

# HTML Language Notes

## HTML Video Link :

<https://youtu.be/BsDoLVMnmZs>

## Boilerplate Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible"
content="IE=edge">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## HTML Tags And Their Description

1. **<!-- -->** Defines a comment
2. **<!DOCTYPE>** Defines the document type
3. **<a>** Defines a hyperlink

It contains attribute **download** which Specifies that the target will be downloaded when a user clicks on the hyperlink. It contains attribute **href** which Specifies the URL of the page the link goes to. It contains attribute **hreflang** which Specifies the language of the linked document. It contains attribute

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**media** which specifies what media/device the linked document is optimized for. It contains attribute **rel** which specifies the relationship between the current document and the linked document. It contains attribute **target** which Specifies the target for where to open the linked document or where to submit the form. It contains attribute **type** which Specifies the type of element.

4. **<abbr>** Defines an abbreviation or an acronym

5. **<address>** Defines contact information for the author/owner of a document

6. **<area>** Defines an area inside an image map.

It contains attribute **alt** which specifies an alternate text when the original element fails to display. It contains attribute **coords** which Specifies the coordinates of the area. It contains attribute **download** which specifies that the target will be downloaded when a user clicks on the hyperlink. It contains attribute **href** which Specifies the URL of the page the link goes to. It contains attribute **hreflang** which Specifies the language of the linked document. It contains attribute **media** which specifies what media/device the linked document is optimized for. It contains attribute **rel** which specifies the relationship between the current document and the linked document. It contains attribute **shape** which specifies the shape of the area. It contains attribute **target** which Specifies the target for where to open the linked document or where to submit the form.

7. **<article>** Defines an article

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- 8. **<aside>** Defines content aside from the page content
- 9. **<audio>** Defines embedded sound content

It contains attribute **autoplay** which specifies that the audio/video will start playing as soon as it is ready. It contains attribute **controls** which specifies that audio/video controls should be displayed (such as a play/pause button, etc.). It contains attribute **loop** which Specifies that the video will start over again, every time it is finished. It contains attribute **muted** which Specifies that the audio output of the video should be muted. It contains attribute **onabort** which specifies the Script to be run on abort. It contains attribute **oncanplay** which specifies the Script to be run when a file is ready to start playing (when it has buffered enough to begin). It contains attribute **oncanplaythrough** which specifies the Script to be run when a file can be played all the way to the end without pausing for buffering. It contains attribute **ondurationchange** which specifies the Script to be run when the length of the media changes. It contains attribute **onemptied** which specifies Script to be run when something bad happens and the file is suddenly unavailable (like unexpectedly disconnects). It contains attribute **onended** which specifies the Script to be run when the media has reached the end (a useful event for messages like "thanks for listening"). It contains attribute **onerror** which specifies the Script to be run when an error occurs. It contains attribute **onloadeddata** which specifies the script to be run when media data is loaded. It contains attribute **onloadedmetadata** which specifies the script to be run when meta data ( like dimensions and duration ) are loaded. It contains attribute

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**onloadstart** which specifies the script to be run just as the file begins to load before anything is actually loaded. It contains attribute **onpause** which specifies the script to be run when the media is paused either by the user or programmatically. It contains attribute **onplay/onplaying** which specifies the script to be run when the media has started playing. It contains attribute **onprogress** which specifies the script to be run when the browser is in the process of getting the media data. It contains attribute **onratechange** which specifies the script to be run each time the playback rate changes ( like when a user switches to a slow motion or fast forward mode ). It contains attribute **onseeked** which specifies the script to be run when the seeking attribute is set to false indicating that seeking has ended. It contains attribute **onseeking** which specifies the script to be run when the seeking attribute is set to true indicating that seeking is active. It contains attribute **onstalled** which specifies the script to be run when the browser is unable to fetch the media data for whatever reason. It contains attribute **onsuspended** which specifies the script to be run when fetching the media data is stopped before it is completely loaded for whatever reason. It contains attribute **ontimeupdate** which specifies the script to be run when the playing position has changed ( like when the user fast forwards to a different point in the media ). It contains attribute **onvolumechange** which specifies the script to be run each time the volume of a video/audio has been changed. It contains attribute **onwaiting** which specifies the script to be run when the media has paused but is expected

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to resume (like when the media paused to buffer more data). It contains attribute ***preload*** which specifies if and how the author thinks the audio/video should be loaded when the page loads. It contains attribute ***src*** which Specifies the URL of the media file.

