

APPENDIX **C**

App C - Tags

HTML

# HTML Elements and Attributes

This appendix provides descriptions of the major elements and attributes of HTML. The elements and attributes represent the specifications of the W3C; therefore, they might not all be supported by the major browsers. Also, in some cases, an element or attribute is not part of the W3C specifications, but instead is an extension offered by a particular browser. Where this is the case, the element or attribute is listed with the supporting browser indicated in parentheses.

Many elements and attributes have been deprecated by the W3C. Deprecated elements and attributes are supported by most browsers, but their use is discouraged. In addition, some elements and attributes have been marked as *obsolete*. The use of both deprecated and obsolete items is not recommended. However, while deprecated items are in danger of no longer being supported by the browser market, obsolete items will probably still be supported by the browser market for the foreseeable future.

Finally, elements and attributes that are new with HTML5 are indicated in the text. Note that some of these elements and attributes are not supported by all browsers and browser versions.

The following data types are used throughout this appendix:

- *char* A single-text character
- *char code* A character encoding
- *color* An HTML color name or hexadecimal color value
- *date* A date and time in the format: *yyyy-mm-ddThh:mm:ssTIMEZONE*
- *id* An id value
- *lang* A language type
- *media* A media type equal to all, aural, braille, handheld, print, projection, screen, tty, or tv
- *integer* An integer value
- *mime-type* A MIME data type, such as "text/css"
- *mime-type list* A comma-separated list of mime-types
- *option1|option2| ...* The value is limited to the specified list of *options*, with the default in **bold**
- *script* A script or a reference to a script
- *styles* A list of style declarations
- *text* A text string
- *text list* A comma-separated list of text strings
- *url* The URL for a Web page or file
- *value* A numeric value
- *value list* A comma-separated list of numeric values

C2 - inline styles

C17 - embedded styles

\* read C2-C4

## STARTING DATA FILES

There are no starting Data Files needed for this appendix.

PG C3-C4  
not present  
intentionally

## General Attributes

Several attributes are common to many page elements. Rather than repeating this information each time it occurs, the following tables summarize these attributes.

### Core Attributes

The following attributes apply to all page elements and are supported by most browser versions.

\* - good to  
know; more  
common  
gen attr



Inline  
Styles

- \*

Attribute	Description
class="text"	Specifies the class or group to which an element belongs
contenteditable="text list"	Specifies whether the contents of the element are editable (HTML5)
contextmenu="id"	Specifies the value of the id attribute on the menu with which to associate the element as a context menu
draggable="true/false"	Specifies whether the element is draggable (HTML5)
dropzone="copylinkmovelink"	Specifies what types of content can be dropped on the element and which actions to take with content when it is dropped (HTML5)
hidden="hidden"	Specifies that the element is not yet, or is no longer, relevant and that the element should not be rendered (HTML5)
id="text"	Specifies a unique identifier to be associated with the element
spellcheck="true/false"	Specifies whether the element represents an element whose contents are subject to spell checking and grammar checking (HTML5)
style="styles"	Defines an inline style for the element
title="text"	Provides an advisory title for the element

### Language Attributes

The Web is designed to be universal and has to be adaptable to languages other than English. Thus, another set of attributes provides language support. This set of attributes is not as widely supported by browsers as the core attributes are. As with the core attributes, they can be applied to most page elements.

Attribute	Description
dir="ltr rtl"	Indicates the text direction as related to the lang attribute; a value of ltr displays text from left to right; a value of rtl displays text from right to left
lang="lang"	Identifies the language used in the page content where lang is language code name

### Form Attributes

The following attributes can be applied to most form elements or to a Web form itself, but not to other page elements.

Attribute	Description	1132510 2013/04/18 199,29,6,65
accesskey="char"	Indicates the keyboard character that can be pressed along with the accelerator key to access a form element	
disabled="disabled"	Disables a form field for input	
tabindex="integer"	Specifies a form element's position in a document's tabbing order	

# AppC - HTML Tags

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HTML C5

Attribute	Description
onloadedmetadata	The duration and dimensions of the video or audio element are determined (HTML5)
onloadstart	The browser begins looking for media data in the video or audio element (HTML5)
onpause	The video or audio is paused (HTML5)
onplay	The video or audio playback is initiated (HTML5)
onplaying	The video or audio playback starts (HTML5)
onprogress	The browser fetches data for the video or audio (HTML5)
onratechange	The video or audio data changes (HTML5)
onseeked	A seek operation on the audio or video element ends (HTML5)
onseeking	Seeking is initiated on the audio or video (HTML5)
onstalled	An attempt to retrieve data for the video or audio is not forthcoming (HTML5)
ontimeupdate	The current playback position of the video or audio element changes (HTML5)
onvolumechange	The volume of the video or audio element changes (HTML5)
onwaiting	Playback of the video or audio stops because the next frame is unavailable (HTML5)

PP C3 - C4  
intentionally  
missing

tags/attribute start here:

## HTML Elements and Attributes

The following table contains an alphabetic listing of the elements and attributes supported by HTML. Some attributes are not listed in this table, but are described instead in the general attributes tables presented in the previous section of this appendix.

