

Marking up text

Web development I: Front-end engineering

Document structure

```
<!doctype html>

<html>

  <head>

    <!-- metadata -->

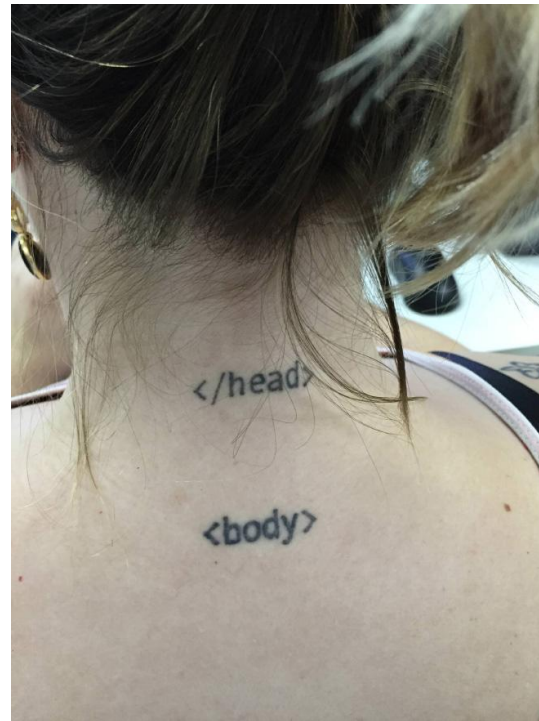
  </head>

  <body>

    <!-- content -->

  </body>

</html>
```



**New** [tags added in HTML5]

<article>	self-contained composition that is independently distributable	<details>	details of an element	<output>	represents results of calculation
<aside>	section of page that consists of content tangentially related to content around it	<embed>	embedded content	<progress>	progress of any kind of task
<audio>	sound content	<figcaption>	caption of figure element	<rp>	parenthesized ruby text
<bdi>	span of text to be isolated from surroundings for bidirectional formatting purposes	<figure>	group of media content	<rt>	ruby text
<canvas>	area that can be used to draw graphics via JavaScript	<footer>	footer for section or page	<ruby>	ruby annotations
<command>	user invokable command	<header>	header for section or page	<section>	section in a document
<datalist>	dropdown list	<hgroup>	group of headings for section	<source>	media resources
<datatemplate>	data template	<keygen>	generated key in a form	<summary>	header of a detail element
		<mark>	marked text	<time>	date/time
		<meter>	measurement in defined range	<video>	video
		<nav>	navigation links	<wbr>	possible line break

Old [unsupported tags]

<acronym>	acronym	<isindex>	provides searchable index related to current document
<applet>	applet	<dir>	directory list
<basefont>	base font	<noembed>	no embed section
<bgsound>	background sound	<noframes>	no frame section
<big>	big text	<s>	strikethrough text
<center>	centered text	<strike>	strikethrough text
<fn>	footnotes	<tt>	teletype text
	text font, size, and color	<u>	underlined text
<frame>	sub window	<xmp>	preformatted text
<frameset>	set of frames		

Existing [tags in HTML4 & 5]

<!--...-->	comment	<code>	code text	<html>	html document	<object>	embedded object	<sub>	subscripted text
<!doctype>	document type	<col>	attributes for columns	<i>	italic text		ordered list	<sup>	superscripted text
<a>	hyperlink	<colgroup>	groups of columns	<iframe>	inline sub window	<optgroup>	option group	<table>	table
<abbr>	abbreviation	<dd>	definition description		image	<option>	option in a drop-down list	<tbody>	table body
<address>	address element		deleted text	<input>	input field	<p>	paragraph	<td>	table cell
<area>	image map area	<div>	generic block-level element	<ins>	inserted text	<param>	parameter for an object	<textarea>	text area
	bold text	<dfn>	defining instance of a term	<kbd>	keyboard text	<pre>	preformatted object	<tfoot>	table footer
<base>	base URL for all links in page relative to document root	<dl>	definition list	<label>	label for a form control	<q>	short quotation	<th>	table header
<bdo>	text direction	<dt>	definition term	<legend>	title in a fieldset	<samp>	sample computer code	<thead>	wraps row containing table headers
<blockquote>	long quotation		emphasized text		list item	<script>	script	<title>	document title
<body>	body element	<fieldset>	logically group items in a form	<link>	resource reference	<select>	selectable list	<tr>	table row

