



JONAS.IO
SCHMEDTMANN

THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!



@JONASSCHMEDTMAN

SECTION

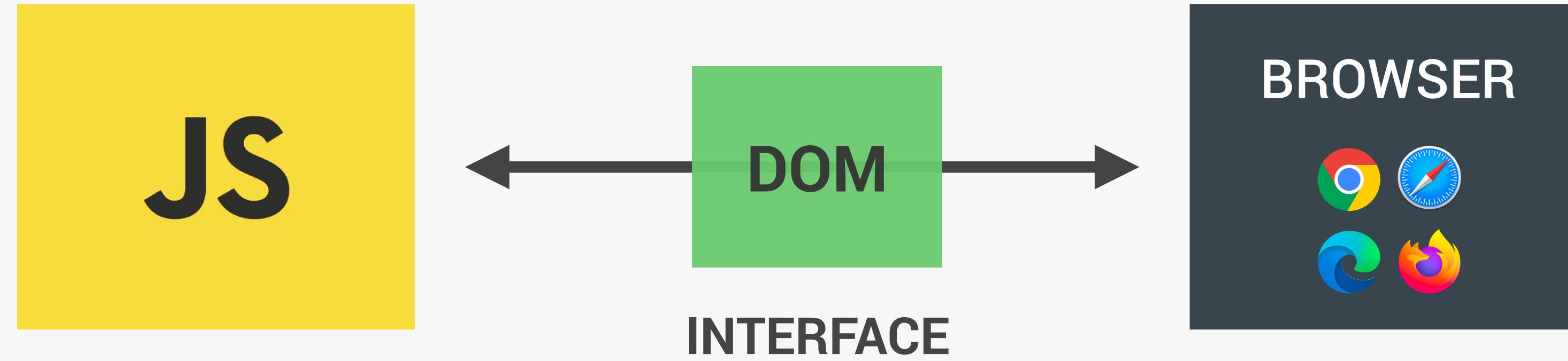
ADVANCED DOM AND EVENTS

LECTURE

HOW THE DOM REALLY WORKS

JS

REVIEW: WHAT IS THE DOM?

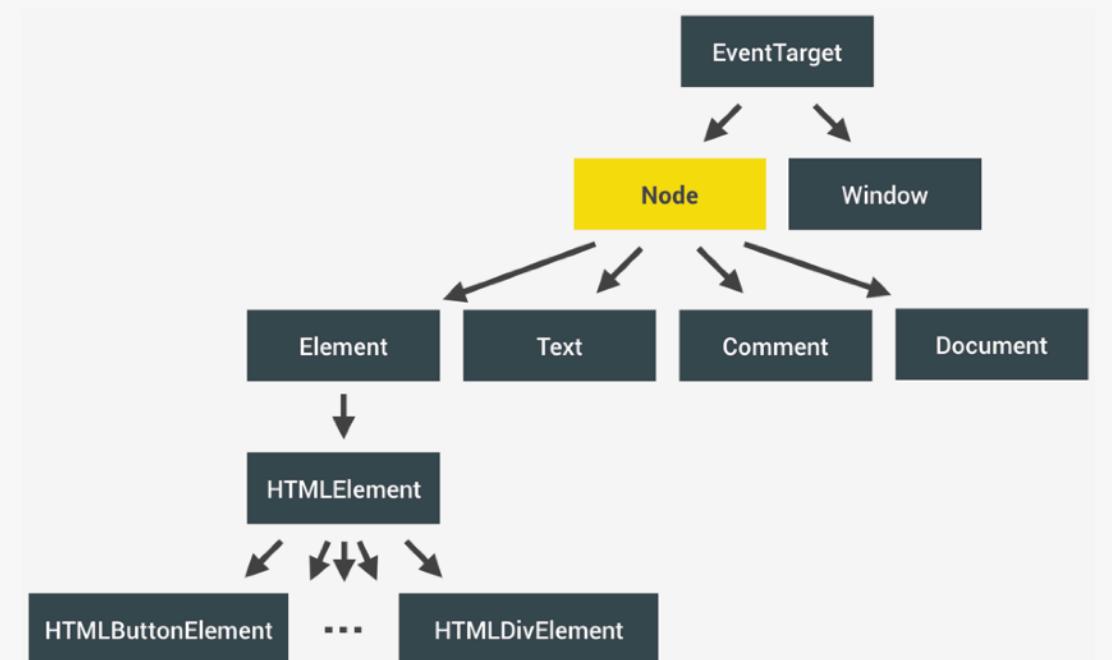


- 👉 Allows us to make JavaScript interact with the browser;
- 👉 We can write JavaScript to create, modify and delete HTML elements; set styles, classes and attributes; and listen and respond to events;
- 👉 DOM tree is generated from an HTML document, which we can then interact with;
- 👉 DOM is a very complex API that contains lots of methods and properties to interact with the DOM tree

