

HTML 5 Attribute Reference

HTML 5 Attributes in General

HTML Best Practices for Attributes

Boolean HTML Attributes

Using the full form (attribute="attribute") of boolean attributes rather than the minimized form is recommended. The full form will be properly understood by web browsers parsing polyglot documents as either the HTML syntax or the XML syntax of HTML 5.

```
<input type="text" readonly="readonly"/>
<input type="text" required="required"/>
<option selected="selected"/>
<video autoplay="autoplay" ...>
```

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Common HTML 5 Attributes

List of HTML attributes that can be coded on any tag

These are the common (global) attributes that can be used on various HTML tags.

The class Attribute

The class HTML attribute

The class attribute

Examples

```
<p class="centered">Alignment of this paragraph will be
determined by the settings of the ".center" style.</p>
```

Google Translate class attribute

Although it is a misuse of the class attribute, Google Translate recognizes the specific value notranslate, indicating that the content of the element should not be translated into other spoken languages.

http://www.Google.com/help/faq_translation.html#donttrans

Examples

```
<span class="notranslate">...</span>
```

The contenteditable Attribute

The contenteditable HTML attribute

The contenteditable attribute

Examples

```
<span contenteditable="">...</span>
```

The contextmenu Attribute

The contextmenu HTML attribute

The contextmenu attribute

Examples

```
<span contextmenu="">...</span>
```

The Author-Defined data-* Attributes

The author-defined <data-*> attributes

Examples

```
<span data-latitude="40°19'N" data-longitude="79°59'35"W">...</span>
```

The dir Attribute

The dir HTML attribute

The dir attribute

Examples

```
<span dir="">...</span>
```

The draggable Attribute

The draggable HTML attribute

The draggable attribute

Examples

```
<span draggable="">...</span>
```

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The hidden Attribute

The hidden HTML attribute

The hidden attribute

Examples

```
<span hidden="">...</span>
```

The id Attribute

The id HTML attribute

The id attribute

Examples

```
<span id="mytag">...</span>
```

The item Attribute

The item HTML attribute

The item attribute is used for "microdata", which can be machine-readable.

More information: [item attribute](#)

The lang Attribute

The lang HTML attribute

The lang attribute

Examples

```
<span lang="">...</span>
```

The spellcheck Attribute

The spellcheck HTML attribute

The spellcheck attribute

Examples

```
<span spellcheck="">...</span>
```

The style Attribute

The style HTML attribute

The style attribute

Examples

```
<span style="">...</span>
```

The tabindex Attribute

The tabindex HTML attribute

The tabindex attribute

Examples

```
<span tabindex="">...</span>
```

The title Attribute

The title HTML attribute

The title attribute

Line breaks within the title attribute in the source code are significant and will be included if the title is displayed.

Examples

```
<span title="">...</span>
```

The <on...> Event Attributes

The <on...> Event attributes

The list of the event attributes include:

onabort

The onabort attribute

onbeforeonload

The onbeforeonload attribute

onbeforeunload

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The onbeforeunload attribute

onblur

The onblur attribute

oncanplay

The oncanplay attribute

oncanplaythrough

The oncanplaythrough attribute

onchange

The onchange attribute

onclick

The onclick attribute

oncontextmenu

The oncontextmenu attribute

oncopy

The oncopy attribute

oncut

The oncut attribute

ondblclick

The ondblclick attribute

ondrag

The ondrag attribute

ondragend

The ondragend attribute

ondragenter

The ondragenter attribute

ondragleave

The ondragleave attribute

ondragover

The ondragover attribute

ondragstart

The ondragstart attribute

ondrop

The ondrop attribute

ondurationchange

The ondurationchange attribute

onemptied

The onemptied attribute

onended

The onended attribute

onerror

On the [body tag](#), the onerror attribute is a property of the document's window object. On other elements, the onerror attribute is a property of the HTML element itself.

