HTML (Hypertext Markup Language)

* Language used to mark up document( i.e Webpage) in the World Wide Web
* Application of SGML (language to define Markup language )
* Historically, html was used to specify the structure and content of web pages, as well as their presentation
* Modern web development practice, however uses html solely for semantics specification of web page structure and content with presentation aspects being delegated to style sheets
* Initially developed at CERN, then the IETF then the W3C and then also the WHATWG

Version history

Pre-standardization

* Html tags by Tim Berners Lee1991
* Hypertext Markup language (Html)

Standards

* Html 2.0 (RFC 1866 Nov.1995)
* Html 3.2 (W3C recommendation Jan. 1997)
* Html 4.0 (W3C recommendation Dec. 1997)
* Html 4.01 (W3C recommendation Dec. 1999)

Introduced deprecation of presentation element and attributes in favor of style sheets

Strict, transitional frameset DTDs

XHTML

* Reformulation of HTML in XML

XML

* Intended to facilitate the introduction of html element and/or attribute provide interoperability between HTML and XML.
* Based system and leverage the use if XML tools in creating editing and parsing HTML
* Its to move the internet content-development community from the days of mailformed non-standard HTML markup Into the well-formed, valid world of XML

HTML5

* Arose from the effort to evolve HTML (instead of replacing it) to address backward capability issues that hundred the adoption of XHTML as well as to address the emerging needs of modern web application
* Work on HTML 5 was initially undertaken by the WHATWG ( led by Apple, Mozilla and opera) in 2004, with the W3C signifying interest to participate in the effort in 2006 the first incorporated the first draft of HTML5 was published in 2008 (edited by Ian Hickson)
* Html5 incorporated specification from HTML4, XHTML1 and the DOM and include various extension of existing APIs and introduced new APIs as well

HTML5 (W3C Recommendation Oct. 2014)

HTML5.1 (W3C recommendation Nov. 2016)

HTML55.2 (W3C recommendation Dec. 2017)