**DOM**

The Document Object Model (DOM) is a cross platform and language independent interface which treats XML, HTML, CSS like document as tree structure. When the loads a web page, it creates a Document Object Model (DOM) of a page as atree of Objects. In DOM each node represents an object. By using we can do manipulation like add, delete, or replace any node in the HTML/CSS document and also we can perform searching. Searching in DOM is way more efficient and easier than searching in array or dictionary if we do not know the index or key of an node we search for, because basically tree store in some order and use binary search procedure to find the node.

Some Advantages of DOM includes:

* We can go forward and backward
* As changes made in tree (For ex: HTML Tree) will reflect in memory.
* The file is parsed only once so no need to access server every which will reduce server load.

Some Disadvantages of DOM includes:

* If file is big, more memory will be required.