Element/Attribute	Description
✓ <!-- text -->	Inserts a comment into the document (comments are not displayed in the rendered page)
✓ <!doctype>	Specifies the Document Type Definition for a document
✓ <a> </a>	Marks the beginning and end of a link
charset="text"	Specifies the character encoding of the linked document (obsolete)
coords="value list"	Specifies the coordinates of a hotspot in a client-side image map; the value list depends on the shape of the hotspot: shape="rect" "left, right, top, bottom" shape="circle" "x_center, y_center, radius" shape="poly" "x1, y1, x2, y2, x3, y3, ... " (obsolete)
✗ href="url"	Specifies the URL of the link
hreflang="text"	Specifies the language of the linked document
name="text"	Specifies a name for the enclosed text, allowing it to be a link target (obsolete)
rel="text"	Specifies the relationship between the current page and the link specified by the href attribute
rev="text"	Specifies the reverse relationship between the current page and the link specified by the href attribute (obsolete)
shape="rect circle polygon"	Specifies the shape of the hotspot (obsolete)
✗ title="text"	Specifies the pop-up text for the link
✗ target="text"	Specifies the target window or frame for the link
type="mime-type"	Specifies the data type of the linked document
✓ <abbr> </abbr>	Marks abbreviated text

KEY  
✓ good to know

(✓)	Element/Attribute	Description
✓	<acronym> </acronym>	Marks acronym text (deprecated)
✓	<address> </address>	Marks address text
✓	<applet> </applet>	Embeds an applet into the browser (deprecated)
	align="align"	Specifies the alignment of the applet with the surrounding text where align is absmiddle, absbottom, baseline, bottom, center, left, middle, right, texttop, or top.
	alt="text"	Specifies alternate text for the applet (deprecated)
	archive="url"	Specifies the URL of an archive containing classes and other resources to be used with the applet (deprecated)
	code="url"	Specifies the URL of the applet's code/class (deprecated)
	codebase="url"	Specifies the URL of all class files for the applet (deprecated)
	datafld="text"	Specifies the data source that supplies bound data for use with
	datasrc="text"	Specifies the ID or URL of the applet's data source
	height="integer"	Specifies the height of the applet in pixels
	hspace="integer"	Specifies the horizontal space around the applet in pixels (deprecated)
	mayscript="mayscript"	Permits access to the applet by programs embedded in the document
	name="text"	Specifies the name assigned to the applet (deprecated)
	object="text"	Specifies the name of the resource that contains a serialized representation of the applet (deprecated)
	src="url"	Specifies an external URL reference to the applet
	vspace="integer"	Specifies the vertical space around the applet in pixels (deprecated)
	width="integer"	Specifies the width of the applet in pixels (deprecated)
maps →	✓ <area />	Marks an image map hotspot
	✗ alt="text"	Specifies alternate text for the hotspot
	✗ coords="value list"	Specifies the coordinates of the hotspot; the value list depends on the shape of the hotspot: shape="rect" "left, right, top, bottom" shape="circle" "x_center, y_center, radius" shape="poly""x1, y1, x2, y2, x3, y3, ..."
	✗ href="url"	Specifies the URL of the document to which the hotspot points
	hreflang="lang"	Language of the hyperlink destination
	media="media"	The media for which the destination of the hyperlink was designed
	rel="text"	Specifies the relationship between the current page and the destination of the link
	nohref="nohref"	Specifies that the hotspot does not point to a link
	✗ shape="rect circle polygon"	Specifies the shape of the hotspot
	target="text"	Specifies the target window or frame for the link
✓	✓ <article> </article>	Structural element marking a page article (HTML5)
✓	✓ <aside> </aside>	Structural element marking a sidebar that is tangentially related to the main page content (HTML5)
media →	✓ <audio> </audio>	Marks embedded audio content (HTML5)
	autoplay="autoplay"	Automatically begins playback of the audio stream
	preload="none metadata auto"	Specifies whether to preload data to the browser
	controls="controls"	Specifies whether to display audio controls

Element/Attribute	Description
✓ <code>loop="loop"</code>	Specifies whether to automatically loop back to the beginning of the audio clip
✓ <code>src="url"</code>	Provides the source of the audio clip
✓ <code>&lt;b&gt; &lt;/b&gt;</code>	Mark text offset from its surrounding content without conveying any extra emphasis or importance
✓ <code>&lt;base /&gt;</code>	Specifies global reference information for the document
✓ <code>href="url"</code>	Specifies the URL from which all relative links in the document are based
✓ <code>target="text"</code>	Specifies the target window or frame for links in the document
✓ <code>&lt;basefont /&gt;</code>	Specifies the font setting for the document text (deprecated)
✓ <code>color="color"</code>	Specifies the text color (deprecated)
✓ <code>face="text list"</code>	Specifies a list of fonts to be applied to the text (deprecated)
✓ <code>size="integer"</code>	Specifies the size of the font range from 1 (smallest) to 7 (largest) (deprecated)
✓ <code>&lt;bdi&gt; &lt;/bdi&gt;</code>	Marks text that is isolated from its surroundings for the purposes of bidirectional text formatting (HTML5)
✓ <code>&lt;bdo&gt; &lt;/bdo&gt;</code>	Indicates that the enclosed text should be rendered with the direction specified by the dir attribute
✓ <code>&lt;big&gt; &lt;/big&gt;</code>	Increases the size of the enclosed text relative to the default font size (deprecated)
✓ <code>&lt;blockquote&gt; &lt;/blockquote&gt;</code>	Marks content as quoted from another source
✓ <code>cite="url"</code>	Provides the source URL of the quoted content
✓ <code>&lt;body&gt; &lt;/body&gt;</code>	Marks the page content to be rendered by the browser
✓ <code>alink="color"</code>	Specifies the color of activated links in the document (obsolete)
✓ <code>background="url"</code>	Specifies the background image file used for the page (obsolete)
✓ <code>bgcolor="color"</code>	Specifies the background color of the page (obsolete)
✓ <code>link="color"</code>	Specifies the color of unvisited links (obsolete)
✓ <code>marginheight="integer"</code>	Specifies the size of the margin above and below the page (obsolete)
✓ <code>marginwidth="integer"</code>	Specifies the size of the margin to the left and right of the page (obsolete)
✓ <code>text="color"</code>	Specifies the color of page text (obsolete)
✓ <code>vlink="color"</code>	Specifies the color of previously visited links (obsolete)
✓ <code>&lt;br /&gt;</code>	Inserts a line break into the page
✓ <code>clear="none left right all"</code>	Displays the line break only when the specified margin is clear (obsolete)
✓ <code>&lt;button&gt; &lt;/button&gt;</code>	Creates a form button
✓ <code>autofocus="autofocus"</code>	Gives the button the focus when the page is loaded (HTML5)
✓ <code>disabled="disabled"</code>	Disables the button
✓ <code>form="text"</code>	Specifies the form to which the button belongs (HTML5)
✓ <code>formaction="url"</code>	Specifies the URL to which the form data is sent (HTML5)
✓ <code>formenctype="mime-type"</code>	Specifies the encoding of the form data before it is sent (HTML5)
✓ <code>formmethod="get post"</code>	Specifies the HTTP method with which the form data is submitted
✓ <code>formnovalidate="formnovalidate"</code>	Specifies that the form should not be validated during submission (HTML5)
✓ <code>formtarget="text"</code>	Provides a name for the target of the button (HTML5)
✓ <code>name="text"</code>	Provides the name assigned to the form button
✓ <code>type="submit reset button"</code>	Specifies the type of form button
✓ <code>value="text"</code>	Provides the value associated with the form button

