



ng-keypress DIRECTIVE IN ANGULARJS

- **ng-keypress** directive is used to specify the custom behavior that execute when the keyboard is used on the specific HTML element.
- In AngularJS, the **ng-keypress** directive will not override the HTML element's original **onkeypress** event, both will be executed.
- The **ng-keypress** directive is executing at the priority level "0".
- **ng-keypress** is supported by <input>, <select>, <textarea>, and other editable HTML element.

Difference between keypress and keydown:

Keydown:

- Fires when the user depresses a key.
- It repeats while the user keeps the key depressed.

Keypress:

- Fires when an actual character is being inserted in, for example, a text input.
- It repeats while the user keeps the key depressed.

Syntax for ng-keypress directive in AngularJS:

<element ng-keypress= "expression" > </element>









Parameter value for ng-keypress directive in AngularJS:

Value	Description
expression	It is used to define an expression that execute
	when a key is pressed.

Sample coding for ng-keypress directive in AngularJS:

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







Code Explanation for ng-keypress directive in AngularJS:

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

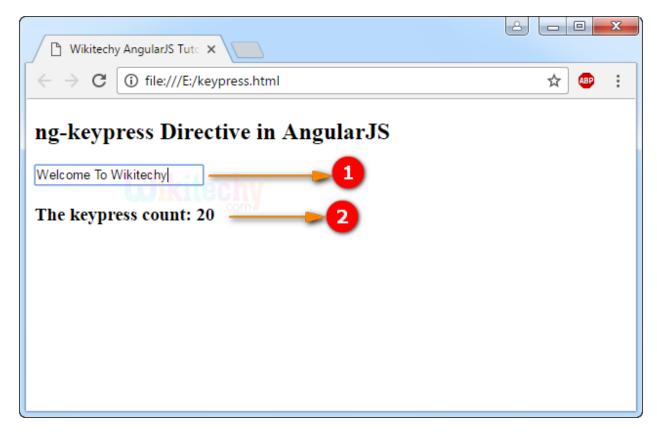
- 1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a <script> tag.
- 2. The AngularJS application is defined by **ng-app="".** The application runs inside the **<body>** tag. It's also used to define a **<body>** tag as a root element.
- 3. The ng-keypress= "count=count+1" is used to increase the count variable by one, every time the key is pressed in the input field.
- 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 press the key in the input field.







Sample Output for ng-keypress directive in AngularJS:



- 1. The output displays the content "Welcome To Wikitechy" in the text box.
- 2. The output shows that the content "The keydown count:20" when the user typed the "Welcome To Wikitechy" in the text box. Here the variable "count" will increase the value by 1, every time a key is pressed in the text box.

