

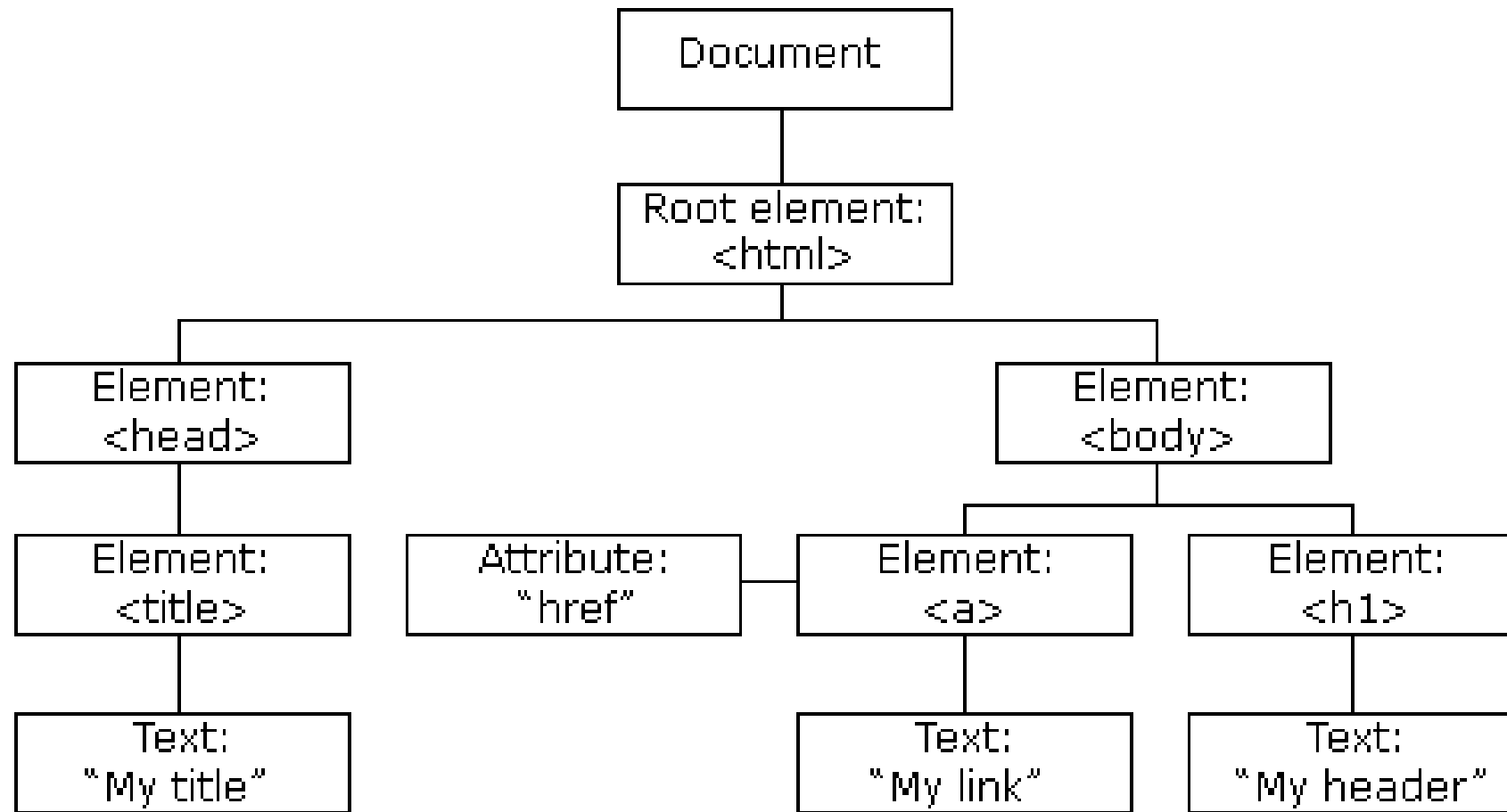
JavaScript is a high-level, interpreted programming language that is widely used for web development and as a scripting language for desktop and server applications. It is primarily used to create dynamic and interactive user interfaces and to add interactivity to web pages. JavaScript is a client-side scripting language, which means that it is executed by the client's web browser and not on the server.

DOM

In JavaScript, "Dom" stands for Document Object Model. The Document Object Model is a programming interface for web documents that provides a structured representation of the HTML or XML content of a web page. It defines the way that a web page is created, structured, and displayed in a browser.

The DOM allows developers to access and manipulate the content of a web page using JavaScript. It provides a hierarchical tree structure of elements and nodes in a web page, and developers can use JavaScript to navigate this structure, manipulate elements, and modify the content of a web page dynamically.

For example, if you wanted to change the text of an HTML element using JavaScript, you could use the DOM to select the element, access its contents, and change the text.



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

- JavaScript can change all the HTML elements in the page
- JavaScript can change all the HTML attributes in the page
- JavaScript can change all the CSS styles in the page
- JavaScript can remove existing HTML elements and attributes
- JavaScript can add new HTML elements and attributes
- JavaScript can react to all existing HTML events in the page
- JavaScript can create new HTML events in the page