

ng-href DIRECTIVE IN ANGULARJS

- Angular markup example `{{name}}` in an href will make the link go to the wrong URL if the user clicks it before loading.

```
<a href="http://www.wikitechy.com/profile/{{name}}">NAME</a>
```

- In Angularjs we have a chance to replace the `{{name}}` markup with its value. Until Angular changes the markup the link will be broken and will return a 404 error. The `ngHref` directive will solves this problem.

```
<a ng-href="http://www.wikitechy.com/profile/{{name}}">NAME</a>
```

- In AngularJS, the **ng-href** directive overrides the original **href** attribute of an `<a>` element.
- If our application has AngularJS code inside the href value, the **ng-href** directive should be used instead of **href**.
- The **ng-href** directive makes sure the link is not broken even if the user clicks the link before AngularJS has assessed the code.
- The **ng-href** directive is compiling at the priority level **"99"**.

Syntax for ng-href directive in AngularJS:

```
<a ng-href= "string" > </a >
```



Parameter value for ng-href directive in AngularJS:

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

Sample coding for ng-href 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-href Directive in AngularJS Tutorials </h2>
    <div ng-init="source='http://www.Wikitechy.com'" >
      <h3> Visit <a ng-href=" {{source}} "> {{ source}} </a> to learn new
      technology.
    </h3>
    </div>
  </body>
</html>
```

Code Explanation for ng-href 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-href Directive in AngularJS Tutorials</h2>
      <div ng-init="source = 'http://www.Wikitechy.com'">
    3 ←
        <h3>Visit <a ng-href="{{source}}">{{source}}</a> to learn
    4 ←
            new technology!
        </h3>
      </div>
    5 ←
    </body>
  </html>
```

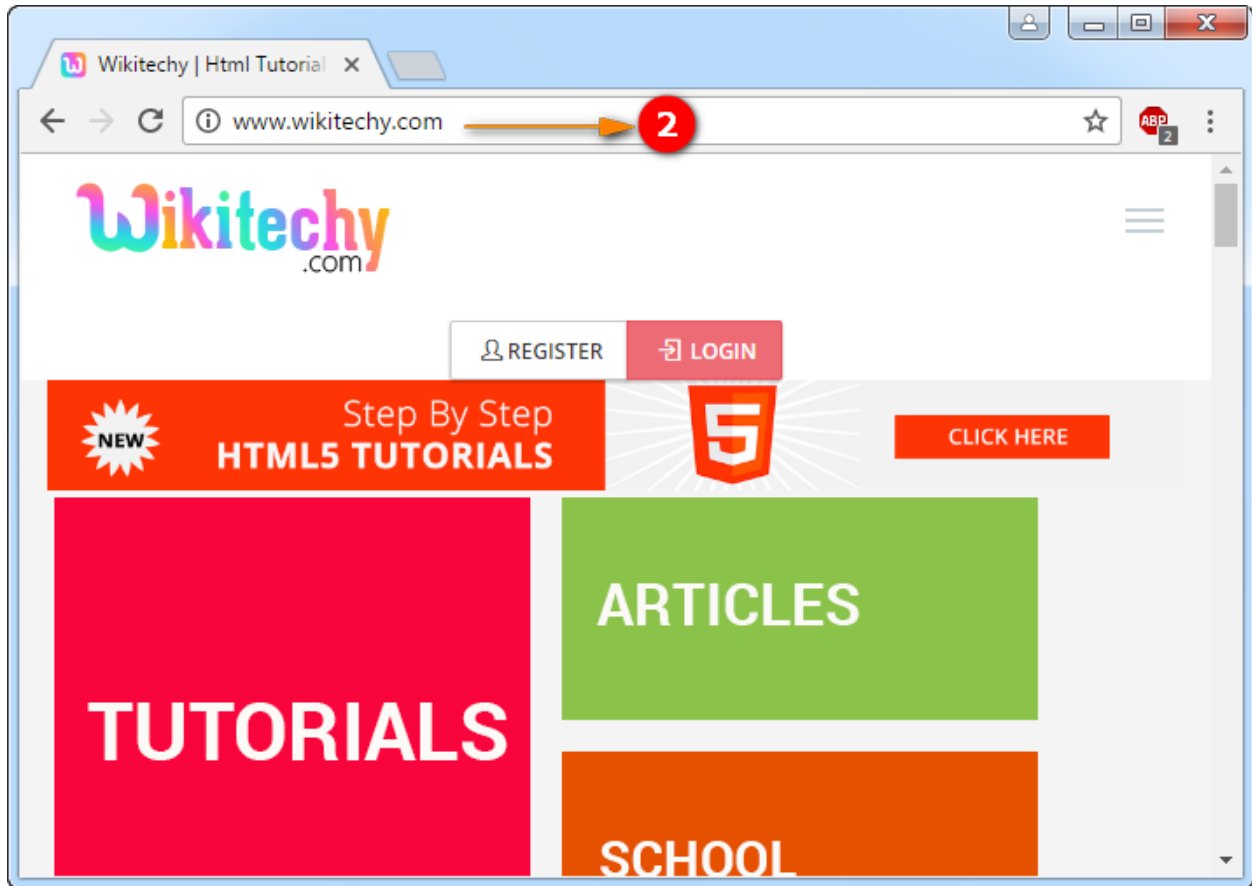
1. AngularJS is distributed as a JavaScript file, and can be added to a HTML page with a `<script>` tag.
2. The AngularJS application is defined by `ng-app=""`. The application runs inside the `<body>` tag. It's also used to define a `<body>` tag as a root element.
3. The `ng-init="source = 'http://www.Wikitechy.com'"` is used to define the initial value of the source variable is `"http://www.Wikitechy.com"`.
4. The `ng-href= "{{source}}"` is used to dynamically bind source variable to the href attribute.

5. The `{{ source }}` is used to dynamically bind the source value.

Sample Output for ng-href directive in AngularJS:



1. The output shows that the user trying to open the <http://www.Wikitechy.com> href link.



2. The output shows that the www.wikitechy.com page was loaded when the user click the **ng-href** attribute. In AngularJS, the **ng-href** attribute is safer than original **href** attribute.