Element/Attribute	Description
<canvas> </canvas>	Marks a resolution-dependent bitmapped region that can be used for dynamic rendering of images, graphs, and games (HTML5)
height="integer"	Height of canvas in pixels
width="integer"	Width of canvas in pixels
✓ <caption> </caption>	Creates a table caption
align="align"	Specifies the alignment of the caption where align is bottom, center, left, right, or top (deprecated)
valign="top bottom"	Specifies the vertical alignment of the caption
✓ <center> </center>	Centers content horizontally on the page (obsolete)
✓ <cite> </cite>	Marks citation text
✓ <code> </code>	Marks text used for code samples
✓ <col> </col>	Defines the settings for a column or group of columns (obsolete)
align="align"	Specifies the alignment of the content of the column(s) where align is left, right, or center
char="char"	Specifies a character in the column used to align column values (obsolete)
charoff="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
span="integer"	Specifies the number of columns in the group
valign="align"	Specifies the vertical alignment of the content in the column(s) where align is top, middle, bottom, or baseline
✓ table → ✓ <colgroup> </colgroup>	Specifies the width of the column(s) in pixels (obsolete)
align="align"	Creates a container for a group of columns
char="char"	Specifies the alignment of the content of the column group where align is left, right, or center (obsolete)
charoff="integer"	Specifies a character in the column used to align column group values (obsolete)
span="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
valign="align"	Specifies the number of columns in the group
width="integer"	Specifies the vertical alignment of the content in the column group where align is top, middle, bottom, or baseline (obsolete)
width="integer"	Specifies the width of the columns in the group in pixels (obsolete)
✓ <command> </command>	Defines a command button (HTML5)
checked="checked"	Selects the command
disabled="disabled"	Disables the command
icon="url"	Provides the URL for the image that represents the command
label="text"	Specifies the text of the command button
radiogroup="text"	Specifies the name of the group of commands toggled when the command itself is toggled
type="command radio checkbox"	Specifies the type of command button
✓ <datalist> </datalist>	Encloses a set of option elements that can act as a dropdown list (HTML5)
✓ <dd> </dd>	Marks text as a definition within a definition list

defn.  
list

Element/Attribute	Description
<del> </del>	Marks text as deleted from the document
cite="url"	Provides the URL for the document that has additional information about the deleted text
datetime="date"	Specifies the date and time of the text deletion
<details> </details>	Represents a form control from which the user can obtain additional information or controls (HTML5)
open="open"	Specifies that the contents of the details element should be shown to the user
<dfn> </dfn>	Marks the defining instance of a term
<dir> </dir>	Contains a directory listing (deprecated)
compact="compact"	Permits use of compact rendering, if available (deprecated)
<div> </div>	Creates a generic block-level element
align="left center right justify"	Specifies the horizontal alignment of the content (obsolete)
datafld="text"	
dataformatas="html  plaintext text"	Indicates the column from a data source that supplies bound data for the block (IE only)
datasrc="url"	Specifies the format of the data in the data source bound with the button (IE only)
<dl> </dl>	Provides the URL or ID of the data source bound with the block (IE only)
compact="compact"	Encloses a definition list using the dd and dt elements
<dt> </dt>	Permits use of compact rendering, if available (obsolete)
nowrap="nowrap"	Marks a definition term in a definition list
<em> </em>	Specifies whether the content wraps using normal HTML line-wrapping conventions
media→><embed>	Marks emphasized text
align="align"	Defines external multimedia content or a plugin (HTML5)
height="integer"	Specifies the alignment of the object with the surrounding content where align is bottom, left, right, or top (obsolete)
hspace="integer"	Specifies the height of the object in pixels
name="text"	Specifies the horizontal space around the object in pixels (obsolete)
src="url"	Provides the name of the embedded object (obsolete)
type="mime-type"	Provides the location of the file containing the object
vspace="integer"	Specifies the mime-type of the embedded object
width="integer"	Specifies the vertical space around the object in pixels (obsolete)
<fieldset> </fieldset>	Specifies the width of the object in pixels
disabled="disabled"	Places form fields in a common group
form="id"	Disables the fieldset
name="text"	The id of the form associated with the fieldset
<figcaption> </figcaption>	The name part of the name/value pair associated with this element
<figure> </figure>	Represents the caption of a figure (HTML5)
<font> </font>	A structural element that represents a group of media content that is self-contained along with a caption (HTML5)
color="color"	Formats the enclosed text (deprecated)
face="text list"	Specifies the color of the enclosed text (deprecated)
size="integer"	Specifies the font face(s) of the enclosed text (deprecated)
	Specifies the size of the enclosed text, with values ranging from 1 (smallest) to 7 (largest); a value of +integer increases the font size relative to the font size specified in the basefont element (deprecated)

