



HTML Markup Reference

Release: 2010-06-10

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Introduction

Here are the common attributes, the elements and their specific attributes that are from HTML 5 for Web Authors.

Legend

`<element></element>`

Represents a normal element with both start and end tags.

`<element>`

Represents a void element that has no element content or end tag (may have a forward slash or a space and forward slash in text/html documents and must have a forward slash in XHTML 5).

`attribute=""`

Represents a normal attribute with the value delimiter.

`attribute`

Represents a boolean attribute (may have no value delimiter or an empty value or a value matching the attribute name in text/html documents and must have either an empty value or a value matching the attribute name in XHTML 5).

`'value'`

Represents a value of the type attribute.

`"Description"`

A description of what the element is for.

`(note)`

Notes about the element or attribute.

`IE`

Microsoft Trident based Web Browsers such as Internet Explorer.

`Firefox`

Mozilla based Web Browsers such as Firefox.

`Safari`

Apple WebKit based Web Browsers such as Safari.

`Chrome`

Google Chromium based Web Browsers such as Chrome.

`Opera`

Opera Presto based Web Browsers such as Opera.

`Konqueror`

KDE KHTML based Web Browsers such as Konqueror.

Any browser names in brackets state that only these types of web browsers that support the element or attribute. If a number is after the web browser

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name then the element or attribute has been supported in that type of web browser since this version.

The global attributes, global aria attributes and global event attributes are available on all elements.

The Markup

`<!doctype html>`

"Switch text/html documents into standards mode rather than quirks mode" (only in text/html documents)

`<?xml version="1.0" encoding="UTF-8"?>`

"XML Declaration also declares character encoding" (only in XHTML 5 and other XML documents)

`<!-- -->`

"Comments"

`<![CDATA[]]>`

"Character Data Section" (only in XHTML 5 and other XML documents)

Global Attributes

`accesskey=""`

`class=""`

`contenteditable=""`

`contextmenu=""` (not supported yet)

`data-* (?)`

`dir=""`

`draggable=""` (IE, Firefox, Safari, Chrome)

`hidden` (not supported yet)

`id=""`

`itemid=""` (not supported yet)

`itemprop=""` (not supported yet)

`itemref=""` (not supported yet)

`itemscope` (not supported yet)

`itemtype=""` (not supported yet)

`lang=""` (useful only in text/html documents)

`role=""` (IE 8, Safari 4, Chrome 3, Firefox 3, Opera 9)

`spellcheck=""` (Opera 10.5)

`style=""`

`tabindex=""`

`title=""`

`xml:base=""` (only in XHTML 5 and other XML documents)

`xml:id=""` (only in XHTML 5 and other XML documents)

`xml:lang=""` (useful only in XHTML 5 and other XML documents)

Global ARIA Attributes

aria-atomic=""
aria-busy=""
aria-controls=""
aria-describedby=""
aria-disabled=""
aria-dropeffect=""
aria-flowto=""
aria-grabbed=""
aria-haspopup=""
aria-hidden=""
aria-invalid=""
aria-label=""
aria-labelledby=""
aria-live=""
aria-owns=""
aria-relevant=""
aria-required=""

Global Events Attributes

onabort=""
onblur=""
oncanplay="" (?)
oncanplaythrough="" (?)
onchange=""
onclick=""
oncontextmenu="" (?)
ondblclick=""
ondrag="" (IE, Firefox 3, Safari 4, Chrome 4)
ondragenter="" (IE, Firefox 3, Safari 4, Chrome 4)
ondragleave="" (IE, Firefox 3, Safari 4, Chrome 4)
ondragover="" (IE, Firefox 3, Safari 4, Chrome 4)
ondragstart="" (IE, Firefox 3, Safari 4, Chrome 4)
ondrop="" (IE, Firefox 3, Safari 4, Chrome 4)
ondurationchange="" (?)
onemptied="" (?)
onended="" (?)
onerror=""
onfocus=""
onformchange="" (?)
onforminput="" (?)
oninput="" (?)
oninvalid="" (?)
onkeydown=""

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onkeypress=""
onkeyup=""
onload=""
onloadeddata="" (?)
onloadedmetadata="" (?)
onloadstart="" (?)
onmousedown=""
onmousemove=""
onmouseout=""
onmouseover=""
onmouseup=""
onmousewheel="" (?)
onpause="" (?)
onplay="" (?)
onplaying="" (?)
onprogress="" (not supported yet)
onratechange="" (?)
onreadystatechange="" (?)
onscroll="" (?)
onseeked="" (?)
onseeking="" (?)
onselect=""
onshow="" (not supported yet)
onstalled="" (?)
onsubmit=""
onsuspend="" (not supported yet)
ontimeupdate="" (not supported yet)
onvolumechange="" (?)
onwaiting="" (?)

