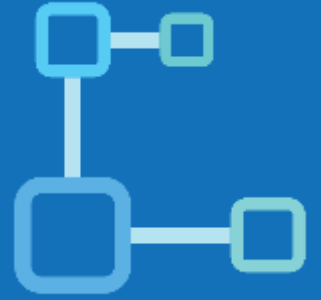




www.netlink.com



JavaScript

window vs document

Window

- It is the root level element in any web page.
- All the global variables are defined on the window object.
- For example, `alert()`, `confirm()` are methods defined on the window object.
- Writing `alert()` is similar to `window.alert()`
- Also, properties like `document`, `location` are properties of the window object.
- JavaScript window is a global object which holds **variables, functions, history, location**.

Document

- It is the direct child of the window object. It is aka Document Object Model (DOM).
- You can access it via `window.document` or `document`.
- document object has many useful methods defined on it.
- For example, `document.getElementById()`, `document.getElementsByTagName()`, `document.createElement()`, `document.querySelector()` and many more

innerHTML vs innerText

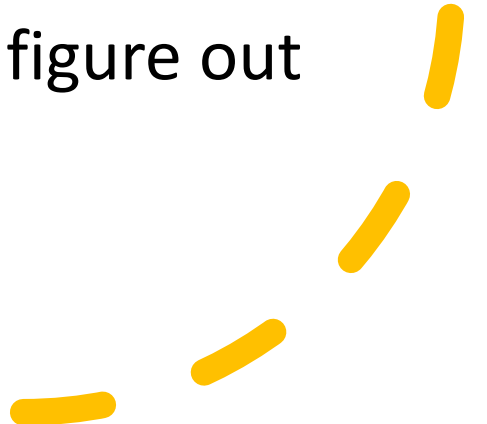
innerText retrieves and sets the content of the tag as **plain text**

innerHTML retrieves and sets the content in HTML format.

Browser Engines

A web browser is a software application that enables a user to access and display web pages or other online content through its graphical user interface.

The browser engine is a core software component of every major web browser, combines structure and style together to draw the web page on your screen, and figure out which bits of it are interactive.

A decorative graphic consisting of several thick, yellow, curved lines arranged in a sweeping, upward-curving path in the bottom right corner of the slide.

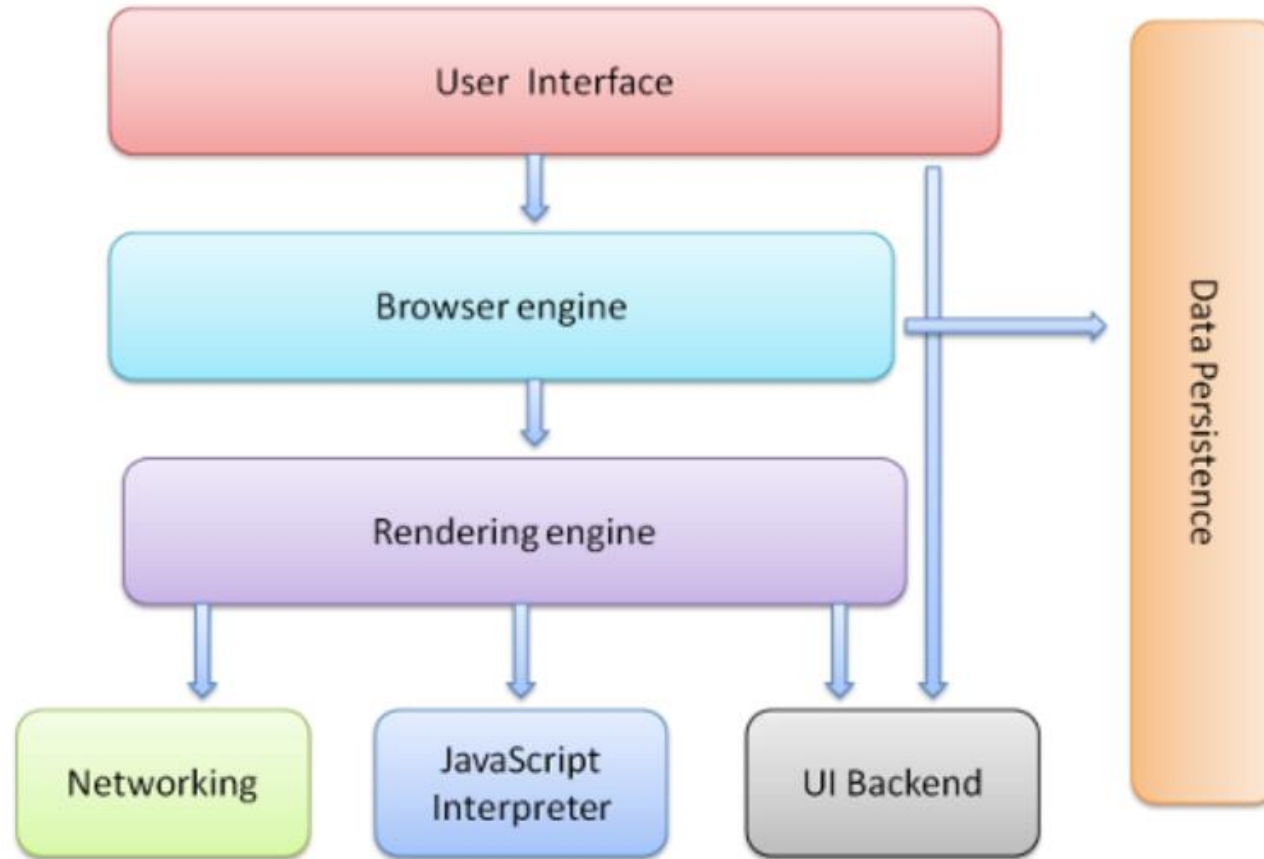


Figure : Browser components

JavaScript : Browser Engine

Google Chrome

- Blink
- V8

Mozilla Firefox

- Gecko
- SpiderMonkey

Safari

- WebKit
- Nitro

Edge

- EdgeHTML
- Chakra

Opera

- Blink
- V8

Internet Explorer

- Trident
- Chakra



Thank you