table → ✓  
form → ✓

Element/Attribute	Description
<footer> </footer>	A structural element that represents the footer of a section or page (HTML5)
<form> </form>	Encloses the contents of a Web form
accept="mime-type list"	Lists mime-types that the server processing the form will handle (deprecated)
accept-charset="char code"	Specifies the character encoding that the server processing the form will handle
X action="url"	Provides the URL to which the form values are to be sent
autocomplete="on off"	Enables automatic insertion of information in fields in which the user has previously entered data (HTML5)
X enctype="mime-type"	Specifies the mime-type of the data to be sent to the server for processing; the default is "application/x-www-form-urlencoded"
X method="get post"	Specifies the method of accessing the URL specified in the action attribute
X name="text"	Specifies the name of the form
novalidate="novalidate"	Specifies that the form is not meant to be validated during submission (HTML5)
target="text"	Specifies the frame or window in which output from the form should appear
<frame> </frame>	Marks a single frame within a set of frames (deprecated)
bordercolor="color"	Specifies the color of the frame border
frameborder="1 0"	Determines whether the frame border is visible (1) or invisible (0); Netscape also supports values of yes or no
longdesc="url"	Provides the URL of a document containing a long description of the frame's contents
marginheight="integer"	Specifies the space above and below the frame object and the frame's borders, in pixels
marginwidth="integer"	Specifies the space to the left and right of the frame object and the frame's borders, in pixels
name="text"	Specifies the name of the frame
noresize="noresize"	Prevents users from resizing the frame
scrolling="auto yes no"	Specifies whether the browser will display a scroll bar with the frame
src="url"	Provides the URL of the document to be displayed in the frame
<frameset> </frameset>	Creates a collection of frames (deprecated)
border="integer"	Specifies the thickness of the frame borders in the frameset in pixels (not part of the W3C specifications, but supported by most browsers)
bordercolor="color"	Specifies the color of the frame borders
cols="value list"	Arranges the frames in columns with the width of each column expressed either in pixels, as a percentage, or using an asterisk (to allow the browser to choose the width)
frameborder="1 0"	Determines whether frame borders are visible (1) or invisible (0); (not part of the W3C specifications, but supported by most browsers)
framespacing="integer"	Specifies the amount of space between frames in pixels (IE only)
rows="value list"	Arranges the frames in rows with the height of each column expressed either in pixels, as a percentage, or using an asterisk (to allow the browser to choose the height)

Element/Attribute	Description
✓ <hi> </hi>	Marks the enclosed text as a heading, where <i>i</i> is an integer from 1 (the largest heading) to 6 (the smallest heading)
✗ align="align"	Specifies the alignment of the heading text where align is left, center, right, or justify (obsolete)
✓ <head> </head>	Encloses the document head, containing information about the document
profile="url"	Provides the location of metadata about the document
✓ <header> </header>	Structural element that represents the header of a section or the page (HTML5)
✓ <hgroup> </hgroup>	Structural element that groups content headings (HTML5)
✓ <hr />	Draws a horizontal line (rule) in the rendered page
✗ align="align"	Specifies the horizontal alignment of the line where align left, center, or right (obsolete)
✗ color="color"	Specifies the color of the line (obsolete)
noshade="noshade"	Removes 3-D shading from the line (obsolete)
✗ size="integer"	Specifies the height of the line in pixels or as a percentage of the enclosing element's height (obsolete)
✗ width="integer"	Specifies the width of the line in pixels or as a percentage of the enclosing element's width (obsolete)
✓ <html> </html>	Encloses the entire content of the HTML document
manifest="url"	Provides the address of the document's application cache manifest (HTML5)
xmlns="text"	Specifies the namespace prefix for the document
✓ <i> </i>	Represents a span of text offset from its surrounding content without conveying any extra importance or emphasis
<iframe> </iframe>	Creates an inline frame in the document
align="align"	Specifies the horizontal alignment of the frame with the surrounding content where align is bottom, left, middle, top, or right (obsolete)
datafld="text"	Indicates the column from a data source that supplies bound data for the inline frame (IE only)
dataformatas="html plaintext text"	Specifies the format of the data in the data source bound with the inline frame (IE only)
datasrc="url"	Provides the URL or ID of the data source bound with the inline frame (IE only)
frameborder="1 0"	Specifies whether to display a frame border (1) or not (0) (obsolete)
height="integer"	Specifies the height of the frame in pixels
longdesc="url"	Indicates the document containing a long description of the frame's content (obsolete)
marginheight="integer"	Specifies the space above and below the frame object and the frame's borders, in pixels (obsolete)
marginwidth="integer"	Specifies the space to the left and right of the frame object and the frame's borders, in pixels (obsolete)
name="text"	Specifies the name of the frame
sandbox="allow-forms allow-scripts allow-top-navigation allow-same-origin"	Defines restrictions to the frame content (HTML5)
seamless="seamless"	Displays the inline frame as part of the document (HTML5)
scrolling="auto yes no"	Determines whether the browser displays a scroll bar with the frame (obsolete)



