Introduction to Web Design

Events
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DOM 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.
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UI Events

Events

load
unload
error
resize
scroll
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Keyboard Events

keydown
keyup
keypress
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Mouse Events

click
dblclick
mousedown
mouseup
mousemove
mouseover
mouseout
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Focus Events

Events

focus
blur
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Form Events

Events:

- input
- change
- submit
- reset
- cut
- copy
- paste
- select
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Mutation Events

Events

DOMSubtreeModified
DOMNodeInserted
DOMNodeRemoved
DOMNodeInsertedIntoDocument
DOMNodeRemovedFromDocument
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Touch Events

touchstart
touchmove
touchend
touchcancel
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Event Handling

Events

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.
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Binding

Events

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