Elements and their specific attributes

<html></html>
"Document Container"
manifest="" (Firefox 3.5, Safari 4, Chrome 4)

<head></head>
"Metadata Container"

<title></title>
"Document Title"

<body></body>
"Document Content Container"
onafterprint="" (?)
onbeforeprint="" (?)
onbeforeunload="" (?)

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onhashchange="" (?)
onmessage="" (?)
onoffline="" (IE, Firefox 3, Safari 4, Chrome 4)
ononline="" (IE, Firefox 3, Safari 4, Chrome 4)
onpagehide="" (?)
onpageshow="" (?)
onpopstate="" (?)
onredo="" (?)
onresize="" (?)
onstorage="" (?)
onundo="" (?)
onunload=""

<p></p>

"Line or Paragraph"

<div></div>

"Old Generic Section Content Container"

<section></section>

"Section" (Safari 5, Chrome 4)

<article></article>

"Article or forum post or guestbook entry" (Safari 5, Chrome 4)

<aside></aside>

"A sidebar or secondary or complimentary panel" (Safari 5, Chrome 4)

<nav></nav>

"Navigation Section" (Safari 5, Chrome 4)

<h1></h1>

"Page Heading"

<h2></h2>

"Website, Navigation, Sidebar, Section Heading or Strapline"

<h3></h3>

"Sub-Section Heading"

<h4></h4>

"Sub-sub-Section Heading"

<h5></h5>

"Sub-sub-sub-Section Heading"

<h6></h6>

"Sub-sub-sub-sub-Section Heading"

<hgroup></hgroup>

"Heading Group" (Safari 5, Chrome 4)

<header></header>

"Document, article, section, sub-section, etc header" (Safari 5, Chrome 4)

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4)

`<footer></footer>`

"Document, article, section, sub-section, etc footer" (Safari 5, Chrome 4)

``

"Image"
alt=""
height=""
ismap
src=""
usemap=""
width=""

``

"Ordered List Group"
reversed (not supported yet)
start=""

``

"Unordered List Group"

``

"List Item"
value="" (only when within ``)

`<dl></dl>`

"Definition List Group"

`<dt></dt>`

"Definition Term"

`<dd></dd>`

"Definition Description"

`<menu></menu>`

"A menu list, context menu, toolbar" (context menu and toolbar versions not supported yet)

label="" (not supported yet)
type="" (not supported yet)

`
`

"Forced Line Break for Poems and Source Code Examples, etc"

`<wbr>`

"Word or Conditional Line Break"

`<i></i>`

"A thought, daydream, dream sequence, a technical term, Humanistic Name for an object such as a ship's name or house name, words or phrase in another language (use `lang=""` and `/` or `xml:lang=""` to specify which language) or generally offset voice or mood"

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<code></code>	"Key word or product name or generally notable text"
<code></code>	"Emphasized Text"
<code></code>	"Important Text"
<code><small></small></code>	"Side comments, Legal or Small Print"
<code></code>	"Generic Text-Level"
<code><hr></code>	"Thematic Break"
<code><mark></mark></code>	"Highlighted Text" (not supported yet)
<code><time></time></code>	"A known fixed date and time" (not supported yet) pubdate datetime=""
<code><abbr></abbr></code>	"Abbreviations and Acronyms"
<code><dfn></dfn></code>	"Singular Definition Term"
<code><code></code></code>	"Part of programming or script or StyleSheet or markup code"
<code><kbd></kbd></code>	"Keyboard, keypad, touchpad input"
<code><samp></samp></code>	"Sample Text"
<code><var></var></code>	"Programming or Script Variable Name"
<code><cite></cite></code>	"Citation"
<code><address></address></code>	"Contact Information"
<code></code>	"Deleted or crossed out text" cite="" datetime=""

