

Working with the DOM

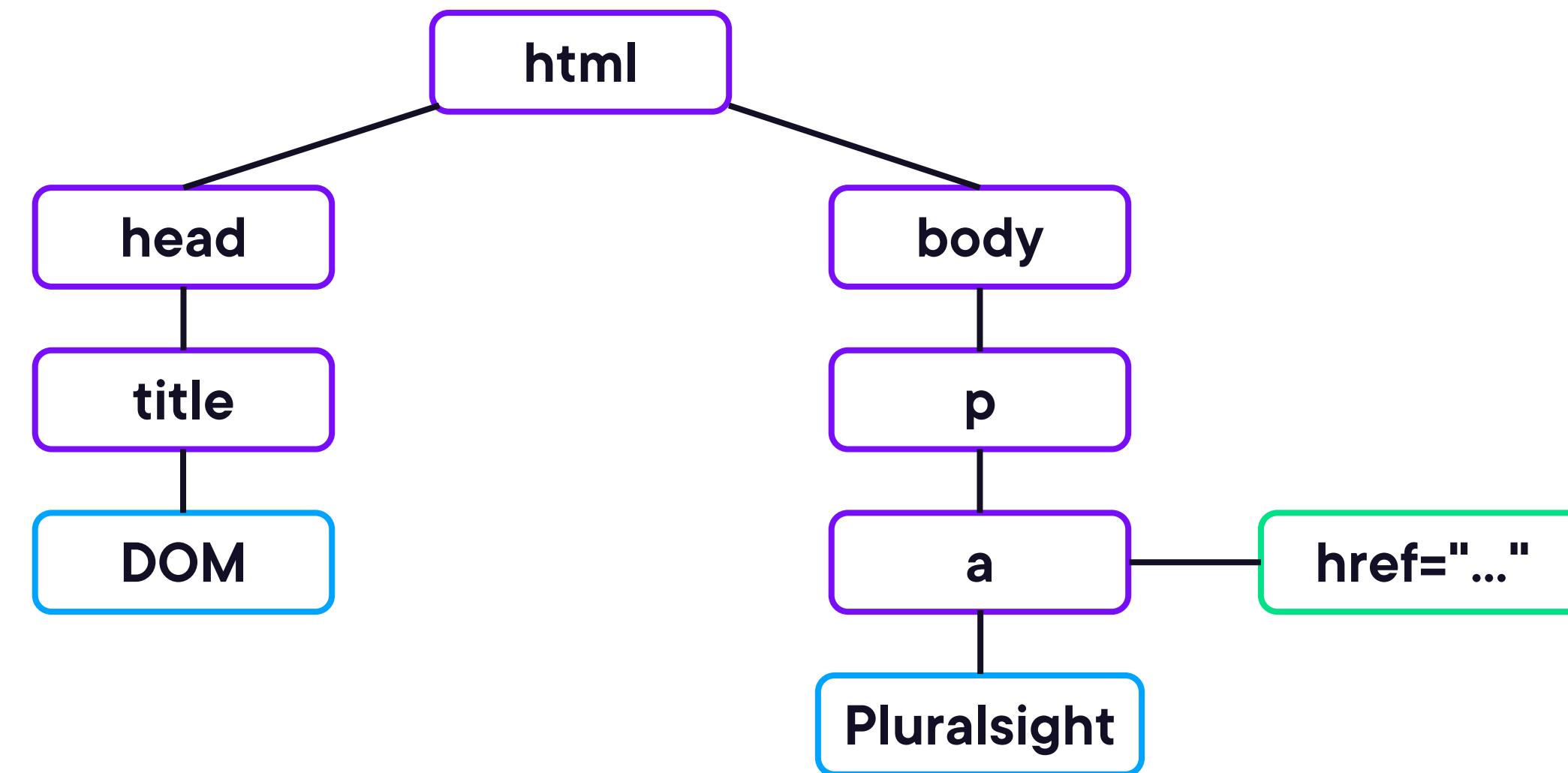


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DOM Structure



Terminology

Nodes

Attributes

Properties



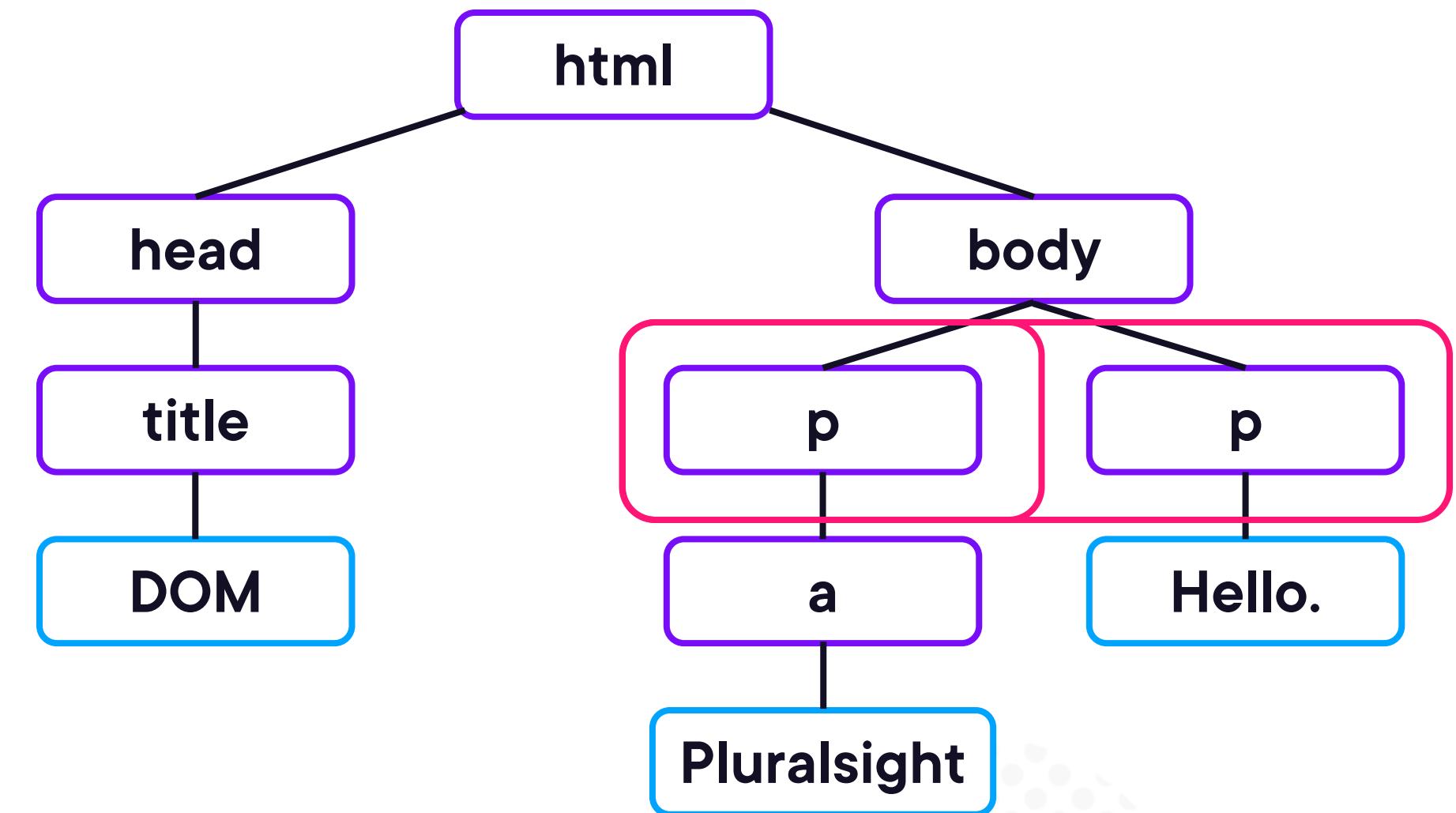
`getElementById()`

`getElementsByTagName("p")`

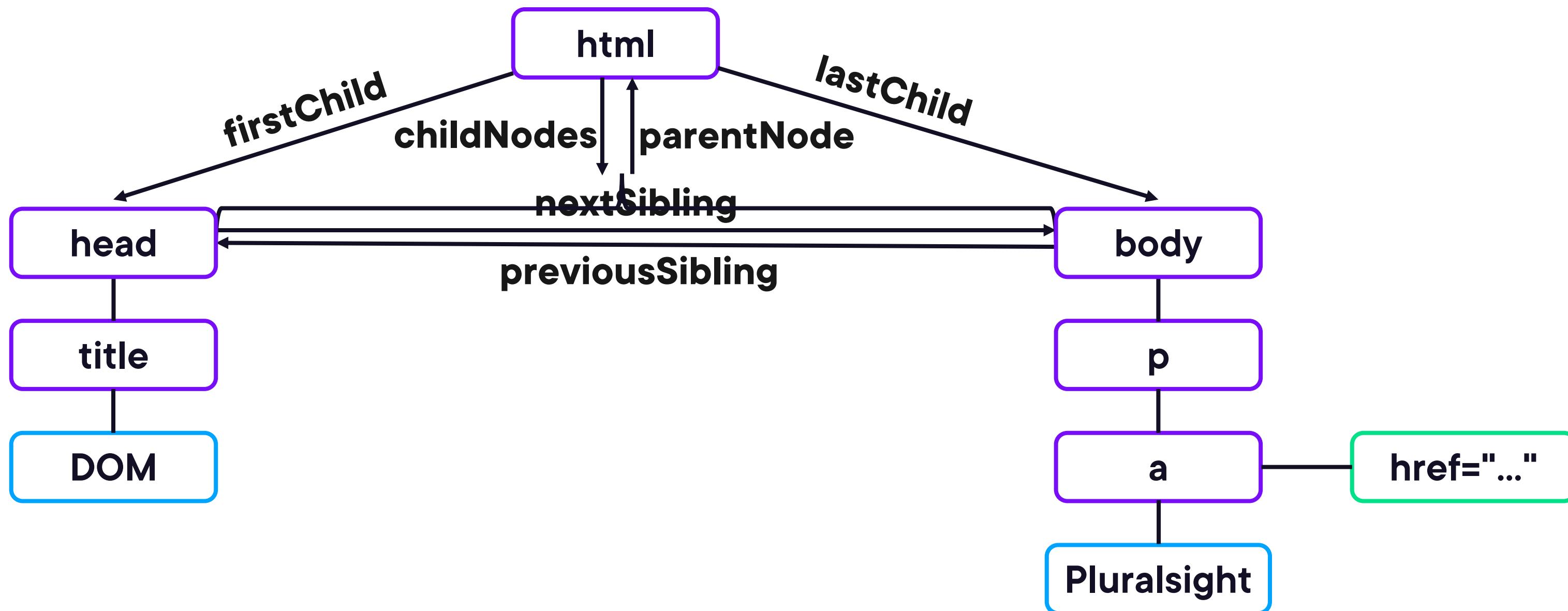
`getElementsByClassName()`

`querySelector("p")`

`querySelectorAll("p")`



DOM Navigation



```
let el = document.getElementById("...");
```

◀ Access DOM element

```
el.innerHTML = "...";
```

◀ Set HTML content

```
el.innerText = "...";
```

◀ Set text content

```
el.textContent = "...";
```

◀ Set text content

```
el.firstChild.nodeValue = "...";
```

◀ Set text node value

```
el.setAttribute("name", "value");
```

◀ Set HTML attribute



Manipulating CSS

style attribute

```
el.setAttribute(  
  "style", "color: orange");
```

style property

```
el.style.color =  
  "orange";
```

classList property

```
el.classList  
.add("my-orange")
```



Removing DOM Elements

Legacy approach

```
let node =  
  document.querySelector('...');  
  
node.parentNode.removeChild(node);
```

Modern approach

```
let node =  
  document.querySelector('...');  
  
node.remove();
```



```
let el = document.getElementById("...");
```

◀ Access placeholder

```
el.innerHTML = "<span>some text</span>";
```

◀ Create markup, write to page

```
let new_p = document.createElement("p");
```

◀ Create new element

```
let new_p_text =  
document.createTextNode("Pluralsight");
```

◀ Create text node

```
new_p.appendChild(new_p_text);
```

◀ Append text node to new element

```
el.appendChild(new_p);
```

◀ Append new element to placeholder on page





Adding DOM elements



Up Next:

Event Handling Fundamentals

