

ARIA States & Properties

A cheatsheet by Welcm Software

Attribute	Property / Value State	Value	What It Does
aria-activedescendant	property	ID of another element	Identifies which descendant of a composite widget is currently active.
aria-atomic	property	true / false	Shows if all or just parts of the changed region will be presented by assistive technologies (e.g. screen readers) based on change notifications defined by the "aria-relevant" attribute. Related: aria-relevant
aria-autocomplete	property	inline / list / both / none	Shows if an autocomplete feature is provided and what type of autocomplete it is.
aria-busy	state	true / false	Shows if an element and its subtree are in the process of being updated.
aria-checked	state	true / false / mixed	Shows the current "checked" state of checkboxes, radio buttons etc. Related: aria-pressed / aria-selected
aria-controls	property	ID(s) of one or more elements	Identifies the element(s) which are controlled by the current element. Related: aria-owns
aria-describedby	property	ID(s) of one or more elements	Identifies the element(s) that describes the object. Related: aria-labelledby
aria-disabled	state	true / false	Shows whether an element is disabled. Related: aria-hidden / aria-readonly
aria-dropeffect	property	copy / move / link / execute / popup / none	Shows which actions can be taken when a dragged object is released on a drop target. Assistive technologies (e.g. screen readers) can then tell the user what options are available to them.
aria-expanded	state	true / false / undefined	Shows if an element / grouping element it controls is expanded or collapsed.
aria-flowto	property	ID(s) of one or more elements	Shows the next element(s) in an alternate reading order of content. This lets assertive technology (e.g. screen readers) over-ride the general default of reading in document source order, if the user specifies.
aria-grabbed	state	true / false / undefined	Shows if an element is "grabbed" during drag and drop.
aria-haspopup	property	true / false	Shows if an element has a popup context / sub-level menu.
aria-hidden	state	true / false	Shows if an element (and all of its descendants) are not visible / perceivable to any user as implemented by the author. Related: aria-disabled
aria-invalid	state	grammar / false / spelling / true	Shows that the value that has been entered does not match the expected / required format.
aria-label	property	no restriction	Used to give a label to an element when there is no visible label on the screen. Related: aria-labelledby
aria-labelledby	property	ID(s) of one or more elements	Shows which element(s) labels the current element. Related: aria-label / aria-describedby
aria-level	property	any whole number	Shows an element's hierarchical level within a structure.
aria-live	property	off / polite / assertive	A method of ordering updates in terms of their importance. Subject to a user's settings, assistive technologies will either interrupt the user ("assertive"), wait until the next suitable time ("polite") or wait until the element is in focus ("off") to inform them of an update.
aria-multiline	property	true / false	Shows if a text box will accept more than one line of text.
aria-multiselectable	property	true / false	Shows if the user can select multiple items from the selectable descendants.
aria-orientation	property	vertical / horizontal	Describes whether the orientation of an element is horizontal or vertical.
aria-owns	property	ID(s) of one or more elements	Identifies element(s) in order to define the parent / child relationship between DOM elements where the DOM hierarchy cannot be used to represent the relationship. Related: aria-controls
aria-posinset	property	any whole number	Shows the number / position of an element in the current set of list / tree items. Not needed if all the elements in the set are present in the DOM. Related: aria-setsize
aria-pressed	state	true / false / mixed / undefined	Shows what a toggle button's current "pressed" state is. Related: aria-checked / aria-selected
aria-readonly	property	true / false	Shows that an element is operable but cannot be edited. Related: aria-disabled
aria-relevant	property	additions / removals / text / all / additions text	Shows which user agent change notifications (e.g. additions, removals) assistive technologies will receive within a live region. Related: aria-atomic
aria-required	property	true / false	Used on a "required" form field to show that a user must enter some data into that element in order to submit the form.
aria-selected	state	true / false / undefined	Shows what various widgets' current "selected" state is. Related: aria-checked / aria-pressed
aria-setsize	property	any whole number	Shows how many items there are in the current set of list / tree items. Not needed if all elements in the set are present in the DOM. Related: aria-posinset
aria-sort	property	ascending / descending / none / other	Shows how items in a table / grid are sorted.
aria-valuemax	property	any number	Shows the maximum allowed value for a range widget.
aria-valuemin	property	any number	Shows the minimum allowed value for a range widget.
aria-valuenow	property	any number	Shows the current value for a range widget. Related: aria-valuetext
aria-valuetext	property	no restriction	Shows the text alternative (human readable) of the attribute "aria-valuenow" for a range widget.