

# HTML: The Markup Language

« [common models](#)

[datatypes](#) »

## 8. Global attributes

This section describes attributes that are common to all elements in the [HTML language](#).

[core attributes](#) & [event-handler attributes](#) & [xml attributes](#)

### 8.1. Core attributes

[accesskey](#) & [class](#) & [contenteditable](#) & [contextmenu](#) & [dir](#) & [draggable](#) & [dropzone](#) & [hidden](#) & [id](#) & [lang](#) & [spellcheck](#) & [style](#) & [tabindex](#) & [title](#)

① **accesskey** = [list of key labels](#) **CHANGED**

A key label or list of key labels with which to associate the element; each key label represents a keyboard shortcut which UAs can use to activate the element or give focus to the element.

**Value:** An [ordered set of unique space-separated tokens](#), each of which [must](#) be exactly one Unicode code point in length.

① **class** = [set of space-separated tokens](#)

A name of a classification, or list of names of classifications, to which the element belongs.

① **contenteditable** = "true" or "false" or "" (empty string) or [empty](#) **NEW**

Specifies whether the [contents](#) of the element are editable.

① **contextmenu** = [ID reference](#) **NEW**

The value of the [id](#) attribute on the [menu](#) with which to associate the element as a **context menu**.

① **dir** = "ltr" or "rtl" or "auto"

Specifies the element's text directionality.

① **draggable** = "true" or "false" **NEW**

Specifies whether the element is draggable.

① **dropzone** = [dropzone value](#) **NEW**

**jump**

Specifies what types of content can be dropped on the element, and instructs the UA about which actions to take with content when it is dropped on the element.

**Value:**

An [unordered set of unique space-separated tokens](#), each of which is a [case-insensitive match](#) for one of the following:

**copy**

Indicates that dropping an accepted item on the element will result in a copy of the dragged data.

**move**

Indicates that dropping an accepted item on the element will result in the dragged data being moved to the new location.

**link**

Indicates that dropping an accepted item on the element will result in a link to the original data.



Any [string](#) with three characters or more, beginning with the literal string "**string:**".

Indicates that *Plain Unicode string* items, of the type indicated by the part of the keyword after the "**string:**" string, can be dropped on this element.

Any [string](#) with three characters or more, beginning with the literal string "**file:**".

Indicates that *File* items, of the type indicated by the part of the keyword after the "**file:**" string, can be dropped on this element.

The value must not have more than one of the three tokens "**copy**", "**move**", or "**link**". If none are specified, the element represents a **copy** dropzone.

 **hidden** = "**hidden**" or "" (empty string) or [empty](#) 

Specifies that the element represents an element that is not

**jump**

yet, or is no longer, relevant.

① **id** = [ID](#)

A unique identifier for the element.

There **must** not be multiple elements in a document that have the same **id** value.

**Value:** Any [string](#), with the following restrictions:


- **must** be at least one character long
- **must** not contain any [space characters](#)

**Note:** Previous versions of HTML placed greater restrictions on the content of ID values (for example, they did not permit ID values to begin with a number).

① **lang** = [language tag](#)

Specifies the primary language for the [contents](#) of the element and for any of the element's attributes that contain text.

**Value:** A valid *language tag* as defined in [\[BCP 47\]](#).

① **spellcheck** = "true" or "false" or "" (empty string) or [empty](#) 

Specifies whether the element represents an element whose [contents](#) are subject to spell checking and grammar checking.

① **style** = [string](#)

Specifies zero or more CSS declarations that apply to the element [\[CSS\]](#).

① **tabindex** = [integer](#)

Specifies whether the element represents an element that is focusable (that is, an element which is part of the sequence of focusable elements in the document), and the relative order of the element in the sequence of focusable elements in the document.

① **title** = [any value](#)

Advisory information associated with the element.

