

JAVASCRIPT - IMAGE MAP

http://www.tutorialspoint.com/javascript/javascript_image_map.htm

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You can use JavaScript to create client-side image map. Client-side image maps are enabled by the **usemap** attribute for the `` tag and defined by special `<map>` and `<area>` extension tags.

The image that is going to form the map is inserted into the page using the `` element as normal, except that it carries an extra attribute called **usemap**. The value of the usemap attribute is the value of the name attribute on the `<map>` element, which you are about to meet, preceded by a pound or hash sign.

The `<map>` element actually creates the map for the image and usually follows directly after the `` element. It acts as a container for the `<area />` elements that actually define the clickable hotspots. The `<map>` element carries only one attribute, the **name** attribute, which is the name that identifies the map. This is how the `` element knows which `<map>` element to use.

The `<area>` element specifies the shape and the coordinates that define the boundaries of each clickable hotspot.

The following code combines imagemaps and JavaScript to produce a message in a text box when the mouse is moved over different parts of an image.

```
<html>

<head>
  <title>Using JavaScript Image Map</title>

  <script type="text/javascript">
    <!--
      function showTutorial(name){
        document.myform.stage.value = name
      }
    //-->
  </script>
</head>

<body>
  <form name="myform">
    <input type="text" name="stage" size="20" />
  </form>

  <!-- Create Mappings -->
  

  <map name="tutorials">
    <area shape="poly"
      coords="74,0,113,29,98,72,52,72,38,27"
      href="/perl/index.htm" alt="Perl Tutorial"
      target="_self"
      onMouseOver="showTutorial('perl')"
      onMouseOut="showTutorial('')"/>

    <area shape="rect"
      coords="22,83,126,125"
      href="/html/index.htm" alt="HTML Tutorial"
      target="_self"
      onMouseOver="showTutorial('html')"
      onMouseOut="showTutorial('')"/>

    <area shape="circle"
      coords="73,168,32"
      href="/php/index.htm" alt="PHP Tutorial"
```

```
target="_self"  
onMouseOver="showTutorial('php')"  
onMouseOut="showTutorial('')"/>  
</map>  
</body>  
</html>
```

Output

You can feel the map concept by placing the mouse cursor on the image object.