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`<ins></ins>`
"Inserted text"
`cite=""`
`datetime=""`

`<pre></pre>`
"Pre-formatted text"

``
"Subscripted Text"

``
"Superscripted Text"

`<bdo></bdo>`
"Bi-directional Text Override"

`<q></q>`
"Quote"
`cite=""`

`<blockquote></blockquote>`
"Quote Paragraph"
`cite=""`

`<a>`
"Hyperlink"
`href=""`
`hreflang=""`
`media=""` (?)
`ping=""` (Firefox 3)
`rel=""`
`target=""`
`type=""`

`<base>`
"Base for relative URIs/IRIs"
`href=""`
`target=""`

`<map></map>`
"Client-side Image Map Group"
`name=""`

`<area></area>`
"Client-side Image Map Hyperlink"
`alt=""`
`coords=""`
`href=""`
`hreflang=""` (?)
`media=""` (?)

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ping="" (Firefox 3)
rel="" (?)
shape=""
target=""
type="" (?)

<meta>

"Metadata Property"
charset="" (IE, Firefox, Safari, Chrome, Opera, Konqueror 4.2)
content=""
http-equiv=""
name=""

<link>

"relation to secondary or alternate formats"
href=""
hreflang=""
media=""
rel=""
sizes="" (Safari 3)
type=""

<style> </style>

"Internal or Scoped StyleSheet"
media=""
scoped (not supported yet)
type=""

<script> </script>

"Internal or External extra functionality"
async (not supported yet)
charset=""
defer
src=""
type=""

<noscript> </noscript>

"Out-dated static alternative to functionality. Available for text/html documents only"

<table> </table>

"Table Box"
summary=""

<colgroup> </colgroup>

"Table Column Group"
span=""

<col>

"Table Column"

