


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 events have been introduced in older versions of HTML but all the tags marked with  are part of HTML-5.

Events	HTML-5	Description
onafterprint		Triggers after a document is printed
onbeforeprint		Triggers before a document is printed
onbeforeunload		Triggers before a document loads
onerror		Triggers when an error occurs
onhaschange		Triggers when a document has changed
onload		Triggers when a document loads
onmessage		Triggers when a message is triggered
onoffline		Triggers when a document goes offline
ononline		Triggers when a document comes online
onpagehide		Triggers when a window is hidden
onpageshow		Triggers when a window becomes visible
onpopstate		Triggers when a window's history changes
onredo		Triggers when a document performs a redo
onresize		Triggers when a window is resized
onstorage		Triggers when a document loads
onundo		Triggers when a document performs an undo
onunload		Triggers when a user leaves the document

Form Events


Following tags have been introduced in older versions of HTML but all the tags marked with  are part of HTML-5.










Events	HTML-5	Description
onblur		Triggers when a window loses focus
onchange		Triggers when an element changes
oncontextmenu		Triggers when a context menu is triggered
onfocus		Triggers when a window gets focus
onformchange		Triggers when a form changes
onforminput		Triggers when a form gets user input
oninput		Triggers when an element gets user input
oninvalid		Triggers when an element is invalid
onreset		Triggers when a form is reset
onselect		Triggers when an element is selected
onsubmit		Triggers when a form is submitted

Keyboard Events


Events	HTML-5	Description
onkeydown		Triggers when a key is pressed
onkeypress		Triggers when a key is pressed and released
onkeyup		Triggers when a key is released















Mouse Events

Following tags have been introduced in older versions of HTML but all the tags marked with  are part of HTML-5.

Events	HTML-5	Description
onclick		Triggers on a mouse click
ondblclick		Triggers on a mouse double-click
ondrag		Triggers when an element is dragged
ondragend		Triggers at the end of a drag operation
ondragenter		Triggers when an element has been dragged to a valid drop target
ondragleave		Triggers when an element leaves a valid drop target
ondragover		Triggers when an element is being dragged over a valid drop target
ondragstart		Triggers at the start of a drag operation
ondrop		Triggers when a dragged element is being dropped
onmousedown		Triggers when a mouse button is pressed
onmousemove		Triggers when the mouse pointer moves
onmouseout		Triggers when the mouse pointer moves out of an element
onmouseover		Triggers when the mouse pointer moves over an element
onmouseup		Triggers when a mouse button is released
onmousewheel		Triggers when the mouse wheel is being rotated
onscroll		Triggers when an element's scrollbar is being scrolled

Media Events

Following tags have been introduced in older versions of HTML but all the tags marked with  are part of HTML-5.

Events	HTML-5	Description
onabort		Triggers on an abort event
oncanplay		Triggers when a media can start play, but might has to stop for buffering
oncanplaythrough		Triggers when a media can be played to the end, without stopping for buffering
ondurationchange		Triggers when the length of a media is changed
onemptied		Triggers when a media resource element suddenly becomes empty.
onended		Triggers when a media has reached the end
onerror		Triggers when an error occurs
onloadeddata		Triggers when media data is loaded
onloadedmetadata		Triggers when the duration and other media data of a media element is loaded
onloadstart		Triggers when the browser starts loading the media data
onpause		Triggers when media data is paused
onplay		Triggers when media data is going to start playing
onplaying		Triggers when media data has started playing
onprogress		Triggers when the browser is fetching the media data
onratechange		Triggers when the playing rate of media data has changed
onreadystatechange		Triggers when the ready-state changes
onseeked		Triggers when the seeking attribute of a media element is no longer true, and the seeking has ended
onseeking		Triggers when the seeking attribute of a media element is true, and the seeking has begun
onstalled		Triggers when there is an error in fetching media data
onsuspend		Triggers when the browser has been fetching media data, but stopped before the entire media file was fetched
ontimeupdate		Triggers when media changes its playing position
onvolumechange		Triggers when a media changes the volume, also when volume is set to "mute"
onwaiting		Triggers when media has stopped playing, but is expected to resume