



Web Technology
(KCS-602)
Unit 2
DHTML

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DHTML

- DHTML stands for Dynamic HTML, it is totally different from HTML.
- The DHTML is based on the properties of the HTML, javascript, CSS, and DOM (Document Object Model which is used to access individual elements of a document) which helps in making dynamic content.

- It is the combination of HTML, CSS, JS, and DOM.
- The DHTML make use of Dynamic object model to make changes in settings and also in properties and methods.
- It also makes uses of Scripting and it is also part of earlier computing trends.

Why DHTML is used

DHTML is used to create interactive and animated web pages that are generated in real-time, also known as dynamic web pages so that when such a page is accessed, the code within the page is analyzed on the web server and the resulting HTML is sent to the client's web browser.

Advantages

- Size of the files are compact in compared to other interactional media like Flash or Shockwave, and it downloads faster.
- It is supported by big browser manufacturers like Microsoft and Netscape.
- Highly flexible and easy to make changes.
- Viewer requires no extra plug-ins for browsing through the webpage that uses DHTML, they do not need any extra requirements or special software to view it.

Disadvantages

- It is not supported by all the browsers. It is supported only by recent browsers such as Netscape 6, IE 5.5, and Opera 5 like browsers.
- Learning of DHTML requires a lot of pre-requisites languages such as HTML, CSS, JS,
- Implementation of different browsers are different. So if it worked in one browser, it might not necessarily work the same way in another browser.

Difference between HTML and DHTML:

- HTML is a markup language while DHTML is a collection of technologies.
- HTML is used to create static webpages while DHTML is capable of creating dynamic webpages.
- DHTML is used to create animations and dynamic menus but HTML not used.
- HTML sites are slow upon client-side technologies whereas DHTML sites are comparatively faster.

- Web pages created using HTML are rather simple and have no styling as it uses only one language whereas DHTML uses HTML, CSS, and Javascript which results in a much better and way more presentable webpage.

Important Questions

- What is DHTML? (2014-15).
- What is advantage of using DHTML.(Infosys Interview 2021).