## 8.2. Event-handler attributes

[onabort](#) & [onblur](#) & [oncanplay](#) & [oncanplaythrough](#) & [onchange](#) & [onclick](#) & [oncontextmenu](#) & [ondblclick](#) & [ondrag](#) & [ondragend](#) & [ondragenter](#) &

jump

[ondragleave](#) & [ondragover](#) & [ondragstart](#) & [ondrop](#) & [ondurationchange](#) & [onemptied](#) & [onended](#) & [onerror](#) & [onfocus](#) & [oninput](#) & [oninvalid](#) & [onkeydown](#) & [onkeypress](#) & [onkeyup](#) & [onload](#) & [onloadeddata](#) & [onloadedmetadata](#) & [onloadstart](#) & [onmousedown](#) & [onmousemove](#) & [onmouseout](#) & [onmouseover](#) & [onmouseup](#) & [onmousewheel](#) & [onpause](#) & [onplay](#) & [onplaying](#) & [onprogress](#) & [onratechange](#) & [onreadystatechange](#) & [onreset](#) & [onscroll](#) & [onseeked](#) & [onseeking](#) & [onselect](#) & [onshow](#) & [onstalled](#) & [onsubmit](#) & [onsuspend](#) & [ontimeupdate](#) & [onvolumechange](#) & [onwaiting](#)

❶ **onabort** = [functionbody](#) 


Load of element was aborted by the user.

❶ **onblur** = [functionbody](#)

Element lost focus.

❶ **oncanplay** = [functionbody](#) 

The UA can resume playback of media data for this video or audio element, but estimates that if playback were to be started now, the video or audio could not be rendered at the current playback rate up to its end without having to stop for further buffering of content.

❶ **oncanplaythrough** = [functionbody](#) 


The UA estimates that if playback were to be started now, the video or audio element could be rendered at the current playback rate all the way to its end without having to stop for further buffering

❶ **onchange** = [functionbody](#)

User committed a change to the value of element (form control).

❶ **onclick** = [functionbody](#)

User pressed pointer button down and released pointer button over element, or otherwise activated the pointer in a manner that emulates such an action.

❶ **oncontextmenu** = [functionbody](#) 

User requested the [context menu](#) for element.




❶ **ondblclick** = [functionbody](#)

User clicked pointer button twice over element, or otherwise activated the pointer in a manner that simulates such an action.











**jump**

- ① **ondrag** = [functionbody](#) **NEW**  
User is continuing to drag element.
- ① **ondragend** = [functionbody](#) **NEW**  
User ended dragging element.
- ① **ondragenter** = [functionbody](#) **NEW**  
User's drag operation entered element.
- ① **ondragleave** = [functionbody](#) **NEW**  
User's drag operation left element.
- ① **ondragover** = [functionbody](#) **NEW**  
User is continuing drag operation over element.
- ① **ondragstart** = [functionbody](#) **NEW**  
User started dragging element.
- ① **ondrop** = [functionbody](#) **NEW**  
User completed drop operation over element.
- ① **ondurationchange** = [functionbody](#) **NEW**  
The DOM attribute `duration` on the video or audio element has been updated.
- ① **onemptied** = [functionbody](#) **NEW**  
The video or audio element has returned to the uninitialized state.
- ① **onended** = [functionbody](#) **NEW**  
The end of the video or audio element has been reached.
- ① **onerror** = [functionbody](#) **NEW**  
Element failed to load properly.
- ① **onfocus** = [functionbody](#)  
Element received focus.
- ① **oninput** = [functionbody](#)  
User changed the value of element (form control).
- ① **oninvalid** = [functionbody](#) **NEW**  
Element (form control) did not meet validity constraints.