10. **<b>** Defines bold text

11. **<base>** Specifies the base URL/target for all relative URLs in a document

It contains attribute ***href*** which Specifies the URL of the page the link goes to. It contains attribute ***target*** which Specifies the target for where to open the linked document or where to submit the form.

12. **<bdi>** Isolates a part of text that might be formatted in a different direction from other text outside it

13. **<bdo>** Overrides the current text direction

14. **<blockquote>** Defines a section that is quotes from another source

It contains attribute ***cite*** which specifies a URL which explains the quote/deleted/inserted text.

15. **<body>** Defines the document's body

It contains attribute ***onafterprint*** which specifies the Script to be run after the document is printed. It contains attribute ***onbeforeprint*** which specifies the Script to be run before the document is printed. It contains attribute ***onbeforeunload*** which specifies the Script to be run when the document is about to be unloaded. It contains attribute ***onerror*** which specifies the Script to be run when an error occurs. It

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contains attribute ***onhashchange*** which specifies Script to be run when there has been changes to the anchor part of a URL. It contains attribute ***onload*** which specifies the script to be run when the element is finished loading. It contains attribute ***onoffline*** which specifies the script to be run when the browser starts to work offline. It contains attribute ***ononline*** which specifies the script to be run when the browser starts to work online. It contains attribute ***onpagehide*** which specifies the script to be run when a user navigates away from a page. It contains attribute ***onpageshow*** which specifies the script to be run when a user navigates to a page. It contains attribute ***onpopstate*** which specifies the script to be run when the window's history changes. It contains attribute ***onresize*** which specifies the script to be run when the browser window is being resized. It contains attribute ***onstorage*** which specifies the script to be run when a web storage area is updated. It contains attribute ***onunload*** which specifies the script to be run when a page has unloaded ( or the browser window has been closed ).

16. **<br>** Defines a single line break

17. **<button>** Defines a clickable button

It contains attribute ***autofocus*** which Specifies that the element should automatically get focus when the page loads. It contains attribute ***disabled*** which Specifies that the specified element/group of elements should be disabled. It contains attribute ***form*** which Specifies the name of the form the element belongs to. It contains attribute ***formaction*** which Specifies where to send the form-data when a form is

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submitted. Only for type="submit". It contains attribute ***name*** which specifies the name of the element. It contains attribute ***type*** which Specifies the type of element. It contains attribute ***value*** which specifies the value of the element.

18. **<canvas>** Used to draw graphics, on the fly, via scripting ( usually JavaScript )

It contains attribute ***height*** which Specifies the height of the element. It contains attribute ***width*** which Specifies the width of the element.

19. **<caption>** Defines a table caption  
20. **<cite>** Defines the title of a work  
21. **<code>** Defines a piece of computer code  
22. **<colgroup>** Specifies a group of one or more columns in a table for formatting

It contains attribute ***span*** which Specifies the number of columns to span.

23. **<col>** Specifies column properties for each column within a **<colgroup>** element

It contains attribute ***span*** which Specifies the number of columns to span.

24. **<data>** Adds a machine-readable translation of a given content  
25. **<datalist>** Specifies a list of pre-defined options for input controls

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- 26. **<dd>** Defines a description/value of a term in a description list
- 27. **<del>** Defines text that has been deleted from a document

It contains attribute ***cite*** which specifies a URL which explains the quote/deleted/inserted text. It contains attribute ***datetime*** which Specifies the date and time.

- 28. **<details>** Defines additional details that the user can view or hide

It contains attribute ***ontoggle*** which specifies the script to be run when the user opens or closes the <details> element. It contains attribute ***open*** which specifies that the details should be visible ( open ) to the user.