Element/Attribute	Description	
<code>src="url"</code>	Indicates the document displayed within the frame	
<code>srcdoc="text"</code>	Provides the HTML code shown in the inline frame (HTML5)	
<code>width="integer"</code>	Specifies the width of the frame in pixels	
<code>&lt;img&gt; &lt;/img&gt;</code>	Inserts an inline image into the document	
<code <="" align="align" code=""></code>	Specifies the alignment of the image with the surrounding content where <code align="left, right, top, texttop, middle, absmiddle, baseline, bottom, absbottom&lt;/code&gt; (obsolete)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;del&gt;&lt;code&gt;alt=" code="" text"<=""></code>	Specifies alternate text to be displayed in place of the image
<del><code>border="integer"</code></del>	Specifies the width of the image border (obsolete)	
<code>datafld="text"</code>	Names the column from a data source that supplies bound data for the image (IE only)	
<code>dataformatas="html   plaintext text"</code>	Specifies the format of the data in the data source bound with the image (IE only)	
<code>datasrc="url"</code>	Provides the URL or ID of the data source bound with the image (IE only)	
<code>dynsrc="url"</code>	Provides the URL of a video or VRML file (IE and Opera only)	
<del><code>height="integer"</code></del>	Specifies the height of the image in pixels	
<code>hspace="integer"</code>	Specifies the horizontal space around the image in pixels (deprecated)	
<del><code>ismap="ismap"</code></del>	Indicates that the image can be used as a server-side image map	
<code>longdesc="url"</code>	Provides the URL of a document containing a long description of the image (obsolete)	
<code>name="text"</code>	Specifies the image name (obsolete)	
<del><code>src="url"</code></del>	Specifies the image source file	
<del><code>usemap="url"</code></del>	Provides the location of a client-side image associated with the image (not well-supported when the URL points to an external file)	
<code>vspace="integer"</code>	Specifies the vertical space around the image in pixels (obsolete)	
<del><code>width="integer"</code></del>	Specifies the width of the image in pixels	
<code>&lt;input&gt; &lt;/input&gt;</code>	Marks an input field in a Web form	
<code <="" align="align" code=""></code>	Specifies the alignment of the input field with the surrounding content where <code align="left, right, top, texttop, middle, absmiddle, baseline, bottom, or absbottom&lt;/code&gt; (obsolete)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;code&gt;alt=" code="" text"<=""></code>	Specifies alternate text for image buttons and image input fields
<del><code>checked="checked"</code></del>	Specifies that the input check box or input radio button is selected	
<code>datafld="text"</code>	Indicates the column from a data source that supplies bound data for the input field (IE only)	
<code>dataformatas="html   plaintext text"</code>	Specifies the format of the data in the data source bound with the input field (IE only)	
<code>datasrc="url"</code>	Provides the URL or ID of the data source bound with the input field (IE only)	
<code>disabled="disabled"</code>	Disables the input control	
<code>form="text"</code>	Specifies the form to which the button belongs (HTML5)	
<code>formaction="url"</code>	Specifies the URL to which the form data is sent (HTML5)	
<code>formenctype="mime-type"</code>	Specifies the encoding of the form data before it is sent (HTML5)	
<code>formmethod="get post"</code>	Specifies the HTTP method with which the form data is submitted	
<code>formnovalidate="formnovalidate"</code>	Specifies that the form should not be validated during submission (HTML5)	

Element/Attribute	Description
form (con't'd)	
formtarget="text"	Provides a name for the target of the button (HTML5)
height="integer"	Specifies the height of the image input field in pixels (HTML5)
list="id"	Specifies the id of a data list associated with the input field (HTML5)
max="value"	Specifies the maximum value of the field (HTML5)
X maxlen="integer"	Specifies the maximum number of characters that can be inserted into a text input field
min="value"	Specifies the minimum value of the field (HTML5)
X multiple="multiple"	Specifies that the user is allowed to specify more than one input value (HTML5)
X name="text"	Specifies the name of the input field
X pattern="text"	Specifies the required regular expression pattern of the input field value (HTML5)
X placeholder="text"	Specifies placeholder text for the input field (HTML5)
readonly="readonly"	Prevents the value of the input field from being modified
X size="integer"	Specifies the number of characters that can be displayed at one time in an input text field
X src="url"	Indicates the source file of an input image field
step="any value"	Specifies the value granularity of the field value (HTML5)
X type="text"	Specifies the input type where text is button, checkbox, color, date, datetime, datetime-local, email, file, hidden, image, month, number, password, radio, range, reset, search, submit, tel, text, time, url, or week (HTML5)
X value="text"	Specifies the default value of the input field
width="integer"	Specifies the width of an image input field in pixels (HTML5)
<ins> </ins>	Marks inserted text
cite="url"	Provides the URL for the document that has additional information about the inserted text
datetime="date"	Specifies the date and time of the text insertion
✓ <kbd> </kbd>	Marks keyboard-style text
<keygen> </keygen>	Defines a generate key within a form (HTML5)
autofocus="autofocus"	Specifies that the element is to be given the focus when the form is loaded
challenge="text"	Provides the challenge string that is submitted along with the key
disabled="disabled"	Disables the element
form="id"	Specifies the id of the form associated with the element
keytype="rsa"	Specifies the type of key generated
name="text"	Specifies the name part of the name/value pair associated with the element
<label> </label>	Associates the enclosed content with a form field
datafld="text"	Indicates the column from a data source that supplies bound data for the label (IE only)
dataformatas="html plaintext text"	Specifies the format of the data in the data source bound with the label (IE only)
datasrc="url"	Provides the URL or ID of the data source bound with the label (IE only)
for="text"	Provides the ID of the field associated with the label
form="id"	Specifies the id of the form associated with the label (HTML5)



