

ng-pluralize DIRECTIVE IN ANGULARJS

- The **ng-pluralize directive** in AngularJS used to specifies a message to display according the en-US localization rules.
- en-US localization rules are bundled with angular.js.
- To configure ngpluralize directive by specifying the mapping between the strings and plural categories to be displayed.
 - The default plural categories in AngularJS is "one" and "other".
 - Plural category matches many numbers (for ex, "other" can match any number that is not 1)
- This directive executes at priority level 0

Syntax for ng-pluralize Directive in AngularJS:

```
<element ng-pluralize count="" when="string" offset="number">  
</element>
```

Parameter Values:

Value	Type	Description
count	string, expression	Denotes the value of the count attribute is used by a string or an Angular expression.
when	string	It specifies the mapping between the plural categories and the actual string. The value of the attribute should be a JSON object.

offset	number	The offset attribute to deduct from the total number.
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Sample code for ng-pluralize 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>
    <div ng-app="myApp" ng-controller="pluralizeCtrl">
      <h3>ng-pluralize Directive in AngularJS Tutorial </h3>
      <ul>
        <li ng-pluralize ng-repeat="x in names" offset=1 count="x"
when="{0: 'Nobody is viewing.',
'1: '{{x}} is viewing.',
'2: '1 and 2 are viewing.',
'other: '1 and {} other people are viewing.'}">
          </li>
        </ul>
      </div>
      <script>
var app = angular.module('myApp', []);
app.controller('pluralizeCtrl', function($scope) {
  $scope.names=[1,2,3,4,5,6,7,8,9];
});
      </script>
    </body>
```



```
</html>
```

Code Explanation for ng-pluralize Directive in AngularJS:

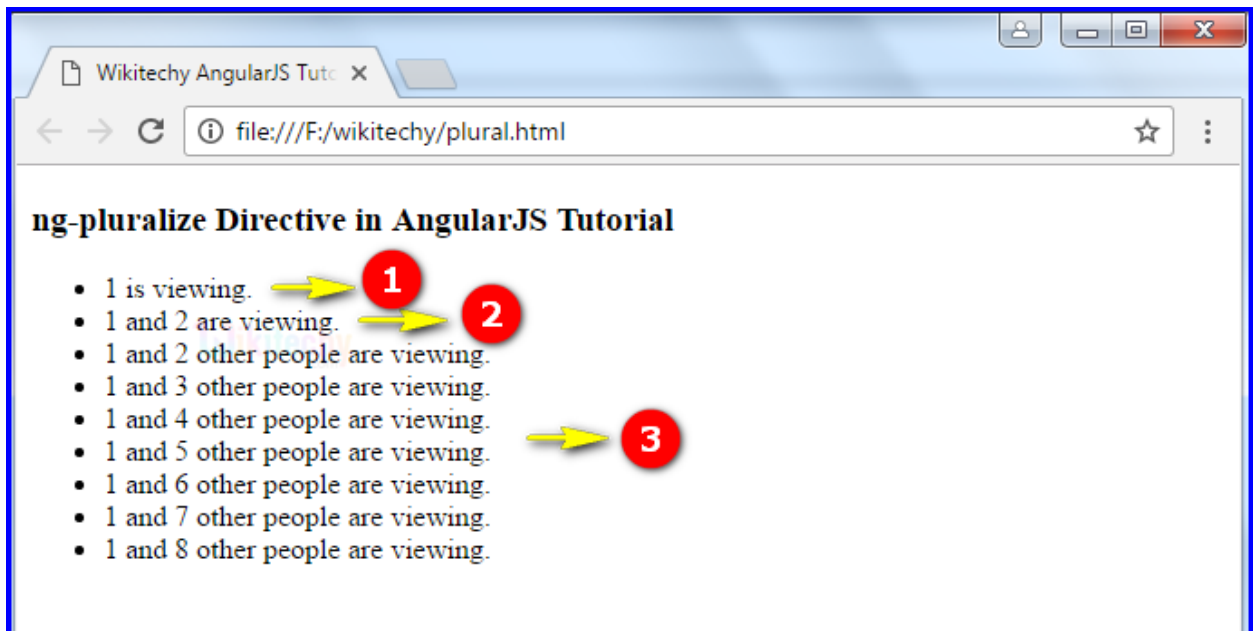
```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorial</title>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/
    1.5.6/angular.min.js"></script>
  </head>
  <body>
    <div ng-app="myApp" ng-controller="pluralizeCtrl">
      <h3>ng-pluralize Directive in AngularJS Tutorial</h3>
      <ul>
        <li ng-pluralize ng-repeat="x in names" offset=1 count="x"
          when="{ '0': 'Nobody is viewing.',
                '1': '{{x}} is viewing.',
                '2': '1 and 2 are viewing.',
                'other': '1 and {} other people are viewing.' }">
        </li>
      </ul>
    </div>
    <script>
      var app = angular.module('myApp', []);
      app.controller('pluralizeCtrl', function($scope) {
        $scope.names=[1,2,3,4,5,6,7,8,9];
      });
    </script>
  </body>
</html>
```

1. The **ng-app** specifies the root element (myApp) to define AngularJS application.
2. ng-controller specifies the application controller in AngularJS the controller value is given as "pluralizeCtrl"



3. ng-pluralize directive is used to display the messages in names by using the ng-repeat directive.
4. Offset parameter is used to provide the offset value is 1.(for ex. Here declare the offset value is 1 and the explicit number rules (matches only one number) for 0,1)
5. "Count" parameter is defining a string or angularexpression. here the value x is given as the count.
6. "When" attribute specifies the mapping between the plural categories (here 1 and 2 viewing and 1 or {} other people are viewing is plural category).
7. The "**pluralizeCtrl**" used to create the controller for the Application with argument **\$scope** object
8. \$scope.name is used to declare the array value.

Sample Output for ng-pluralize Directive in AngularJS:



1. The content 1 is viewing displayed in the output.

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2. The output displays the plural category of 1 and 2 are viewing using ng-pluralize directive.
 3. The output displays the plural category of 1 and 2 other people are viewing using the ng-pluralize directive.