Application Programming Interface



```
.querySelector() / .addEventListener() / .createElement() /  
.innerHTML / .textContent / .children / etc ...
```



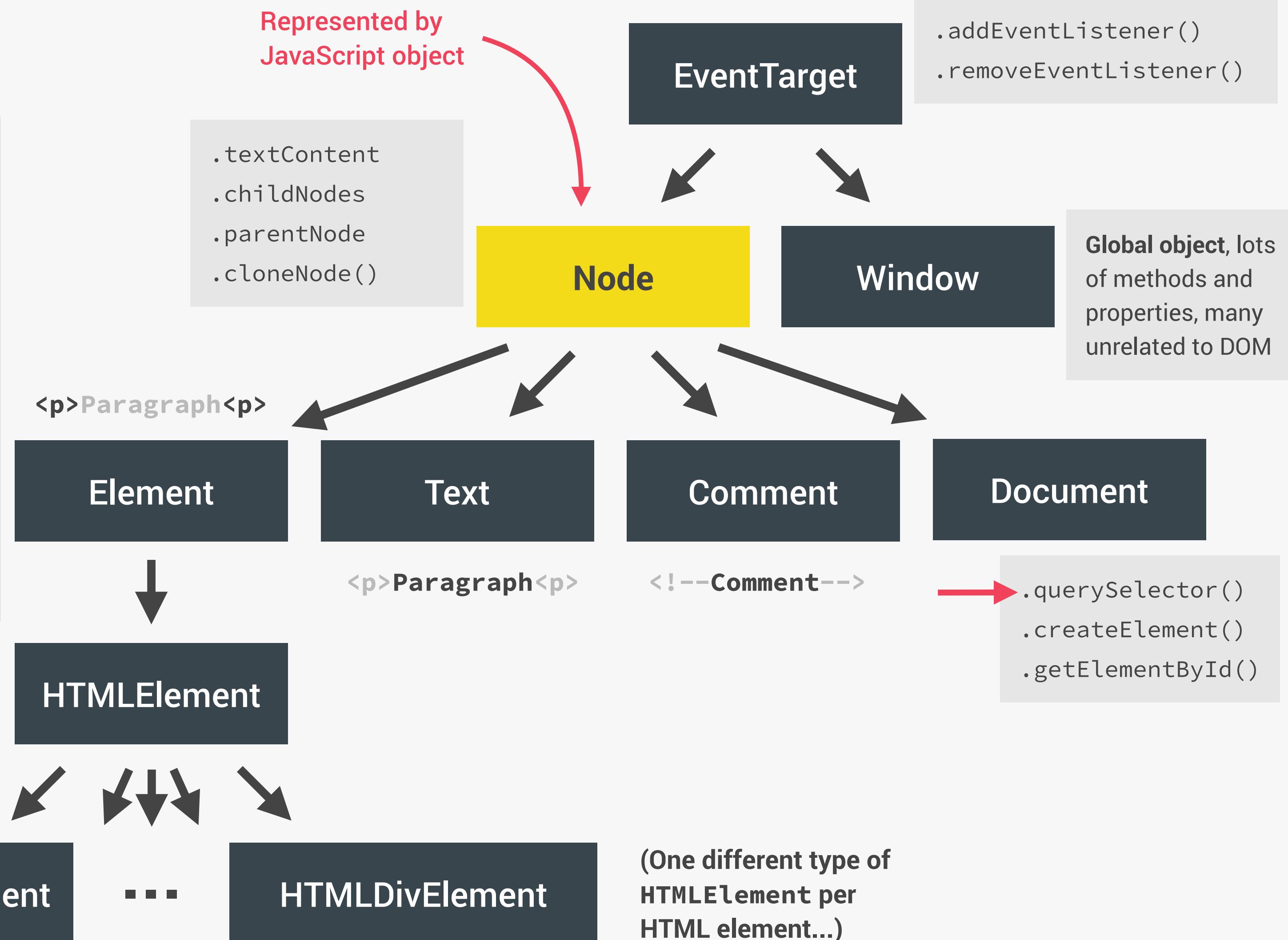
"Types" of
DOM objects
(next slide)

HOW THE DOM API IS ORGANIZED BEHIND THE SCENES



.innerHTML
.classList
.children
.parentElement
.append()
.remove()
.insertAdjacentHTML()
.querySelector()
.closest()
.matches()
.scrollIntoView()
.setAttribute()

→ .querySelector()



INHERITANCE OF METHODS AND PROPERTIES

Example:

Any **HTMLElement** will have access to **.addEventListener()**, **.cloneNode()** or **.closest()** methods.

(THIS IS NOT A DOM TREE)