form → ✓

Element/Attribute	Description
<legend> </legend>	Marks the enclosed text as a caption for a field set
align="bottom left  top right"	Specifies the alignment of the legend with the field set; Internet Explorer also supports the center option (deprecated)
<li> </li>	Marks an item in an ordered (ol), unordered (ul), menu (menu), or directory (dir) list
value="integer"	Sets the value for the current list item in an ordered list; subsequent list items are numbered from that value
<link />	Creates an element in the document head that establishes the relationship between the current document and external documents or objects
charset="char code"	Specifies the character encoding of the external document (obsolete)
x href="url"	Provides the URL of the external document
hreflang="text"	Indicates the language of the external document
media="media"	Indicates the media in which the external document is presented
x rel="text"	Specifies the relationship between the current page and the link specified by the href attribute <i>rel = "stylesheet" for stylesheets</i>
rev="text"	Specifies the reverse relationship between the current page and the link specified by the href attribute (obsolete)
sizes="any value"	Specifies the sizes of icons used for visual media (HTML5)
target="text"	Specifies the target window or frame for the link (obsolete)
type="mime-type"	Specifies the mime-type of the external document
<map> </map>	Creates an element that contains client-side image map hotspots
name="text"	Specifies the name of the image map
<mark> </mark>	Defines marked text (HTML5)
<menu> </menu>	Represents a list of commands
compact="compact"	Reduces the space between menu items (obsolete)
label="text"	Defines a visible label for the menu (HTML5)
type="context list  toolbar"	Defines which type of list to display
<meta />	Creates an element in the document's head section that contains information and special instructions for processing the document
x charset="char code"	Defines the character encoding for the document (HTML5)
x content="text"	Provides information associated with the name or http-equiv attributes
x http-equiv="text"	Provides instructions to the browser to request the server to perform different http operations
x name="text"	Specifies the type of information specified in the content attribute
scheme="text"	Supplies additional information about the scheme used to interpret the content attribute (obsolete)
<meter> </meter>	Defines a measurement within a predefined range (HTML5)
high="value"	Defines the high value of the range
low="value"	Defines the low value of the range
max="value"	Defines the maximum value
min="value"	Defines the minimum value
optimum="value"	Defines the optimum value from the range
value="value"	Defines the meter's value
<nav> </nav>	Structural element defining a navigation list (HTML5)

Element/Attribute	Description
<nobr> </nobr>	Disables line wrapping for the enclosed content (not part of the W3C specifications, but supported by most browsers)
<noembed> </noembed>	Encloses alternate content for browsers that do not support the embed element (not part of the W3C specifications, but supported by most browsers)
<noframe> </noframe>	Encloses alternate content for browsers that do not support frames (obsolete)
<noscript> </noscript>	Encloses alternate content for browsers that do not support client-side scripts
<object> </object>	Places an embedded object (image, applet, sound clip, video clip, etc.) into the page
archive="url"	Specifies the URL of an archive containing classes and other resources pre-loaded for use with the object (obsolete)
align="align"	Aligns the object with the surrounding content where align is absbottom, absmiddle, baseline, bottom, left, middle, right, texttop, or top (obsolete)
border="integer"	Specifies the width of the border around the object (obsolete)
classid="url"	Provides the URL of the object (obsolete)
codebase="url"	Specifies the base path used to resolve relative references within the embedded object (obsolete)
codetype="mime-type"	Indicates the mime-type of the embedded object's code (obsolete)
data="url"	Provides the URL of the object's data file
datafld="text"	Identifies the column from a data source that supplies bound data for the embedded object (IE only)
dataformatas="html   plaintext text"	Specifies the format of the data in the data source bound with the embedded object (IE only)
datasrc="url"	Provides the URL or ID of the data source bound with the embedded object (IE only)
declare="declare"	Declares the object without embedding it on the page (obsolete)
form="id"	Specifies the id of the form associated with the object (HTML5)
height="integer"	Specifies the height of the object in pixels
hspace="integer"	Specifies the horizontal space around the image in pixels (obsolete)
name="text"	Specifies the name of the embedded object
standby="text"	Specifies the message displayed by the browser while loading the embedded object (obsolete)
type="mime-type"	Indicates the mime-type of the embedded object
vspace="integer"	Specifies the vertical space around the embedded object (obsolete)
width="integer"	Specifies the width of the object in pixels
<ol> </ol>	Contains an ordered list of items
reversed="reversed"	Specifies that the list markers are to be displayed in descending order (HTML5)
start="integer"	Specifies the starting value in the list
type="A a I i 1"	Specifies the bullet type associated with the list items (deprecated)
<optgroup> </optgroup>	Contains a group of option elements in a selection field
disabled="disabled"	Disables the option group control
label="text"	Specifies the label for the option group
<option> </option>	Formats an option within a selection field
disabled="disabled"	Disables the option control
label="text"	Supplies the text label associated with the option
selected="selected"	Selects the option by default
value="text"	Specifies the value associated with the option

Element/Attribute	Description
<output> </output>	Form control representing the result of a calculation (HTML5)
name="text"	Specifies the name part of the name/value pair associated with the field
form="id"	Specifies the id of the form associated with the field
for="text list"	Lists the id references associated with the calculation
✓   <p> </p>	Marks the enclosed content as a paragraph
× align="align"	Horizontally aligns the contents of the paragraph where align is left, center, right, or justify (obsolete)
media → ( ✓ ) <param> </param>	Marks parameter values sent to an object element or an applet element
name="text"	Specifies the parameter name
type="mime-type"	Specifies the mime-type of the resource indicated by the value attribute (obsolete)
value="text"	Specifies the parameter value
valuetype="data ref object"	Specifies the data type of the value attribute (obsolete)
✓   <pre> </pre>	Marks the enclosed text as preformatted text, retaining white space from the document
<progress> </progress>	Represents the progress of completion of a task (HTML5)
value="value"	Specifies how much of the task has been completed
max="value"	Specifies how much work the task requires in total
( ✓ ) <q> </q>	Marks the enclosed text as a quotation <i>PUTS " " around text.</i>
cite="url"	Provides the source URL of the quoted content
<rp> </rp>	Used in ruby annotations to define what to show browsers that do not support the ruby element (HTML5)
<rt> </rt>	Defines explanation to ruby annotations (HTML5)
<ruby> </ruby>	Defines ruby annotations (HTML5)
✓   <s> </s>	Marks the enclosed text as strikethrough text
<samp> </samp>	Marks the enclosed text as a sequence of literal characters
✓   <script> </script>	Encloses client-side scripts within the document; this element can be placed within the head or the body element or it can refer to an external script file
async="async"	Specifies that the script should be executed asynchronously as soon as it becomes available (HTML5)
charset="char code"	Specifies the character encoding of the script
defer="defer"	Defers execution of the script
language="text"	Specifies the language of the script (obsolete)
src="url"	Provides the URL of an external script file
× type="mime-type"	Specifies the mime-type of the script
✓   <section> </section>	Structural element representing a section of the document (HTML5)
<select> </select>	Creates a selection field (drop-down list box) in a Web form
autofocus="autofocus"	Specifies that the browser should give focus to the selection field as soon as the page loads (HTML5)
datafld="text"	Identifies the column from a data source that supplies bound data for the selection field (IE only)