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```
    span=""
<caption></caption>
    "Table Caption"
<thead></thead>
    "Table Heading Group"
<tbody></tbody>
    "Table Row Group"
<tfoot></tfoot>
    "Table Footer Group"
<tr></tr>
    "Table Row"
<th></th>
    "Table Heading"
    colspan=""
    headers=""
    rowspan=""
    scope=""
<td></td>
    "Table Data Cell"
    colspan=""
    headers=""
    rowspan=""
<form></form>
    "Form Box"
    accept-charset=""
    action=""
    autocomplete="" (?)
    enctype=""
    method=""
    name=""
    onreset=""
    novalidate="" (Not supported yet)
    target=""
<fieldset></fieldset>
    "Form Control Group"
    disabled (?)
    form="" (Opera 9.5)
    name="" (?)
<legend></legend>
    "Form Control Group Label"
<label></label>
```

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"Form Control Label"
for=""
form="" (Opera 9.5)

<input>

"Multipurpose Form Control"
accept=""
alt=""
autocomplete=""
autofocus (Opera 9, Safari 4, Chrome 4)
checked
disabled
form="" (Opera 9.5)
formaction="" (?)
formenctype="" (?)
formmethod="" (?)
formnovalidate (?)
formtarget="" (?)
height="" (?)
list="" (Opera 9)
max="" (Opera 9)
maxlength=""
min="" (Opera 9)
multiple (Firefox 3.6)
name=""
pattern="" (Opera 9)
placeholder="" (Safari 5, Chrome 5)
readonly
required (Opera 9, Safari 5, Chrome 5)
size=""
src=""
step="" (Opera 9)
type=""
 'button'
 'checkbox'
 'color' (not supported yet)
 'date' (Opera 9)
 'datetime' (Opera 9)
 'datetime-local' (Opera 9)
 'email' (Opera 9)
 'file'
 'hidden'
 'image'
 'month' (Opera 9)
 'number' (Opera 9)
 'password'

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- 'radio'
- 'range' (Safari 3, Chrome 3, Opera 9)
- 'reset'
- 'search' (Safari 3, Chrome)
- 'submit'
- 'tel' (not supported yet)
- 'text' (default)
- 'time' (Opera 9)
- 'url' (Opera 9)
- 'week' (Opera 9)

value=""

width="" (?)

<button></button>

"Richer Form Button"

autofocus (Opera 9, Safari 4, Chrome 4)

disabled

form="" (Opera 9.5)

formaction="" (?)

formenctype="" (?)

formmethod="" (?)

formnovalidate (?)

formtarget="" (?)

name=""

type=""

- 'button'

- 'reset'

- 'submit' (default)

value=""

<textarea></textarea>

"Form Multiple Line Text Field"

autofocus (Opera 9, Safari 4, Chrome 4)

cols=""

disabled

form="" (Opera 9.5)

maxlength="" (?)

name=""

placeholder="" (Safari 5, Chrome 5)

readonly

required (Opera 9, Safari 5, Chrome 5)

rows=""

wrap=""

<select></select>

"Form Drop-down Selection Box or List Box"

autofocus (Opera 9, Safari 4, Chrome 4)

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disabled
form="" (Opera 9.5)
multiple
name=""
size=""

<optgroup></optgroup>
"Form Option Group"
disabled
label=""

<option></option>
"Form Option"
disabled
label="" (IE, Safari, Chrome, Opera)
selected
value=""

<datalist></datalist>
"Form Controls Extra Options" (Opera 9)

<output></output>
"Form Result Output" (Opera 9)
for=""
form="" (Opera 9.5)
name=""

<keygen>
"Form Public Encryption Key Generator" (Firefox, Safari, Chrome, Opera
7)
autofocus (Opera 9, Safari 4, Chrome 4)
challenge=""
disabled
form="" (Opera 9.5)
keytype=""
name=""

<progress></progress>
"A progress bar" (not supported yet)
form=""
max=""
value=""

<meter></meter>
"A measurement out of a whole: disk amount, a fraction, a percentage"
(not supported yet)
form=""
high=""
low=""
max=""

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```
min=""  
optimum=""  
value=""
```

```
<iframe></iframe>  
"Internal Frame"  
height=""  
name=""  
sandbox="" (Safari 5)  
seamless (not supported yet)  
src=""  
srcdoc="" (not supported yet)  
width=""
```

```
<embed>  
"Out-dated Plugin Object (severely discouraged; use <object></object>  
instead)"  
height=""  
src=""  
type=""  
width=""  
*
```

```
<object></object>  
"Generic Inclusion Object"  
data=""  
form="" (not supported yet)  
height=""  
name=""  
type=""  
usemap=""  
width=""
```

```
<param>  
"Generic Inclusion Object Property"  
name=""  
value=""
```

```
<canvas></canvas>  
"Script-based images" (Safari, Chrome, Firefox 1.5, Opera 9, Konqueror  
4)  
height=""  
width=""
```

```
<audio></audio>  
"Native Media: audio, without plugins or players" (Safari 3, Chrome 3,  
Firefox 3.5, Konqueror 4.4 (ish), Opera 10.5, IE9)  
autoplay  
controls
```

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```
loop  
preload="" (?)  
src=""
```

<video></video>
"Native Media: video, without plugins or players" (Safari 3, Chrome 3, Firefox 3.5, Konqueror 4.4, Opera 10.5, IE9)

```
autoplay  
controls  
height=""  
loop  
poster=""  
preload="" (?)  
src=""  
width=""
```

<source>
"Native Media: browser audio/video choice selection" (Safari 3, Chrome 3, Firefox 3.5, Konqueror 4.4, Opera 10.5, IE9)

```
media=""  
src=""  
type=""
```

<track>
"Native Media: Timed Tracks for captions, subtitles, etc." (Not supported yet)

```
kind=""  
label=""  
src=""  
srclang=""
```

<ruby></ruby>
"Ruby Annotation Container" (IE, Chrome 4)

<rp></rp>
"Ruby Annotation Fallback Compatibility" (IE, Chrome 4)

<rt></rt>
"Ruby Annotation" (IE, Chrome 4)

<figure></figure>
"Figure 1, Figure 2, Figure A, Figure B, Example 3a, etc." (not supported yet)

<figcaption></figcaption>
"The caption of a figure" (not supported yet)

<details></details>
"Popup Details" (not supported yet)
open

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`<summary></summary>`
"Details Heading" (not supported yet)

`<command>`
"A command" (not supported yet)
checked
disabled
icon=""
label=""
radiogroup=""
type=""
 'checkbox'
 'command' (default)
 'radio'

`<device>`
"Access to a device" (not supported yet)
type=""

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This article and others are available online and in other document formats at:
<http://www.legendscrolls.co.uk/webstandards/>

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