- 29. **<dfn>** Specifies a term that is going to be defined within the content
- 30. **<dialog>** Defines a dialog box or window
- 31. **<div>** Defines a section in a document
- 32. **<dl>** Defines a description list
- 33. **<dt>** Defines a term/name in a description list
- 34. **<em>** Defines emphasized text
- 35. **<embed>** Defines a container for an external application

It contains attribute ***height*** which . It contains attribute ***onabort*** which specifies the Script to be run on abort. It contains attribute ***oncanplay*** which specifies the Script to be run when a file is ready to start playing (when it has buffered enough to begin). It contains attribute ***onerror*** which



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specifies the Script to be run when an error occurs. It contains attribute **src** which Specifies the URL of the media file. It contains attribute **type** which Specifies the type of element. It contains attribute **width** which Specifies the width of the element.

36. **<fieldset>** Groups related elements in a form

It contains attribute **disabled** which Specifies that the specified element/group of elements should be disabled. It contains attribute **form** which Specifies the name of the form the element belongs to. It contains attribute **name** which specifies the name of the element.

37. **<figure>** Specifies self-contained content

38. **<figcaption>** Defines a caption for a *<figure>* element

39. **<footer>** Defines a footer for a document or section

40. **<form>** Defines an HTML form for user input

It contains attribute **accept-charset** which specifies the character encodings that are to be used for the form submission. It contains attribute **action** which specifies where to send form data when a form is submitted. It contains attribute **autocomplete** which Specifies whether it should have autocomplete enabled. It contains attribute **enctype** which Specifies how the form-data should be encoded when submitting it to the server (only for method="post"). It contains attribute **method** which Specifies the HTTP method to use when sending form-data. It contains attribute **name** which specifies the name of the element. It contains attribute **novalidate** which Specifies that the form

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should not be validated when submitted. It contains attribute ***onreset*** which specifies the script to be run when a reset button in a form is clicked. It contains attribute ***onsubmit*** which specifies the script to be run when a form is submitted. It contains attribute ***rel*** which specifies the relationship between the current document and the linked document. It contains attribute ***target*** which Specifies the target for where to open the linked document or where to submit the form.

- 41. **<h1> to <h6>** Defines HTML headings
- 42. **<head>** Contains metadata/information for the document
- 43. **<header>** Defines a header for a document or section
- 44. **<hr>** Defines a thematic change in the content
- 45. **<html>** Defines the root of an HTML document
- 46. **<i>** Defines a part of text in an alternate voice or mood
- 47. **<iframe>** Defines an inline frame

It contains attribute ***height*** which Specifies the height of the element. It contains attribute ***name*** which specifies the name of the element. It contains attribute ***onload*** which specifies the script to be run when the element is finished loading. It contains attribute ***sandbox*** which enables an extra set of restrictions for the content in an <iframe>. It contains attribute ***src*** which Specifies the URL of the media file. It contains attribute ***srcdoc*** which Specifies the HTML content of the page to show in the <iframe>. It contains attribute ***width*** which Specifies the width of the element.

- 48. **<img>** Defines an image

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It contains attribute **alt** which specifies an alternate text when the original element fails to display. It contains attribute **height** which Specifies the height of the element. It contains attribute **ismap** which Specifies an image as a server-side image map. It contains attribute **onabort** which specifies the Script to be run on abort. It contains attribute **onerror** which specifies the Script to be run when an error occurs. It contains attribute **onload** which specifies the script to be run when the element is finished loading. It contains attribute **sizes** which Specifies the size of the linked resource. It contains attribute **src** which Specifies the URL of the media file. It contains attribute **srcset** which specifies the URL of the image to use in different situations. It contains attribute **usemap** which Specifies an image as a client-side image map. It contains attribute **width** which Specifies the width of the element.

## 49. <input> Defines an input control

It contains attribute **accept** which specifies the types of files that the server accepts ( only for type = "file" ). It contains attribute **alt** which specifies an alternate text when the original element fails to display. It contains attribute **autocomplete** which Specifies whether it should have autocomplete enabled. It contains one more attribute **autofocus** which Specifies that the element should automatically get focus when the page loads. It contains attribute **checked** which specifies that it should be pre-selected when the page loads (for type="checkbox" or type="radio"). It contains attribute **dirname** which Specifies