	single line break	<form>	defines a form	<map>	image map	<small>	small text		unordered list
<button>	push button	<h1> to <h6>	header 1 to header 6	<menu>	menu list		inline generic container	<var>	variable
<caption>	table caption	<head>	document information	<meta>	meta information		strong text		
<cite>	citation	<hr>	horizontal rule	<noscript>	no script section	<style>	style definition		

Document metadata

<head>

Metadata container

<title>

Document title

<base>

Base URL to resolve *all* relative URLs

<link>

External resource

<style>

Styling information

<script>

Scripting

<meta>

Other metadata: `charset`, `name/content` pairs, etc.

<body>

Document body container

<main>

Dominant content

<article>

Self-contained composition (e.g. blog post, card)

<section>

Generic standalone section

<header>

Introductory content

<footer>

Colophon: copyright, further reading, etc.

<aside>

Content indirectly related to the main content

Content sectioning

`<nav>`

Navigation links

`<h1>`, ..., `<h6>`

Headings

`<address>`

Contact information

<div>

Generic block container

<p>

Paragraph

<pre>

Preformatted text

<figure>

Self-contained content

<figcaption>

Caption describing the <figure>

<blockquote>

Long quotation

<hr>

Horizontal rule (thematic break)

Lists

Ordered list

Unordered list

List item

<dl>

Description list

<dt>

Term name

<dd>

Term description

<a>

Hyperlink (was *anchor*)

<i>

Idiomatic text (was *italic*)

Idiomatic text (better semantics)

Important text (was *bold*)

Important text (better semantics)

<u>

Unarticulated text (was *underline*)

<mark>

Highlighted text

<s>

Non-relevant or non-accurate text

Deleted text

<ins>

Inserted text

<ruby>

Typography annotation

<rp>

Fallback parenthesis

<rt>

Pronunciation, transliteration, etc.

<bdo>

Bidirectional text override

<bdi>

Bidirectional text isolation

`<small>`

Small print

`<sub>`

Subscript

`<sup>`

Superscript

`<wbr>`

Word break opportunity

`
`

Line break

``

Generic inline container

`<code>`

Computer code

`<data>`

Machine-readable text

<cite>

Citation or reference

<q>

Short quotation

<samp>

Sample output code

<time>

Time or date

<abbr>

Abbreviation

<var>

Math variable

<dfn>

Definition

<kbd>

User input

Image

<picture>

Alt. image container

<audio>

Sound content

<video>

Video content

<source>

Media source

<track>

Timed text (e.g. subtitles)

<map>

Image map

<area>

Clickable map area

`<embed>`

External resource (deprecated)

`<object>`

External resource

`<param>`

Object parameters

`<iframe>`

External page

`<portal>`

Page preview

`<svg>`

Scalable Vector Graphics

`<math>`

MathML expressions

<script>

Executable code or data

<noscript>

Scripting fallback content

<canvas>

Graphics and animations

Tables

<table>

Tabular data

<thead>

Table header

<th>

Cell header

<tbody>

Table body

<tr>

Row of cells

<td>

Cell data

<tfoot>

Table footer

Tables

<caption>

Table caption

<colgroup>

Group of columns

<col>

Column description

<form>

Section with interactive controls

<fieldset>

Controls group

<legend>

Fieldset caption

<input>

Several types of text input

<textarea>

Multi-line text input

<label>

Item caption

<select>

Selectable menu

<optgroup>

Group of menu options

<option>

Menu option

<label>

Caption for labelable elements

<button>

Clickable button

<output>

Results of a calculation

<datalist>

List of suggestions

<progress>

Progress indicator

<meter>

Range indicator

<dialog>

Modal pop-up

<details>

Disclosure widget

<summary>

Caption of a disclosure widget

Web components

<template>

Custom HTML element

<slot>

Template placeholder

See https://developer.mozilla.org/en-US/docs/Web/Web_Components