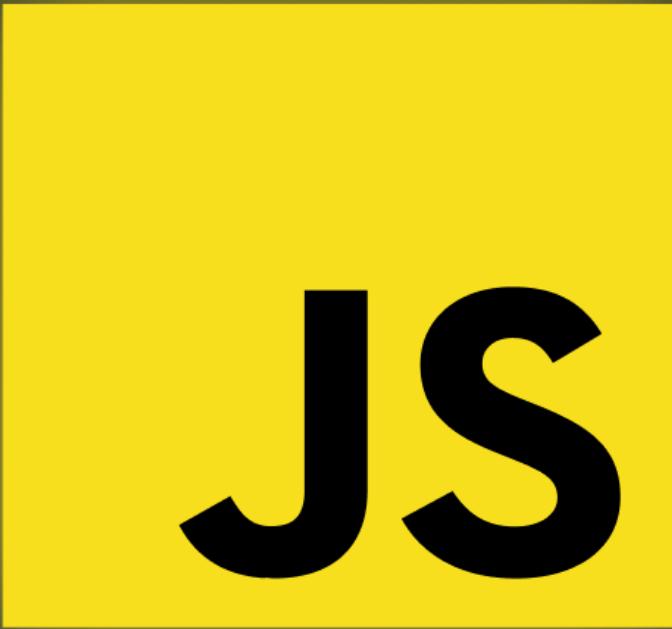




JavaScript CheatSheet

- DOM Events
- DOM Properties

A large, bold, black 'JS' logo centered on a yellow rectangular background. The yellow rectangle has a dark gradient shadow at its base, creating a sense of depth.

Input Events

onblur

When a user leaves an input field

onchange

When a user changes the content of an input field

onfocus

When an input field gets focus

onselect

When input text is selected

onsubmit

When a user clicks the submit button

onreset

When a user clicks the reset button

Input Events

onkeydown

When a user is pressing/holding down a key

onkeypress

When a user is pressing/holding down a key

onkeyup

When the user releases a key

onkeydown

When the user is pressing a key

Mouse Events

onclick

When the user clicks on an element

oncontextmenu

When the user right-clicks on an element to open a context menu

ondblclick

When the user double-clicks on an element

onmouseenter

When the pointer is moved onto an element

onmouseleave

When the pointer is moved out of an element

onmousemove

when the pointer is moving while it is over an element

Mouse Events

onmousedown

When the user presses a mouse button over an element

onmouseout

When a user moves the mouse pointer out of an element, or out of one of its children

onmouseover

When the pointer is moved onto an element, or onto one of its children

onmouseup

when a user releases a mouse button over an element

HTML DOM Events

abort

The event occurs when the loading of a media is aborted

afterprint

The event occurs when a page has started printing, or if the print dialogue box has been closed

animationend

The event occurs when a CSS animation has completed

animationiteration

The event occurs when a CSS animation is repeated

animationstart

The event occurs when a CSS animation has started

HTML DOM Events

beforeprint

The event occurs when a page is about to be printed

beforeunload

The event occurs before the document is about to be unloaded

blur

The event occurs when an element loses focus

canplay

The event occurs when the browser can start playing the media (when it has buffered enough to begin)

canplaythrough

The event occurs when the browser can play through the media without stopping for buffering

HTML DOM Events

change

The event occurs when the content of a form element, or the checked state have changed

click

The event occurs when the user clicks on an element

contextmenu

The event occurs when the user right-clicks on an element to open a context menu

copy

The event occurs when the user copies the content of an element

cut

The event occurs when the user cuts the content of an element

HTML DOM Events

dblclick

The event occurs when the user double-clicks on an element

drag

The event occurs when an element is being dragged

dragend

The event occurs when the user has finished dragging an element

dragenter

The event occurs when the dragged element enters the drop target

dragleave

The event occurs when the dragged element leaves the drop target

HTML DOM Events

dragover

The event occurs when the dragged element is over the drop target

dragstart

The event occurs when the user starts to drag an element

drop

The event occurs when the dragged element is dropped on the drop target

durationchange

The event occurs when the duration of the media is changed

ended

The event occurs when the media has reach the end (useful for messages like "thanks for listening")

