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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
Event Types

UI Events

load
unload
error
resize
scroll
Event Types

Keyboard Events

down
up
press
Event Types

Mouse Events

- click
- dblclick
- mousedown
- mouseup
-mousemove
- 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 Types

Touch Events

touchstart
touchmove
touchend
touchcancel
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.
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
Web Development
CSCI-GA 1122

JavaScript
Events