jump

- ① **onkeydown** = [functionbody](#)  
User pressed down a key.
- ① **onkeypress** = [functionbody](#)  
User pressed down a key that is associated with a character value.
- ① **onkeyup** = [functionbody](#)  
User released a key.
- ① **onload** = [functionbody](#)  
Element finished loading.
- ① **onloadeddata** = [functionbody](#)   
UA can render the video or audio element at the current playback position for the first time.
- ① **onloadedmetadata** = [functionbody](#)   
UA has just determined the duration and dimensions of the video or audio element.
- ① **onloadstart** = [functionbody](#)   
UA has begun looking for media data in the video or audio element.
- ① **onmousedown** = [functionbody](#)  
User pressed down pointer button over element.
- ① **onmousemove** = [functionbody](#)  
User moved mouse.
- ① **onmouseout** = [functionbody](#)  
User moved pointer off boundaries of element.
- ① **onmouseover** = [functionbody](#)  
User moved pointer into boundaries of element or one of its descendant elements.
- ① **onmouseup** = [functionbody](#)  
User released pointer button over element.
- ① **onmousewheel** = [functionbody](#)  
User rotated wheel of mouse or other device in a manner that emulates such an action.

jump

- ① **onpause** = [functionbody](#)   
User has paused playback of the video or audio element.
- ① **onplay** = [functionbody](#)   
UA has initiated playback of the video or audio element.
- ① **onplaying** = [functionbody](#)   
Playback of the video or audio element has started.
- ① **onprogress** = [functionbody](#)   
UA is fetching media data for the video or audio element.
- ① **onratechange** = [functionbody](#)   
Either the DOM attribute `defaultPlaybackRate` or the DOM attribute `playbackRate` on the video or audio element has been updated.
- ① **onreadystatechange** = [functionbody](#)   
Element and all its subresources have finished loading.
- ① **onreset** = [functionbody](#)  
The `form` element was reset.
- ① **onscroll** = [functionbody](#)  
Element or document view was scrolled.
- ① **onseeked** = [functionbody](#)   
The value of the IDL attribute `seeking` changed to `false` (a seek operation on the video or audio element ended).
- ① **onseeking** = [functionbody](#)   
The value of the IDL attribute `seeking` changed to `true`, and the seek operation on the video or audio elements is taking long enough that the UA has time to fire the `seeking` event.
- ① **onselect** = [functionbody](#)  
User selected some text.
- ① **onshow** = [functionbody](#)   
User requested the element be shown as a [context menu](#).
- ① **onstalled** = [functionbody](#)   
UA is attempting to fetch media data for the video or audio

jump

element, but that data is not forthcoming.

① **onsubmit** = [functionbody](#)

The **form** element was submitted.

① **onsuspend** = [functionbody](#) **NEW**

UA is intentionally not currently fetching media data for the video or audio element, but does not yet have the entire contents downloaded.

① **ontimeupdate** = [functionbody](#) **NEW**

The current playback position of the video or audio element changed either as part of normal playback, or in an especially interesting way (for example, discontinuously).

① **onvolumechange** = [functionbody](#) **NEW**

Either the DOM attribute **volume** or the DOM attribute **muted** on the video or audio element has been changed.

① **onwaiting** = [functionbody](#) **NEW**

Playback of the video or audio element has stopped because the next frame is not yet available (but UA agent expects that frame to become available in due course).

## 8.3. XML attributes

[xml:lang](#) & [xml:space](#) & [xml:base](#)

---

① **xml:lang** = [language tag](#)

As defined in the XML specification [\[XML\]](#).

**Value:** A valid *language tag* as defined in [\[BCP 47\]](#).

**xml:space** = "preserve" or "default"

As defined in the XML specification [\[XML\]](#).

The **xml:space** attribute should only be used with [documents in the XML syntax](#); it **must** not be used in [documents in the HTML syntax](#).

① **xml:base** = [URL potentially surrounded by spaces](#)

As defined in the XML Base specification [\[XMLBase\]](#).

The **xml:base** attribute should only be used with [documents in the XML syntax](#); it **must** not be used in [documents in the HTML](#)

jump



[syntax.](#)

---

[« common models](#)

[datatypes »](#)

**jump**