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that the text direction will be submitted. It contains attribute ***disabled*** which Specifies that the specified element/group of elements should be disabled. It contains attribute ***form*** which Specifies the name of the form the element belongs to. It contains attribute ***formaction*** which Specifies where to send the form-data when a form is submitted. Only for type="submit". It contains attribute ***height*** which Specifies the height of the element. It contains attribute ***list*** which refers to a <datalist> element that contains pre-defined options for an <input> element. It contains attribute ***max*** which Specifies the maximum value. It contains attribute ***min*** which Specifies the minimum value. It contains attribute ***maxlength*** which Specifies the maximum number of characters allowed in an element. . It contains attribute ***multiple*** which Specifies that a user can enter more than one value. It contains attribute ***name*** which specifies the name of the element. It contains attribute ***onload*** which specifies the script to be run when the element is finished loading. It contains attribute ***onsearch*** which specifies the script to be run when the user writes something in a search field ( for <input="search"> ). It contains attribute ***pattern*** which specifies a regular expression that an <input> element's value is checked against. It contains attribute ***placeholder*** which specifies a short hint that describes the expected value of the element. It contains attribute ***readonly*** which specifies that the element is read only. It contains attribute ***required*** which specifies that the element must be filled out before submitting the form. It contains attribute ***size*** which Specifies the width, in characters (for <input>) or specifies the number

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of visible options (for <select>). It contains attribute **src** which Specifies the URL of the media file. It contains attribute **step** which Specifies the legal number intervals for an input field. It contains attribute **type** which Specifies the type of element. It contains attribute **value** which specifies the value of the element. It contains attribute **width** which Specifies the width of the element.

50. **<ins>** Defines a text that has been inserted into a document

It contains attribute **cite** which specifies a URL which explains the quote/deleted/inserted text. It contains attribute **datetime** which Specifies the date and time.

51. **<kbd>** Defines keyboard input

52. **<label>** Defines a label for an *<input>* element

It contains attribute **for** which Specifies which form element(s) a label/calculation is bound to. It contains attribute **form** which Specifies the name of the form the element belongs to

53. **<legend>** Defines a caption for a *<fieldset>* element

54. **<li>** Defines a list item

It contains attribute **value** which specifies the value of the element.

55. **<link>** Defines the relationship between a document and an external source ( most used to link style sheets )

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It contains attribute ***href*** which Specifies the URL of the page the link goes to. It contains attribute ***hreflang*** which Specifies the language of the linked document. It contains attribute ***media*** which Specifies what media/device the linked document is optimized for. It contains attribute ***onload*** which specifies the script to be run when the element is finished loading. It contains attribute ***rel*** which specifies the relationship between the current document and the linked document. It contains attribute ***sizes*** which Specifies the size of the linked resource. It contains attribute ***type*** which Specifies the type of element.

56. **<main>** Specifies the main content of a document

57. **<map>** Defines an image map

It contains attribute ***name*** which specifies the name of the element.

58. **<mark>** Defines marked/highlighted text

59. **<meta>** Defines metadata about an HTML document

It contains attribute ***charset*** which specifies the character encoding. It contains attribute ***content*** which gives the value associated with the http-equiv or name attribute. It contains attribute ***http-equiv*** which Provides an HTTP header for the information/value of the content attribute. It contains attribute ***name*** which specifies the name of the element.

60. **<meter>** Defines a scalar measurement within a known range ( a gauge )

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It contains attribute **form** which Specifies the name of the form the element belongs to. It contains attribute **high** which Specifies the range that is considered to be a high value. . It contains attribute **low** which Specifies the range that is considered to be a low value. It contains attribute **max** which Specifies the maximum value. It contains attribute **optimum** which specifies what value is the optimal value for the gauge. It contains attribute **value** which specifies the value of the element.

- 61. **<nav>** Defines navigation links
- 62. **<noscript>** Defines an alternate content for users that do not support client-side scripts
- 63. **<object>** Defines a container for an external application

It contains attribute **data** which specifies the URL of the resource to be used by the object. It contains attribute **form** which Specifies the name of the form the element belongs to. It contains attribute **height** which Specifies the height of the element. It contains attribute **name** which specifies the name of the element. It contains attribute **onabort** which specifies the Script to be run on abort. It contains attribute **oncanplay** which specifies the Script to be run when a file is ready to start playing (when it has buffered enough to begin). It contains attribute **onerror** which specifies the Script to be run when an error occurs. It contains attribute **type** which Specifies the type of element. It contains attribute **usemap** which Specifies an image as a client-side image map. It contains attribute **width** which Specifies the width of the element.

