

SVG - LINKING

`<a>` element is used to create hyperlink. "xlink:href" attribute is used to pass the IRI *InternationalizedResourceIdentifiers* which is complementary to URI *UniformResourceIdentifiers*.

Declaration

Following is the syntax declaration of `<a>` element. We've shown main attributes only.

```
<a
  xlink:show = "new" | "replace"
  xlink:actuate = "onRequest"
  xlink:href = "<IRI>"
  target = "_replace" | "_self" | "_parent" | "_top" | "_blank" | "<XML-Name>" >
</a>
```

Attributes

Sr.No.	Name & Description
1	xlink:show – for documentation purpose for XLink aware processors. Default is new.
2	xlink:actuate – for documentation purpose for XLink aware processors.
3	xlink:href – location of the referenced object.
4	target – used when targets for the ending resource are possible.

Example

testSVG.htm

```
<html>
  <title>SVG Linking</title>
  <body>

    <h1>Sample Link</h1>

    <svg width="800" height="800">
      <g>
        <a xlink:href="http://www.tutorialspoint.com">
          <text x="0" y="15" fill="black" >
            Click me to load Tutorialspoint DOT COM.</text>
          </a>
        </g>

        <g>
          <text x="0" y="65" fill="black" >
            Click in the rectangle to load Tutorialspoint DOT COM</text>

          <a xlink:href="http://www.tutorialspoint.com">
            <rect x="100" y="80" width="300" height="100"
              style="fill:rgb(121,0,121);stroke-width:3;stroke:rgb(0,0,0)" />
            </a>
          </g>
        </svg>

      </body>
</html>
```

Output

Open textSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering. Click on link and rectangle to see the result.



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