

ng-srcset DIRECTIVE IN ANGULARJS

- AngularJS provides **ng-srcset** attribute directive for handling **multiple images** based on condition.
- In AngularJS, the **ng-srcset** directive is used to handling responsive images.
- The user can use this directive for displaying different images based on screen **width**.
- In AngularJS, the **ng-srcset** directive overrides the original **src** attribute of an **** element.
- If our application has AngularJS code inside the **srcset** value, the **ng-srcset** directive should be used instead of **srcset**.
- The **ng-srcset** directive makes sure the image is not displayed wrong before AngularJS has evaluated the code.
- The **ng-srcset** directive is compiling at the priority level **"99"**.

Syntax for ng-srcset directive in AngularJS:

```
<img ng-srcset= "string" > </img>
```



Parameter value for ng-srcset directive in AngularJS:

Value	Type	Description
string	template	It is a string value, or an expression resulting in a string.

Sample coding for ng-srcset 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> ng-srcset Directive in AngularJS Tutorials. </h2>
    <div ng-init="source='logo.png' ">
      <img ng-srcset=" {{source}} 2x"> </img>
    </body>
</html>
```

Code Explanation for ng-srcset 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>
    2 →
  </head>
  <body ng-app="">
    <h2>ng-srcset Directive in AngularJS Tutorials.</h2>
    3 →
    <div ng-init="source = 'logo.png'">
      <img ng-srcset="{{source}} 2x">
    </div>
    4 ↓
  </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-init="source = 'logo.png' "` is used to define the initial value of the source variable as `"logo.png"` image.
4. The `ng-srcset= "{{source}} 2x"` is used to dynamically bind source image based on screen width. Here the 2x used for a high pixel density desktop display.

Sample Output for ng-srcset directive in AngularJS:



1. The output shows that the **wikitechy.com** logo image was load when the page was load based on the screen width. Here we have used 2x for pixel density which have high pixel density for desktop display.