

# HTML - Events Reference

When users visit your website, they do things like click various links, bring mouse over text and images etc. These are examples of what we call events in JavaScript and VBScript terminologies.

We can write our event handlers using JavaScript or VBScript and can specify some actions to be taken against these events. Though these are the events but they will be specified as attributes for the HTML tags.

The HTML 4.01 specification had defined 19 events but later HTML-5 has added many other events which we have listed down here –

## Window Events Attributes

Following are the window events attributes that are listed below –

Sr.No	Events & Description
1	<b>onafterprint</b> Triggers after a document is printed
2	<b>onbeforeprint</b> Triggers before a document is printed
3	<b>onbeforeunload</b> Triggers before a document loads
4	<b>onerror</b> Triggers when an error occurs
5	<b>onhashchange</b> Triggers when a document has changed
6	<b>onload</b> Triggers when a document loads
7	<b>onoffline</b> Triggers when a document goes offline
8	<b>ononline</b> Triggers when a document comes online
9	<b>onpagehide</b> Triggers when a window is hidden
10	<b>onpageshow</b> Triggers when a window becomes visible
11	<b>onresize</b> Triggers when a window is resized

12	<b>onunload</b> Triggers when a user leaves the document
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## Form Events

Following are the Form events attributes that are listed below –

Sr.No	Events & Description
1	<b>onblur</b> Triggers when a window loses focus
2	<b>onchange</b> Triggers when an element changes
3	<b>oncontextmenu</b> Triggers when a context menu is triggered
4	<b>onfocus</b> Triggers when a window gets focus
5	<b>oninput</b> Triggers when an element gets user input
6	<b>oninvalid</b> Triggers when an element is invalid
7	<b>onreset</b> Triggers when a form is reset
8	<b>onsearch</b> The HTML onsearch event allows to run specific JavaScript code when a user conducts a search action within a searchable input field.
9	<b>onselect</b> Triggers when an element is selected
10	<b>onsubmit</b> Triggers when a form is submitted

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## Keyboard Events

Following are the HTML Keyboard Events that are listed below –

Sr.No	Events & Description
1	<b>onkeydown</b> Triggers when a key is pressed

2	<b>onkeyup</b> Triggers when a key is released
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## Mouse Events

Following are the Mouse events attributes that are listed below –

Sr.No	Events & Description
1	<b>onclick</b> Triggers on a mouse click
2	<b>ondblclick</b> Triggers on a mouse double-click
3	<b>onmousedown</b> Triggers when a mouse button is pressed
4	<b>onmousemove</b> Triggers when the mouse pointer moves
5	<b>onmouseout</b> Triggers when the mouse pointer moves out of an element
6	<b>onmouseover</b> Triggers when the mouse pointer moves over an element
7	<b>onmouseup</b> Triggers when a mouse button is released
8	<b>onwheel</b> When the mouse wheel is over an element, the HTML onwheel event takes place.

## Drag Events

Following are the HTML drag events that are listed below –

Sr.No	Events & Description
1	<b>ondrag</b> Triggers when an element is dragged
2	<b>ondragend</b> Triggers at the end of a drag operation
3	<b>ondragenter</b> Triggers when an element has been dragged to a valid drop target
4	<b>ondragleave</b> Triggers when an element leaves a valid drop target

5	<b>ondragover</b> Triggers when an element is being dragged over a valid drop target
6	<b>ondragstart</b> Triggers at the start of a drag operation
7	<b>ondrop</b> Triggers when a dragged element is being dropped
8	<b>onscroll</b> Triggers when an element's scrollbar is being scrolled

## Clipboard Events

Let's look into the following clipboard events that are listed below –

Sr.No	Events & Description
1	<b>oncopy</b> Triggers when an element is copied by the user
2	<b>oncut</b> Triggers when an element is removed (cut) by the user
3	<b>onpaste</b> Triggers when an element is being pasted into an input field.

## Media Events

Following are the Media events attributes that are listed below –

Sr.No	Events & Description
1	<b>ondurationchange</b> Triggers when the length of a media is changed
2	<b>onended</b> Triggers when a media has reached the end
3	<b>onerror</b> Triggers when an error occurs
4	<b>onloadeddata</b> Triggers when media data is loaded
5	<b>onloadedmetadata</b> Triggers when the duration and other media data of a media element is loaded
6	<b>onloadstart</b> Triggers when the browser starts loading the media data

7	<b>onpause</b> Triggers when media data is paused
8	<b>onplay</b> Triggers when media data is going to start playing
9	<b>onplaying</b> Triggers when media data has started playing
10	<b>onprogress</b> Triggers when the browser is fetching the media data
11	<b>onratechange</b> Triggers when the playing rate of media data has changed
12	<b>onseeked</b> Triggers when the seeking attribute of a media element is no longer true, and the seeking has ended
13	<b>onseeking</b> Triggers when the seeking attribute of a media element is true, and the seeking has begun
14	<b>onstalled</b> Triggers when there is an error in fetching media data
15	<b>onsuspend</b> Triggers when the browser has been fetching media data, but stopped before the entire media file was fetched
16	<b>ontimeupdate</b> Triggers when media changes its playing position
17	<b>onvolumechange</b> Triggers when a media changes the volume, also when volume is set to "mute"
18	<b>onwaiting</b> Triggers when media has stopped playing, but is expected to resume

## Misc Events

Following the misc event listed below –

Sr.No	Event & Description
1	<b>ontoggle</b> In general, the toggle means it toggles between hide() and show() for the selected element.