HTML - Events References

When a user visits your website, they do things like click on text and images and given links, hover over things etc. These are examples of what JavaScript calls events.

We can write our event handlers in Javascript or vbscript and can specify these event handlers as a value of event tag attribute. The HTML 4.01 specification defines 19 event attributes as listed below −

<body> and <frameset> Level Events

There are only two attributes which can be used to trigger any javascript or vbscript code when there is any event occurs on document level.

Attribute	Value	Description
onload	script	Script runs when an HTML document loads
onunload	script	Script runs when an HTML document unloads

NOTE − Here script refers to any VBScript or JavaScript function or piece of code.

<form> Level Events

There are following six attributes which can be used to trigger any javascript or vbscript code when there is any event occurs on form level.

Attribute	Value	Description
onchange	script	Script runs when the element changes
onsubmit	script	Script runs when the form is submitted
onreset	script	Script runs when the form is reset
onselect	script	Script runs when the element is selected
onblur	script	Script runs when the element loses focus
onfocus	script	Script runs when the element gets focus

Keyboard Events

There are following three events which are generated by keyboard. These events are not valid in base, bdo, br, frame, frameset, head, html, iframe, meta, param, script, style, and title elements.

Attribute	Value	Description
onkeydown	script	Script runs when key is pressed
onkeypress	script	Script runs when key is pressed and released
onkeyup	script	Script runs when key is released

Other Events

There following other 7 events which are generated by the mouse when it comes in contact of any HTML tag. These events are not valid in base, bdo, br, frame, frameset, head, html, iframe, meta, param, script, style, title elements.

Attribute	Value	Description
onclick	script	Script runs when a mouse click
ondblclick	script	Script runs when a mouse double-click
onmousedown	script	Script runs when mouse button is pressed
onmousemove	script	Script runs when mouse pointer moves
onmouseout	script	Script runs when mouse pointer moves out of an element
onmouseover	script	Script runs when mouse pointer moves over an element
onmouseup	script	Script runs when mouse button is released