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64. **<ol>** Defines an ordered list

It contains attribute ***reversed*** which specifies that the list should be descending. It contains attribute ***start*** which Specifies the start value of an ordered list.

65. **<optgroup>** Defines a group of related options in a drop-down list

It contains attribute ***disabled*** which Specifies that the specified element/group of elements should be disabled. It contains attribute ***label*** which Specifies the title of the text track.

66. **<option>** Defines an option in a drop-down list

It contains attribute ***disabled*** which Specifies that the specified element/group of elements should be disabled. It contains attribute ***label*** which Specifies the title of the text track. It contains attribute ***selected*** which specifies that an option should be pre-selected when the page loads. It contains attribute ***value*** which specifies the value of the element.

67. **<output>** Defines the result of a calculation

It contains attribute ***for*** which Specifies which form element(s) a label/calculation is bound to. It contains attribute ***form*** which Specifies the name of the form the element belongs to. It contains attribute ***name*** which specifies the name of the element.

68. **<p>** Defines a paragraph



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69. **<param>** Defines a parameter for an object

It contains attribute ***name*** which specifies the name of the element. It contains attribute ***value*** which specifies the value of the element.

70. **<picture>** Defines a container for multiple image resources

71. **<pre>** Defines preformatted text

72. **<progress>** Represents the progress of a task

It contains attribute ***max*** which Specifies the maximum value. It contains attribute ***value*** which specifies the value of the element.

73. **<q>** Defines a short quotation

It contains attribute ***cite*** which specifies a URL which explains the quote/deleted/inserted text.

74. **<rp>** Defines what to show in browsers that do not support ruby annotations

75. **<rt>** Defines an explanation/pronunciation of character ( for East Asian typography )

76. **<ruby>** Defines a ruby annotation ( for East Asian typography )

77. **<s>** Defines text that is no longer correct

78. **<samp>** Defines sample output from a computer program

79. **<script>** Defines a client-side script

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It contains attribute ***async*** which Specifies that the script is executed asynchronously (only for external scripts). It contains attribute ***charset*** which specifies the character encoding. It contains attribute ***defer*** which Specifies that the script is executed when the page has finished parsing (only for external scripts). It contains attribute ***onerror*** which specifies the Script to be run when an error occurs. It contains attribute ***onload*** which specifies the script to be run when the element is finished loading. It contains attribute ***src*** which Specifies the URL of the media file. It contains attribute ***type*** which Specifies the type of element.

80. **<section>** Defines a section in a document

81. **<select>** Defines a drop-down list

It contains attribute ***autofocus*** which Specifies that the element should automatically get focus when the page loads. It contains attribute ***disabled*** which Specifies that the specified element/group of elements should be disabled. It contains attribute ***form*** which Specifies the name of the form the element belongs to. . It contains attribute ***multiple*** which Specifies that a user can enter more than one value. It contains attribute ***name*** which specifies the name of the element. It contains attribute ***required*** which specifies that the element must be filled out before submitting the form. It contains attribute ***size*** which Specifies the width, in characters (for <input>) or specifies the number of visible options (for <select>).

82. **<small>** Defines smaller text

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83. **<source>** Defines multiple media resources for media elements ( *<video>* and *<audio>* )

It contains attribute **media** which Specifies what media/device the linked document is optimized for. It contains attribute **sizes** which Specifies the size of the linked resource. It contains attribute **src** which Specifies the URL of the media file. It contains attribute **srcset** which specifies the URL of the image to use in different situations. It contains attribute **type** which Specifies the type of element.

84. **<span>** Defines a section in a document

85. **<strong>** Defines important text

86. **<style>** Defines style information for a document

It contains attribute **media** which Specifies what media/device the linked document is optimized for. It contains attribute **onerror** which specifies the Script to be run when an error occurs. It contains attribute **onload** which specifies the script to be run when the element is finished loading. It contains attribute **type** which Specifies the type of element.

87. **<sub>** Defines subscripted text

88. **<summary>** Defines a visible heading for a *<details>* element

89. **<sup>** Defines superscripted text

90. **<svg>** Defines a container for SVG graphics

91. **<table>** Defines a table

92. **<tbody>** Groups the body content in a table

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93. **<td>** Defines a cell in a table

It contains attribute **colspan** which specifies the number of columns a table cell should span. It contains attribute **headers** which Specifies one or more headers cells a cell is related to. It contains attribute **rowspan** which specifies the number of rows a table cell should span.

