

Handling mouse event

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The two popular mouse event provided by JS are :

1. mouseover : Gets fired as soon as the mouse pointer or cursor enters in the element for which event has been registered.
2. mouseout : Gets fired as soon as the mouse pointer or cursor exits from the element for which event has been registered.

Handling KeyBoard Event

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As the name indicates , Keyboard events are executed as soon as a key is pressed or released.

JS provides us 3 keyboard events:

- a. keypress: Gets executed when the user presses a character(ASCII) based key
- b. keydown: Gets executed when the user presses any key
- c. keyup: Gets executed when the user releases any key

Special Note: The keypress event has been deprecated

DOM Level 2 Event Handling

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In this style of event handling we use two methods:

1. `addEventListener()`
2. `removeEventListener()`

Both the methods belong to DOM nodes and the 1st method registers an event as well as executes the code when the event fires.

The 2nd method cancels or removes the registered event listener.

Syntax of `addEventListener()`

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`<dom_node>.addEventListener("<event_name>",callback);`