

# DOM

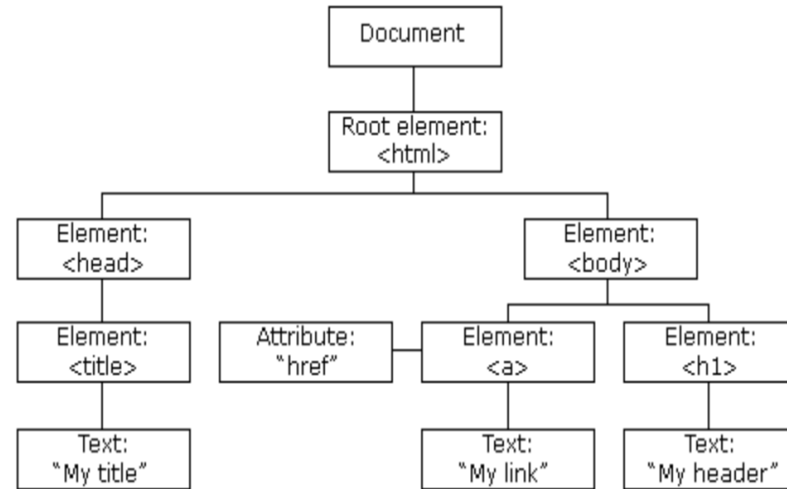
document.

# DOM

- javascript - Netscape (1995)
- Browser console
- window
- document

# DOM

```
<!doctype html>
<html>
<head>
  <title>My title</title>
</head>
<body>
  <a href="xyz.html">My link</a>
  <h1>My header</h1>
</body>
</html>
```

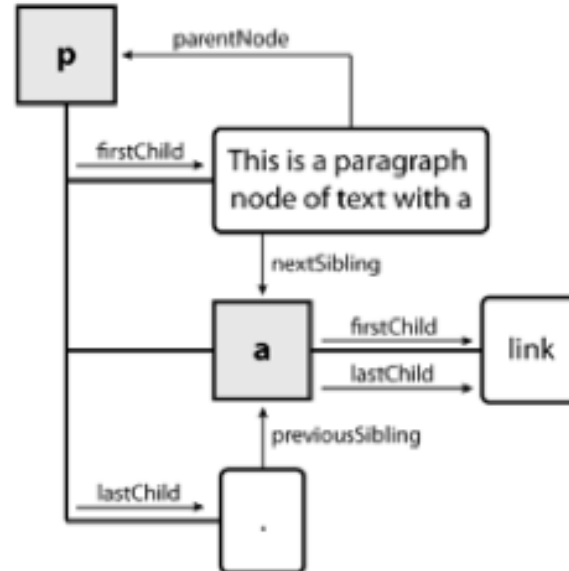


- JS objects represent elements on a page
- Use JS to traverse, inspect, add, remove elements
- Aside from “tag”, use “id” or “class” to find elements

# DOM Traversal

```
<p id="foo">This is a paragraph of text with a  
<a href="/path/to/another/page.html">link</a>.</p>
```

HTML



# document.

- ❖ *getElementById()*
- ❖ *getElementsByTagName()*
- ❖ *createElement()*

# element.

- ❖ *innerHTML*
- ❖ *getAttribute()*
- ❖ *addEventListener()*

# Event Driven

- ❖ *mouse*
  - *onclick, ondblclick, onmousedown/up/over/move/out*
- ❖ *keyboard*
  - *onkeypress/down/up*
- ❖ *form*
  - *onblur/focus/select/change/reset/submit*
- ❖ *frame*
  - *onload/abort/resize/scroll/unload*

# Where ?

- ❖ *inline*

```
<div id="example1" onclick="alert('hello')">Click for pop-up</div>
```

- ❖ *embedded*

```
<script type="text/javascript">  
    console.log("Hello World")  
</script>
```

- ❖ *external*

```
<script type="text/javascript" src="code.js"></script>
```