94. **<template>** Defines a container for content that should be hidden when page loads

95. **<textarea>** Defines a multiple input control ( text area

It contains attribute **autofocus** which Specifies that the element should automatically get focus when the page loads. It contains attribute **cols** which specifies the visible width of a text area. It contains attribute **dirname** which Specifies that the text direction will be submitted. It contains attribute **disabled** which Specifies that the specified element/group of elements should be disabled. It contains attribute **form** which Specifies the name of the form the element belongs to. It contains attribute **maxlength** which Specifies the maximum number of characters allowed in an element. It contains attribute **name** which specifies the name of the element. It contains attribute **placeholder** which specifies a short hint that describes the expected value of the element. It contains attribute **required** which specifies that the element must be filled out before submitting the form. It contains attribute **rows** which specifies the visible number of lines in a text area. It contains attribute **wrap** which Specifies how the text in a text area is to be wrapped when submitted in a form.

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96. **<tfoot>** Groups the footer content in a table

97. **<th>** Defines a header cell in a table

It contains attribute **colspan** which specifies the number of columns a table cell should span. It contains attribute **headers** which Specify one or more headers cells a cell is related to. It contains attribute **rowspan** which specifies the number of rows a table cell should span. It contains attribute **scope** which specifies whether a header cell is a header for a column, row, or group of columns or rows.

98. **<thead>** Groups the header content in a table

99. **<time>** Defines a specific time ( or datetime )

It contains attribute **datetime** which Specifies the date and time.

100. **<title>** Defines a title for the document

101. **<tr>** Defines a row in a table

102. **<track>** Defines text tracks for media elements  
( **<video>** and **<audio>** )

It contains attribute **default** which Specifies that the track is to be enabled if the user's preferences do not indicate that another track would be more appropriate. . It contains attribute **kind** which Specifies the kind of text track. . It contains attribute **label** which Specifies the title of the text track. It contains attribute **oncuechange** which specifies the Script to be run when the cue changes in a **<track>** element. It contains attribute **src** which Specifies the URL of the media file. It contains attribute **srclang** which Specifies the language of the track text data (required if kind="subtitles").

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103. **<u>** Defines some text that is unarticulated and styled differently from normal text

104. **<ul>** Defines an unordered list

105. **<var>** Defines a variable

106. **<video>** Defines embedded video content

It contains attribute **autoplay** which specifies that the audio/video will start playing as soon as it is ready. It contains attribute **height** which Specifies the height of the element. It contains attribute **loop** which Specifies that the video will start over again, every time it is finished. It contains attribute **muted** which Specifies that the audio output of the video should be muted. It contains attribute **onabort** which specifies the Script to be run on abort. It contains attribute **oncanplay** which specifies the Script to be run when a file is ready to start playing (when it has buffered enough to begin). It contains attribute **oncanplaythrough** which specifies the Script to be run when a file can be played all the way to the end without pausing for buffering. It contains attribute **ondurationchange** which specifies the Script to be run when the length of the media changes. It contains attribute **onemptied** which specifies Script to be run when something bad happens and the file is suddenly unavailable (like unexpectedly disconnects). It contains attribute **onended** which specifies the Script to be run when the media has reached the end (a useful event for messages like "thanks for listening"). It contains attribute **onerror** which specifies the Script to be run when an error occurs. It contains attribute **onloadeddata** which specifies the script to be run when media data is loaded. It contains attribute **onloadedmetadata**

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which specifies the script to be run when meta data ( like dimensions and duration ) are loaded. It contains attribute ***onloadstart*** which specifies the script to be run just as the file begins to load before anything is actually loaded. It contains attribute ***onpause*** which specifies the script to be run when the media is paused either by the user or programmatically. It contains attribute ***onplay/onplaying*** which specifies the script to be run when the media has started playing. It contains attribute ***onprogress*** which specifies the script to be run when the browser is in the process of getting the media data. It contains attribute ***onratechange*** which specifies the script to be run each time the playback rate changes ( like when a user switches to a slow motion or fast forward mode ). It contains attribute ***onseeked*** which specifies the script to be run when the seeking attribute is set to false indicating that seeking has ended. It contains attribute ***onseeking*** which specifies the script to be run when the seeking attribute is set to true indicating that seeking is active. It contains attribute ***onstalled*** which specifies the script to be run when the browser is unable to fetch the media data for whatever reason. It contains attribute ***onsuspended*** which specifies the script to be run when fetching the media data is stopped before it is completely loaded for whatever reason. It contains attribute ***ontimeupdate*** which specifies the script to be run when the playing position has changed ( like when the user fast forwards to a different point in the media ). It contains attribute ***onvolumechange*** which specifies the script to be run each time the volume of a video/audio has been