onfocus

The onfocus attribute

onformchange

The onformchange attribute

onforminput

The onforminput attribute

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ongesturechange

The ongesturechange attribute

ongestureend

The ongestureend attribute

ongesturestart

The ongesturestart attribute

oninput

The oninput attribute

onkeydown

The onkeydown attribute

onkeypress

The onkeypress attribute

onkeyup

The onkeyup attribute

onload

On the [body tag](#), the onload attribute is a property of the document's window object. On other elements, the onload attribute is a property of the HTML element itself.

onloadeddata

The onloadeddata attribute

onloadedmetadata

The onloadedmetadata attribute

onloadstart

The onloadstart attribute

onmousedown

The onmousedown attribute

onmousemove

The onmousemove attribute

onmouseout

The onmouseout attribute

onmouseover

The onmouseover attribute

onmouseup

The onmouseup attribute

onmousewheel

The onmousewheel attribute

onmove

The onmove attribute

onorientationchange

The onorientationchange attribute

onpaste

The onpaste attribute

onpause

The onpause attribute

onplay

The onplay attribute

onplaying

The onplaying attribute

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onprogress

The onprogress attribute

onratechange

The onratechange attribute

onreadystatechange

The onreadystatechange attribute

onreset

The onreset attribute has been deprecated in HTML 5 and should not be used.

onresize

The onresize attribute

onscroll

The onscroll attribute

onseek

The onseek attribute

onseeking

The onseeking attribute

onselect

The onselect attribute

onshow

The onshow attribute

onstalled

The onstalled attribute

onsubmit

The onsubmit attribute

onsuspend

The onsuspend attribute

ontimeupdate

The ontimeupdate attribute

ontouchcancel

The ontouchcancel attribute

ontouchend

The ontouchend attribute

ontouchmove

The ontouchmove attribute

ontouchstart

The ontouchstart attribute

onunload

The onunload attribute

onvolumechange

The onvolumechange attribute

onwaiting

The onwaiting attribute

Examples

```
<span onclick="">...</span>
```

XML Attributes in HTML

In general, namespaces are useful for aggregating together content from different sources. The namespace that qualifies the element names avoids conflicts among the element names from different sources. The global attributes in the XML namespace may be useful when including content from other XML sources or when parsing HTML documents as general-purpose XML. The xmlns attribute is useful for creating other types of objects which can be

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handled by custom-designed code, using JavaScript for example.

The xml:base Attribute

The xml:base HTML attribute

The xml:base attribute

Examples

```
<span="">...</span>
```

The xml:id Attribute

The xml:id HTML attribute

The HTML id attribute serves the same purpose as the xml:id attribute and should be used instead.

Examples

```
<span id="elementId-1">...</span>
```

The xml:lang Attribute

The xml:lang HTML attribute

The HTML lang attribute serves the same purpose as the xml:lang attribute and should be used instead. However, the prefixed xml:lang attribute is sometimes used on the [html element](#).

Examples

```
<dt lang="fr-CA">de rigueur</dt>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">
```

The xml:space Attribute

The xml:space HTML attribute

The xml:space attribute determines whether any white space in the content of the element or its descendants is to be preserved.

Examples

```
<span="">...</span>
```

xmlns Attribute and Prefix

The xmlns HTML attribute

The xmlns attribute sets the default namespace [URI](#) for the current element and any of its descendants.

```
<special xmlns="http://ExampleOnly.com/namespace/">
<p xmlns="http://www.w3.org/1999/xhtml">This paragraph is truly HTML, but its parent is "special".
</p>
</special>
```

Although it may be coded at any level, it typically appears only on the top-level [html element](#). The value of the xmlns attribute for HTML tags is <http://www.w3.org/1999/xhtml> the same as for the 2000 W3C standard HTML.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
...
</html>
```

Using xmlns as a prefix associates a namespace URI with the user-specified namespace prefix following the xmlns: part of the attribute name.

```
<special xmlns="http://ExampleOnly.com/namespace/" xmlns:html="http://www.w3.org/1999/xhtml">
<html:p>This paragraph is truly HTML, but its parent is "special".
</html:p>
</special>
```

You typically would only see something like this when HTML is aggregated with non-HTML content with element names from a different namespace.

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