

Meeting the DOM

In this lesson, we'll have a brief introductory meeting with the Document Object Model in HTML.

WE'LL COVER THE FOLLOWING

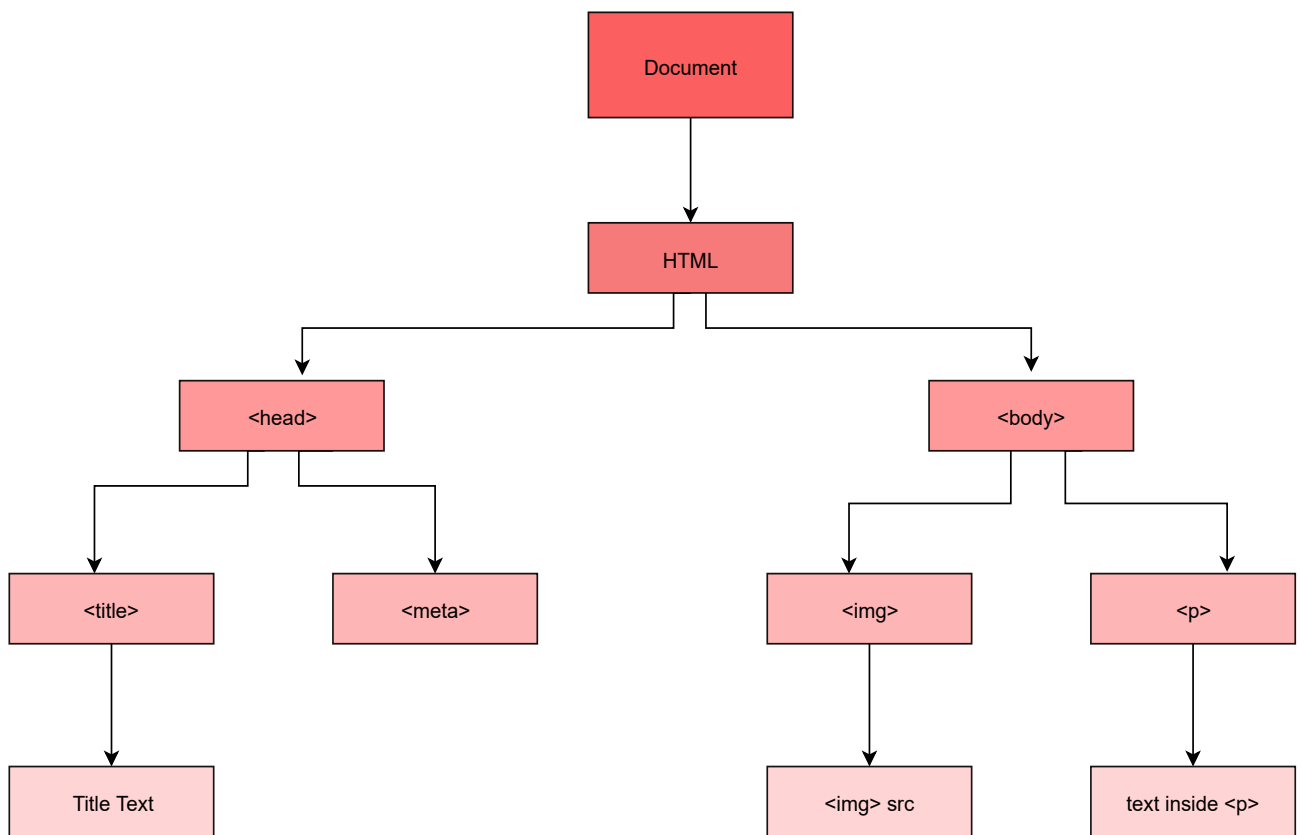


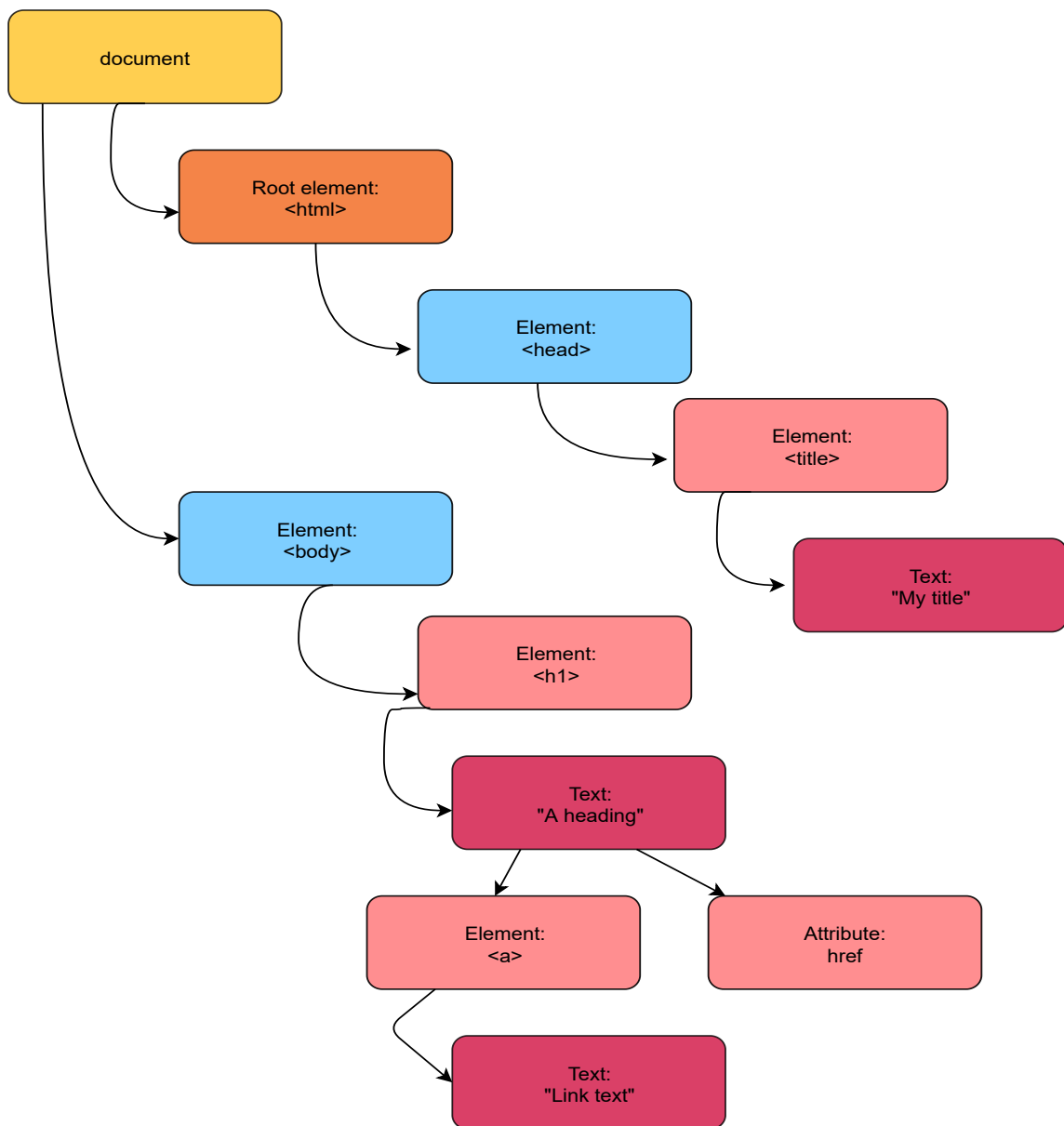
- The HTML DOM (Document Object Model)

The HTML DOM (Document Object Model)

When we request a web page, the browser creates a Document Object Model of the page while loading the webpage.

A tree of **Objects** makes up the HTML DOM model as follows:





HTML DOM Representation 2



The HTML DOM allows JavaScript to access and change any of the elements placed inside an HTML document.

With the object model, JavaScript gets all the power it needs to create dynamic HTML. With the DOM, JavaScript can alter all:

- the HTML elements in the page
- the HTML attributes in the page
- the CSS styles in the page

With the DOM, JavaScript can also:

- delete existing HTML elements and attributes
- add new HTML elements and attributes
- react and respond to all existing HTML events in the page
- create new HTML events on the page

In short, the HTML DOM is a standard for how to access, alter, add, or remove HTML elements.

The above should be enough to get you started with DOM. We have a whole chapter dedicated to the DOM and will discuss more on this in detail there.

In the *next lesson*, we see how to inspect the source code of a website within a browser!

Stay tuned! :)