HTML DOM Events

error

The event occurs when an error occurs while loading an external file

focus

The event occurs when an element gets focus

focusin

The event occurs when an element is about to get focus

focusout

The event occurs when an element is about to lose focus

fullscreenchange

The event occurs when an element is displayed in fullscreen mode

HTML DOM Events

fullscreenerror

The event occurs when an element can not be displayed in fullscreen mode

input

The event occurs when an element gets user input

invalid

The event occurs when an element is invalid

keydown

The event occurs when the user is pressing a key

keypress

The event occurs when the user presses a key

keyup

The event occurs when the user releases a key

HTML DOM Events

load

The event occurs when an object has loaded

loadeddata

The event occurs when media data is loaded

loadedmetadata

The event occurs when meta data (like dimensions and duration) are loaded

loadstart

The event occurs when the browser starts looking for the specified media

message

The event occurs when a message is received through the event source

HTML DOM Events

mousedown

The event occurs when the user presses a mouse button over an element

mouseenter

The event occurs when the pointer is moved onto an element

mouseleave

The event occurs when the pointer is moved out of an element

mousemove

The event occurs when the pointer is moving while it is over an element

mouseover

The event occurs when the pointer is moved onto an element, or onto one of its children

HTML DOM Events

mouseout

The event occurs when a user moves the mouse pointer out of an element, or out of one of its children

mouseup

The event occurs when a user releases a mouse button over an element

offline

The event occurs when the browser starts to work offline

online

The event occurs when the browser starts to work online

open

The event occurs when a connection with the event source is opened

HTML DOM Events

pagehide

The event occurs when the user navigates away from a webpage

pageshow

The event occurs when the user navigates to a webpage

paste

The event occurs when the user pastes some content in an element

pause

The event occurs when the media is paused either by the user or programmatically

play

The event occurs when the media has been started or is no longer paused

HTML DOM Events

playing

The event occurs when the media is playing after having been paused or stopped for buffering

popstate

The event occurs when the window's history changes

progress

The event occurs when the browser is in the process of getting the media data (downloading the media)

ratechange

The event occurs when the playing speed of the media is changed

resize

The event occurs when the document view is resized

HTML DOM Events

reset

The event occurs when a form is reset

scroll

The event occurs when an element's scrollbar is being scrolled

search

The event occurs when the user writes something in a search field (for <input="search">)

seeked

The event occurs when the user is finished moving/ skipping to a new position in the media

seeking

The event occurs when the user starts moving/ skipping to a new position in the media

HTML DOM Events

select

The event occurs after the user selects some text (for <input> and <textarea>)

show

The event occurs when a <menu> element is shown as a context menu

stalled

The event occurs when the browser is trying to get media data, but data is not available

storage

The event occurs when a Web Storage area is updated

submit

The event occurs when a form is submitted

HTML DOM Events

suspend

The event occurs when the browser is intentionally not getting media data

timeupdate

The event occurs when the playing position has changed (like when the user fast forwards to a different point in the media)

toggle

The event occurs when the user opens or closes the <details> element

touchcancel

The event occurs when the touch is interrupted

touchend

The event occurs when a finger is removed from a touch screen

HTML DOM Events

touchmove

The event occurs when a finger is dragged across the screen

touchstart

The event occurs when a finger is placed on a touch screen

transitionend

The event occurs when a CSS transition has completed

unload

The event occurs once a page has unloaded (for <body>)

volumechange

The event occurs when the volume of the media has changed (includes setting the volume to "mute")

HTML DOM Events

waiting

The event occurs when the media has paused but is expected to resume (like when the media pauses to buffer more data)

wheel

The event occurs when the mouse wheel rolls up or down over an element

hashchange

The event occurs when there has been changes to the anchor part of a URL

HTML DOM Event Properties and Methods

altKey

Returns whether the "ALT" key was pressed when the mouse event was triggered

animationName

Returns the name of the animation

bubbles

Returns whether or not a specific event is a bubbling event

button

Returns which mouse button was pressed when the mouse event was triggered

HTML DOM Event Properties and Methods

cancelable

Returns whether or not an event can have its default action prevented

charCode

Returns the Unicode character code of the key that triggered the onkeypress event

changeTouches

Returns a list of all the touch objects whose state changed between the previous touch and this touch

clientX

Returns the horizontal coordinate of the mouse pointer, relative to the current window, when the mouse event was triggered

HTML DOM Event Properties and Methods

`clientY`

Returns the vertical coordinate of the mouse pointer, relative to the current window, when the mouse event was triggered

`clipboardData`

Returns an object containing the data affected by the clipboard operation

`code`

Returns the code of the key that triggered the event

`composed`

Returns whether the event is composed or not

`createEvent()`

Creates a new event

HTML DOM Event Properties and Methods

ctrlKey

Returns whether the "CTRL" key was pressed when the mouse event was triggered

currentTarget

Returns the element whose event listeners triggered the event

dataTransfer

Returns an object containing the data being dragged/dropped, or inserted/deleted

defaultPrevented

Returns whether or not the preventDefault() method was called for the event

HTML DOM Event Properties and Methods

deltaX

Returns the horizontal scroll amount of a mouse wheel (x-axis)

deltaY

Returns the vertical scroll amount of a mouse wheel (y-axis)

deltaZ

Returns the scroll amount of a mouse wheel for the z-axis

deltaMode

Returns a number that represents the unit of measurements for delta values (pixels, lines or pages)