form → ✓

Form  
(continued)

Element/Attribute	Description
dataformatas="html plaintext text"	Specifies the format of the data in the data source bound with the selection field (IE only)
datasrc="url"	Provides the URL or ID of the data source bound with the selection field (IE only)
disabled="disabled"	Disables the selection field
form="id"	Provides the id of the form associated with the selection field (HTML5)
X multiple="multiple"	Allows multiple sections from the field
X name="text"	Specifies the selection field name
X size="integer"	Specifies the number of visible items in the selection list
(✓) <small> </small>	Represents "final print" or "small print" in legal disclaimers and caveats
<source />	Enables multiple media sources to be specified for audio and video elements (HTML5)
media="media"	Specifies the intended media type of the media source
src="url"	Specifies the location of the media source
type="mime-type"	Specifies the MIME type of the media source
✓ <span> </span>	Creates a generic inline element
datafld="text"	Identifies the column from a data source that supplies bound data for the inline element (IE only)
dataformatas="html plaintext text"	Specifies the format of the data in the data source bound with the inline element (IE only)
datasrc="url"	Provides the URL or ID of the data source bound with the inline element (IE only)
✓ <strong> </strong>	Marks the enclosed text as strongly emphasized text
✓ <style> </style>	Encloses global style declarations for the document
media="media"	Indicates the media of the enclosed style definitions
scoped="scoped"	Indicates that the specified style information is meant to apply only to the style element's parent element (HTML5)
use → ✓ type="mime-type"	Specifies the mime-type of the style definitions
<sub> </sub>	Marks the enclosed text as subscript text
✓ <summary> </summary>	Defines the header of a detail element (HTML5)
✓ <sup> </sup>	Marks the enclosed text as superscript text
✓ <table> </table>	Encloses the contents of a Web table
align="align"	Aligns the table with the surrounding content where align is left, center, or right (obsolete)
bgcolor="color"	Specifies the background color of the table (obsolete)
border="integer"	Specifies the width of the table border in pixels (obsolete)
cellpadding="integer"	Specifies the space between the table data and the cell borders in pixels (obsolete)
cellspacing="integer"	Specifies the space between table cells in pixels (obsolete)
datafld="text"	Indicates the column from a data source that supplies bound data for the table (IE only)
dataformatas="html plaintext text"	Specifies the format of the data in the data source bound with the table (IE only)



Element/Attribute	Description
<code>datapagesize="integer"</code>	Sets the number of records displayed within the table (IE only)
<code>datasrc="url"</code>	Provides the URL or ID of the data source bound with the table (IE only)
<code>frame="frame"</code>	Specifies the format of the borders around the table where <code>frame</code> is above, below, border, box, hsides, lhs, rhs, void, or vside (obsolete)
<code>rules="rules"</code>	Specifies the format of the table's internal borders or gridlines where <code>rules</code> is all, cols, groups, none, or rows (obsolete)
<del>X</del> <code>summary="text"</code>	Supplies a text summary of the table's content
<code>width="integer"</code>	Specifies the width of the table in pixels (obsolete)
<code>&lt;tbody&gt; &lt;/tbody&gt;</code>	Encloses the content of the Web table body
<code>align="align"</code>	Specifies the alignment of the contents in the cells of the table body where <code>align</code> is left, center, right, justify, or char (obsolete)
<code>char="char"</code>	Specifies the character used for aligning the table body contents when the align attribute is set to "char" (obsolete)
<code>charoff="integer"</code>	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
<code>valign="align"</code>	Specifies the vertical alignment of the contents in the cells of the table body where <code>valign</code> is baseline, bottom, middle, or top (obsolete)
<code>&lt;td&gt; &lt;/td&gt;</code>	Encloses the data of a table cell
<code>abbr="text"</code>	Supplies an abbreviated version of the contents of the table cell (obsolete)
<code>align="align"</code>	Specifies the horizontal alignment of the table cell data where <code>align</code> is left, center, or right (obsolete)
<code>bgcolor="color"</code>	Specifies the background color of the table cell (obsolete)
<code>char="char"</code>	Specifies the character used for aligning the table cell contents when the align attribute is set to "char" (obsolete)
<code>charoff="integer"</code>	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
<del>X</del> <code>colspan="integer"</code>	Specifies the number of columns the table cell spans
<code>headers="text"</code>	Supplies a space-separated list of table headers associated with the table cell
<code>height="integer"</code>	Specifies the height of the table cell in pixels (obsolete)
<code>nowrap="nowrap"</code>	Disables line-wrapping within the table cell (obsolete)
<del>X</del> <code>rowspan="integer"</code>	Specifies the number of rows the table cell spans
<code>scope="col colgroup row rowgroup"</code>	Specifies the scope of the table for which the cell provides data (obsolete)
<code>valign="align"</code>	Specifies the vertical alignment of the contents of the table cell where <code>valign</code> is top, middle, or bottom (obsolete)
<code>width="integer"</code>	Specifies the width of the cell in pixels (obsolete)
<code>&lt;textarea&gt; &lt;/textarea&gt;</code>	Marks the enclosed text as a text area input box in a Web form
<code>autofocus="autofocus"</code>	Specifies that the text area is to receive the focus when the page is loaded (HTML5)
<code>datafld="text"</code>	Specifies the column from a data source that supplies bound data for the text area box (IE only)
<code>dataformatas="html plaintext text"</code>	Specifies the format of the data in the data source bound with the text area box (IE only)

