



Browser Architecture

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- Browser is a software tool to access webpages on the client device.

- Various browser available are

a. Chrome

b. Firefox

c. Edge

d. Safari

- Every browser comprises of following components

a. User interface : It contains title bar, address bar, refresh

b. Browser Engine : It is responsible for converting HTML,CSS into browser understable format.

Every browser has browser engine

a. Gecko

b. webkit

c. chakra

d. SpiderMonkey

c. Rendering Engine : It is responsible for presentation of processed content.

d. Javascript Interpreter: Every browser uses javascript as a langauge for interactions,It is translated using JS interpreter.

e. Network : It monitors the activity performed in a page when requested in browser.

a. Resource loaded

b. Number of request per page

c. Time taken to load Content

f. UI Backend : It contains the logic for UserInterface of the browser.

g. DataPersistence : It is a location where browser can store client details

a. Local storage

b. Session storage

c. Cookies etc...