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changed. It contains attribute ***onwaiting*** which specifies the script to be run when the media has paused but is expected to resume (like when the media paused to buffer more data). It contains attribute ***poster*** which specifies an image to be shown while the video is downloading, or until the user hits the play button. It contains attribute ***preload*** which specifies if and how the author thinks the audio/video should be loaded when the page loads. It contains attribute ***src*** which Specifies the URL of the media file. It contains attribute ***width*** which Specifies the width of the element.

107. **<wbr>** Defines a possible line break


 There are some attributes which are global that means that they can be used with all the tags and they are :

1. ***accesskey*** Specifies a shortcut key to activate/focus an element.
2. ***class*** Specifies one or more class names for an element (refers to a class in a style sheet).
3. ***contenteditable*** Specifies whether the content of an element is editable or not.
4. ***data*-\*** Used to store custom data private to the page or application.
5. ***dir*** Specifies the text direction for the content in an element.
6. ***draggable*** Specifies whether an element is draggable or not.
7. ***hidden*** Specifies that an element is not yet, or is no longer, relevant.
8. ***id*** Specifies a unique id for an element.



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9. **lang** Specifies the language of the element's content.
10. **Spellcheck** Specifies whether the element is to have its spelling and grammar checked or not.
11. **style** Specifies an inline CSS style for an element.
12. **tabindex** Specifies the tabbing order of an element.
13. **title** Specifies extra information about an element.
14. **translate** Specifies whether the content of an element should be translated or not.

 There are some attributes which are applied to all the elements which are visible :

1. **onblur** Script to be run when the element loses focus.
2. **onchange** Script to be run when the value of the element is changed.
3. **onclick** Script to be run when the element is being clicked.
4. **oncontextmenu** Script to be run when a context menu is triggered.
5. **oncopy** Script to be run when the content of the element is being copied.
6. **oncut** Script to be run when the content of the element is being cut.
7. **ondblclick** Script to be run when the element is being double-clicked.
8. **ondrag** Script to be run when the element is being dragged.
9. **ondragend** Script to be run at the end of a drag operation.
10. **ondragenter** Script to be run when an element has been dragged to a valid drop target.
11. **ondragleave** Script to be run when an element leaves a valid drop target.

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12. ***ondragover*** Script to be run when an element is being dragged over a valid drop target.
13. ***ondragstart*** Script to be run at the start of a drag operation.
14. ***ondrop*** Script to be run when dragged element is being dropped.
15. ***onfocus*** Script to be run when the element gets focus.
16. ***oninput*** Script to be run when the element gets user input.
17. ***oninvalid*** Script to be run when the element is invalid.
18. ***onkeydown*** Script to be run when a user is pressing a key.
19. ***onkeypress*** Script to be run when a user presses a key.
20. ***onkeyup*** Script to be run when a user releases a key.
21. ***onmousedown*** Script to be run when a mouse button is pressed down on an element.
22. ***onmousemove*** Script to be run as long as the mouse pointer is moving over an element.
23. ***onmouseout*** Script to be run when a mouse pointer moves out of an element.
24. ***onmouseover*** Script to be run when a mouse pointer moves over an element.
25. ***onmouseup*** Script to be run when a mouse button is released over an element.
26. ***onmousewheel*** Script to be run when a mouse wheel is being scrolled over an element.
27. ***onpaste*** Script to be run when the user pastes some content in an element.

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- 28. ***onscroll*** Script to be run when an element's scrollbar is being scrolled.
- 29. ***onselect*** Script to be run when the element gets selected.
- 30. ***onwheel*** Script to be run when the mouse wheel rolls up or down over an element.