click Me!
    </button>
    <h3>The button has been clicked : {{count}} times</h3>
  </body>
</html>
```

Diagram illustrating the code explanation for the ng-click directive in AngularJS. The code is shown with numbered annotations (1-5) and arrows pointing to specific parts:

- 1: Points to the `<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js">` line, indicating the inclusion of the AngularJS library.
- 2: Points to the `<body ng-app="">` line, indicating the start of the AngularJS application.
- 3: Points to the `ng-click="count = count + 1"` attribute on the button, indicating the click event handler.
- 4: Points to the `ng-init="count=0"` attribute on the button, indicating the initialization of the `count` variable.
- 5: Points to the `{{count}}` interpolation in the `<h3>` tag, indicating the binding of the `count` variable to the display text.

1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a `<script>` tag.
2. The AngularJS application is defined by `ng-app=""`. The application runs inside the `<body>` tag. It's also used to define a `<body>` tag as a root element.
3. The `ng-click="count=count+1"` is used to increase the count variable by one, each time the button is clicked.
4. The `ng-init="count = 0"` is used to define the initial value of the count variable is "0".
5. The `{{ count }}` is used to dynamically bind the count variable value when the user clicked the button.

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



1. The output displays the "Click Me!" button and content as "The button has been clicked : 0 times" when the page was loaded.



2. The output shows that the user clicked the **“Click Me!”** button.
3. The output shows that the **content** changed as **“The button has been clicked : 1 times”** when the user clicked the **“click Me! ”** button.