

JavaScript Event Types and Event Object Properties

JavaScript Event Types

JavaScript Event Types to Learn

Mouse Events

- click: When an element is clicked
- dblclick: Double-click on an element
- mousedown: Mouse button is pressed
- mouseup: Mouse button is released
- mouseenter: Mouse enters an element
- mouseleave: Mouse leaves an element
- mousemove: Mouse moves over an element

Keyboard Events

- keydown: A key is pressed down
- keyup: A key is released

Form/Input Events

- submit: A form is submitted
- change: An input value changes (e.g., select box)
- input: User types in an input field
- focus: Input gets focus
- blur: Input loses focus

Window Events

- load: Page or image loads
- resize: Window is resized
- scroll: Page is scrolled

Clipboard Events

JavaScript Event Types and Event Object Properties

- copy: Content is copied
- cut: Content is cut
- paste: Content is pasted

Useful Event Object Properties

Important Event Object Properties and Methods

General

- event.type: The type of event triggered (e.g., "click")
- event.target: The element that triggered the event
- event.currentTarget: The element that has the event listener
- event.preventDefault(): Prevents the default action (e.g., form submission)
- event.stopPropagation(): Stops event from bubbling

Mouse Specific

- event.clientX / event.clientY: Mouse position in viewport
- event.pageX / event.pageY: Mouse position relative to page
- event.button: Mouse button used (0 = left, 1 = middle, 2 = right)

Keyboard Specific

- event.key: Key value pressed (e.g., "Enter")
- event.code: Physical key code (e.g., "KeyA")
- event.altKey / ctrlKey / shiftKey: Whether modifier keys were held

Input/Form Specific

- event.target.value: The current value of the input
- event.target.checked: Checkbox state (true/false)