HTML DOM Event Properties and Methods

detail

Returns a number that indicates how many times the mouse was clicked

elapsedTime

Returns the number of seconds an animation or transition has been running

eventPhase

Returns which phase of the event flow is currently being evaluated

getTargetRanges()

Returns an array containing target ranges that will be affected by the insertion/deletion

HTML DOM Event Properties and Methods

getModifierState()

Returns an array containing target ranges that will be affected by the insertion/deletion

inputType

Returns the type of the change (i.e "inserting" or "deleting")

isComposing

Returns whether the state of the event is composing or not

isTrusted

Returns whether or not an event is trusted

HTML DOM Event Properties and Methods

data

Returns the inserted characters

key

Returns the key value of the key represented by the event or returns the key of the changed storage item

keyCode

Returns the Unicode character code of the key that triggered the onkeypress event, or the Unicode key code of the key that triggered the onkeydown or onkeyup event

location

Returns the location of a key on the keyboard or device

HTML DOM Event Properties and Methods

lengthComputable

Returns whether the length of the progress can be computable or not

loaded

Returns how much work has been loaded

metaKey

Returns whether the "META" key was pressed when an event was triggered

MovementX

Returns the horizontal coordinate of the mouse pointer relative to the position of the last mousemove event

HTML DOM Event Properties and Methods

MovementY

Returns the vertical coordinate of the mouse pointer relative to the position of the last mousemove event

newValue

Returns the new value of the changed storage item

newURL

Returns the URL of the document, after the hash has been changed

offsetX

Returns the horizontal coordinate of the mouse pointer relative to the position of the edge of the target element

HTML DOM Event Properties and Methods

offsetY

Returns the vertical coordinate of the mouse pointer relative to the position of the edge of the target element

oldValue

Returns the old value of the changed storage item

oldURL

Returns the URL of the document, before the hash was changed

onemptied

The event occurs when something bad happens and the media file is suddenly unavailable (like unexpectedly disconnects)

HTML DOM Event Properties and Methods

pageX

Returns the horizontal coordinate of the mouse pointer, relative to the document, when the mouse event was triggered

pageY

Returns the vertical coordinate of the mouse pointer, relative to the document, when the mouse event was triggered

persisted

Returns whether the webpage was cached by the browser

propertyName

Returns the name of the CSS property associated with the animation or transition

HTML DOM Event Properties and Methods

preventDefault()

Cancels the event if it is cancelable, meaning that the default action that belongs to the event will not occur

pseudoElement

Returns the name of the pseudo-element of the animation or transition

relatedTarget

Returns the element related to the element that triggered the mouse event

repeat

Returns whether a key is being hold down repeatedly, or not

HTML DOM Event Properties and Methods

screenX

Returns the horizontal coordinate of the mouse pointer, relative to the screen, when an event was triggered

screenY

Returns the vertical coordinate of the mouse pointer, relative to the screen, when an event was triggered

shiftKey

Returns whether the "SHIFT" key was pressed when an event was triggered

state

Returns an object containing a copy of the history entries

HTML DOM Event Properties and Methods

stopImmediatePropagation()

Prevents other listeners of the same event from being called

stopPropagation()

Prevents further propagation of an event during event flow

storageArea

Returns an object representing the affected storage object

target

Returns the element that triggered the event

total

Returns the total amount of work that will be loaded

HTML DOM Event Properties and Methods

targetTouches

Returns a list of all the touch objects that are in contact with the surface and where the touchstart event occurred on the same target element as the current target element

timeStamp

Returns the time (in milliseconds relative to the epoch) at which the event was created

touches

Returns a list of all the touch objects that are currently in contact with the surface

transitionend

The event occurs when a CSS transition has completed

HTML DOM Event Properties and Methods

type

Returns the name of the event

url

Returns the URL of the changed item's document

which

Returns which mouse button was pressed when the mouse event was triggered

which

Returns the Unicode character code of the key that triggered the onkeypress event, or onkeyup / down

view

Returns a reference to the Window object where the event occurred

Want to Become a JavaScript Master ?

If you're serious about learning JavaScript and getting a job as a web developer. I highly encourage you to enroll in my **Complete Path to JavaScript Mastery Course**. Don't waste your time following disconnected, outdated tutorials. My Course has everything you need in one place:

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