

**W3C Definition**

DOM????????????????????, ?????????, ?????HTML?XML???, ?????????????????.

**Content**

DOM?????Javascript????, ?????????. DOM????????????????????.

#??Javascript????(Data type, operator, basic statement, function and etc,....)

#????????????(String, Array, Math, Date and etc,....)

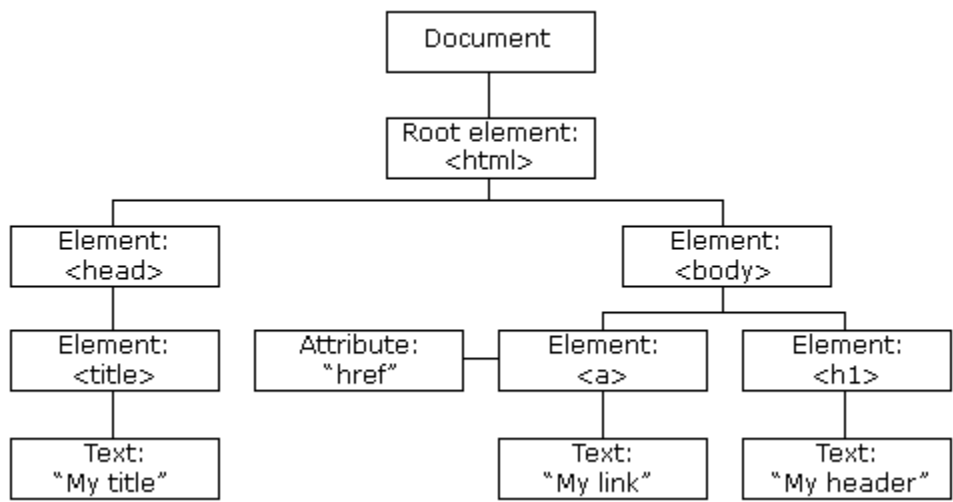
#????(Window, Location, History, Navigator and etc,....)

#????(Document, images, form and etc,....)

BOM(?????)?DOM, ?????????????, ?????????, ?????..., ?????????????, ??, ?????HTML????????????????.

PS: ??BOM?DOM??????.

?DOM???, ??HTML????, ?????????????????, ??HTML????????????????.



?????-root??, ??????: head?body, ?????????.

<html>

  <head>

  </head>

  <body>

  </body>

</html>

????????????, ?????????????, ??????????, ?????????????.

<html>

  <head>

    <title></title>

  </head>

  <body>

    <a href=""></a>

    <h1></h1>

  </body>

</html>

????????, ?????????????????.

<html>

  <head>

    <title>My title</title>

```

</head>
<body>
  <a href>My link</a>
  <h1>My header</h1>
</body>
</html>

```

??Text??, ??DOM???????, ??????????.

### Node type definition

value, type, definition, example

- 1, Element, HTML tag, ex: <h1>...</h1>
  - 2, Attribute, HTML tag attribute, ex: color="red"
  - 3, Text, Text section in HTML tag, ex: Hello World!
  - 8, Comment, HTML comment, ex: <!--Comment-->
  - 9, Document, HTML root object, ex: <html>
  - 10, DocumentType, Document type, <!DOCTYPE HTML PUBLIC "...">
- PS: ?????: Element node, text node and attribute node

### Element node

??HTML tag??, ??HTML tag???????Element node.

```

<ul id="items">
  <li>Beans</li>
  <li>Cheese</li>
  <li>Milk</li>
</ul>

```

<ul>?<li>??Element node.

### Text node

Text node???DOM????.

```

<p>Wlcome to<em> DOM </em>World! </p>
Welcome to , DOM ? World! ??????3?Text node.

```

### Attribute node

```

??HTML tag??, ??HTML tag??, ??????????tag???.
<h1 class="sample">Welcome to DOM world!</h1>
<ul id="items">...</ul>

```

??h1?HTML tag??, Attribute node??class??. ???ul?HTML tage??, ??id??.

### DOM???????

????????????, ????, ??????, ?????????HTML?????????. ??tag????????, ?????????????tag????????Javascript?????????. ??

### attribute, definition

- nodeName, return current node name
- nodeValue, return current node value for Text node.
- parentNode, return existing parent node for current node.
- childNodes, return existing child node collection for current node.
- firstChild, return existing first child node for current node.
- lastChild, return existing last child node for current node.
- previousSibling, return existing previous brother node for current node.
- nextSibling, return existing next brother node for current node.

Attributes, return attribute collection for current node.  
ownerDocument, return the top-level document object .