JavaScript Events

As you navigate the web, your browser registers different types of events.

Common events include:
• Clicking or tapping on a link
• Hovering or swiping over an element
• Resizing the browser window
• A web page loading

JavaScript can be used to respond to the multitude of events that occur within the DOM.
Event Types
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UI Events

load
unload
error
resize
scroll
Event Types

Keyboard Events

keydown
keyup
keypress
Event Types

Mouse Events

click
dblclick
mousedown
mouseup
mousemove
mouseover
mouseout
Event Types

Focus Events

- focus
- blur
Event Types

Form Events

input
change
submit
reset
cut
copy
paste
select
Event Types
Mutation Events

DOMSubtreeModified
DOMNodeInserted
DOMNodeRemoved
DOMNodeInsertedIntoDocument
DOMNodeRemovedFromDocument
Event Handling
Event Handling

1. Select an element for the script to respond to.
2. Specify which event will trigger the response.
3. Run code specific to that event.
Event Handling

Binding

Specifying which event will trigger the response is also known as binding.

There are three different ways to bind an event to an element.

• HTML event handlers
• DOM event handlers
• DOM event listeners