Element/Attribute	Description
form (cont'd)	
datasrc="url"	Provides the URL or ID of the data source bound with the text area box (IE only)
cols="integer"	Specifies the width of the text area box in characters
disabled="disabled"	Disables the text area field
form="id"	Associates the text area with the form identified by <i>id</i> (HTML5)
maxlength="integer"	Specifies the maximum allowed value length for the text area
name="text"	Specifies the name of the text area box
placeholder="text"	Provides a short hint intended to aid the user when entering data (HTML5)
readonly="readonly"	Specifies the value of the text area box, cannot be modified
required="required"	Indicates whether the text area is required for validation (HTML5)
rows="integer"	Specifies the number of visible rows in the text area box
wrap="soft hard"	Specifies how text is wrapped within the text area box and how that text-wrapping information is sent to the server-side program
table → ✓	
<tfoot> </tfoot>	Encloses the content of the Web table footer
align="align"	Specifies the alignment of the contents in the cells of the table footer where <i>align</i> is left, center, right, justify, or char (obsolete)
char="char"	Specifies the character used for aligning the table footer contents when the align attribute is set to "char" (obsolete)
charoff="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
valign="align"	Specifies the vertical alignment of the contents in the cells of the table footer where <i>align</i> is baseline, bottom, middle, or top (obsolete)
table → ✓	
<th> </th>	Encloses the data of a table header cell
abbr="text"	Supplies an abbreviated version of the contents of the table cell (obsolete)
align="align"	Specifies the horizontal alignment of the table cell data where <i>align</i> is left, center, or right (obsolete)
axis="text list"	Provides a list of table categories that can be mapped to a table hierarchy (obsolete)
bgcolor="color"	Specifies the background color of the table cell (obsolete)
char="char"	Specifies the character used for aligning the table cell contents when the align attribute is set to "char" (obsolete)
charoff="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
colspan="integer"	Specifies the number of columns the table cell spans
headers="text"	A space-separated list of table headers associated with the table cell
height="integer"	Specifies the height of the table cell in pixels (obsolete)
nowrap="nowrap"	Disables line-wrapping within the table cell (obsolete)
rowspan="integer"	Specifies the number of rows the table cell spans
scope="col colgroup row rowgroup"	Specifies the scope of the table for which the cell provides data
valign="align"	Specifies the vertical alignment of the contents of the table cell where <i>align</i> is top, middle, or bottom (obsolete)
width="integer"	Specifies the width of the cell in pixels (obsolete)

table →

Element/Attribute	Description
<thead> </thead>	Encloses the content of the Web table header
align="align"	Specifies the alignment of the contents in the cells of the table header where align is left, center, right, justify, or char (obsolete)
char="char"	Specifies the character used for aligning the table header contents when the align attribute is set to "char" (obsolete)
charoff="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
valign="align"	Specifies the vertical alignment of the contents in the cells of the table header where align is baseline, bottom, middle, or top (obsolete)
(✓)   <time> </time>	Represents a date and/or time (HTML5)
✓   <title> </title>	Specifies the title of the document, placed in the head section of the document
✓   <tr> </tr>	Encloses the content of arrow within a Web table ↗
align="align"	Specifies the horizontal alignment of the data in the row's cells where align is left, center, or right (obsolete)
char="char"	Specifies the character used for aligning the table row contents when the align attribute is set to "char" (obsolete)
charoff="integer"	Specifies the offset in pixels from the alignment character specified in the char attribute (obsolete)
valign="align"	Specifies the vertical alignment of the contents of the table row where align is baseline, bottom, middle, or top (obsolete)
<track> </track>	Enables supplementary media tracks such as subtitles and captions (HTML5)
default="default"	Enables the track if the user's preferences do not indicate that another track would be more appropriate
kind="kind"	Specifies the kind of track, where kind is subtitles, captions, descriptions, chapters, or metadata
label="text"	Provides a user-readable title for the track
src="url"	Provides the address of the track
srclang="lang"	Provides the language of the track
<tt> </tt>	Marks the enclosed text as teletype or monospaced text (deprecated)
<u> </u>	Marks the enclosed text as underlined text (deprecated)
<ul> </ul>	Contains an unordered list of items
compact="compact"	Reduces the space between unordered list items (obsolete)
type="disc square circle"	Specifies the bullet type associated with the list items (obsolete)
<var> </var>	Marks the enclosed text as containing a variable name
<video> </video>	Defines an embedded video clip (HTML5)
audio="text"	Defines the default audio state; currently only "muted" is supported
autoplay="autoplay"	Specifies that the video should begin playing automatically when the page is loaded
controls="controls"	Instructs the browser to display the video controls
height="value"	Provides the height of the video clip in pixels
loop="loop"	Instructs the browser to loop the clip back to the beginning
preload="auto metadata none"	Indicates whether to preload the video clip data
poster="url"	Specifies the location of an image file to act as a poster for the video clip
width="value"	Provides the width of the video clip in pixels

table ↗

list →