## Introducción al desarrollo web http://idesweb.es/





#### Historia de HTML



Sergio Luján Mora

Departamento de Lenguajes y Sistemas Informáticos

Universidad de Alicante (España)

## Introducción al desarrollo web http://idesweb.es/

#### Contacto

- http://gplsi.dlsi.ua.es/~slujan/
- http://accesibilidadenlaweb.blogspot.com.es/
- http://accesibilidadweb.dlsi.ua.es/
- http://desarrolloweb.dlsi.ua.es/
- http://www.youtube.com/user/sergiolujanmora
- sergio.lujan@ua.es
- @sergiolujanmora

## Introducción al desarrollo web http://idesweb.es/

Historia de la Web: su nacimiento parte 1 (11:07)

http://youtu.be/cCHzhQVqEyl





Campus Party Brasil - 18/01/2011 - Foto: Cristiano Sant'Anna/indicefoto.com



Campus Party Brasil - 18/01/2011 - Foto: Cristiano Sant'Anna/indicefoto.com



DAVE RAGGETT

JENNY LAM

IAN ALEXANDER

MICHAEL KMIEC







http://www.w3.org/People/Raggett/book4/ch02.html

Included in this chapter is information on:

© Addison Wesley Longman 1998. All rights reserved

2 - A history of HTML

- · How the World Wide Web began
- The events and circumstances that led to the World Wide Web's current popularity
- How HTML has grown from its conception in the early 1990s

www.w3.org/People/Raggett/book4/ch02.html

W3 Chapter 2

Summary

HTML has had a life-span of roughly seven years. During that time, it has evolved from a simple language with a small number of tags to a complex system of mark-up, enabling authors to create all-singing-and-dancing Web pages complete with animated images, sound and all manner of gimmicks. This chapter tells you something about the Web's early days, HTML, and about the people, companies and organizations who contributed to

HTML+, HTML 2, HTML 3.2 and finally, HTML 4. This chapter is a short history of HTML. Its aim is to give readers some idea of how the HTML we use today was developed from the prototype written by Tim Berners-Lee in 1992. The story is interesting - not least because HTML has been through an extremely bumpy ride on the road to standardization, with software engineers, academics and browser companies haggling about the language like so many Ministers of Parliament



DAVE RAGGETT

JENNY LAM

IAN ALEXANDER

MICHAEL KMIEC







#### **HyperText Markup Language Specification Version 3.0**

<draft-ietf-html-specv3-00.txt>

#### Status of this Memo

W3 HyperText Markup Languag∈ ×

#### This document has been superceded. Please see the HTML 3.2 Materials

This document is an expired Internet draft. Internet drafts are working documents of the Internet Engineering Task Force (IETF), its areas and its working groups. Note that other groups may also distribute working information as Internet drafts.

Internet Drafts are draft documents valid for a maximum of six months and can be updated, replaced or obsoleted by other documents at any time. It is inappropriate to use Internet drafts as reference material or to cite them as other than as "work in progress".

To learn the current status of any Internet draft please check the "lid-abstracts.txt" listing contained in the Internet drafts shadow directories on ftp.is.co.za (Africa), nic.nordu.net (Europe), munnari.oz.au (Pacific Rim), ds.internic.net (US East coast) or ftp.isi.edu (US West coast). Further information about the IETF can be found at URL: http://www.ietf.org/

Distribution of this document is unlimited. Please send comments to the HTML working group (HTML-WG) of the Internet Engineering Task Force (IETF) at <a href="http://www.acl.lanl.gov/HTML-WG/archives.html">http://www.acl.lanl.gov/HTML-WG/archives.html</a>.

#### Abstract

The HyperText Markup Language (HTML) is a simple markup language used to create hypertext documents that are portable from one platform to another. HTML documents are SGML documents with generic semantics that are appropriate for representing information from a wide range of applications. HTML markup can represent hypertext news, mail, documentation, and hypermedia; menus of options; database query results; simple structured documents with inlined graphics and hypertext views of existing bodies of information.

This specification defines the capabilities of HTML version 3.0 and provides additional capabilities over previous versions such as tables, text flow around figures and math. It is backwards compatible with HTML 2.0.

[Link to Table of Contents]



Author: <u>Dave Raggett</u> <dsr@w3.org>

#### Status of this document

This document has been reviewed by W3C members and other interested parties and has been endorsed by the Director as a W3C Recommendation. It is a stable document and may be used as reference material or cited as a normative reference from another document. W3C's role in making the Recommendation is to draw attention to the specification and to promote its widespread deployment. This enhances the functionality and interoperability of the Web.

A list of current W3C Recommendations and other technical documents can be found at <a href="http://www.w3.org/pub/WWW/TR/">http://www.w3.org/pub/WWW/TR/</a>.

#### Abstract

The HyperText Markup Language (HTML) is a simple markup language used to create hypertext documents that are portable from one platform to another. HTML documents are SGML documents with generic semantics that are appropriate for representing information from a wide range of applications. This specification defines HTML version 3.2. HTML 3.2 aims to capture recommended practice as of early '96 and as such to be used as a replacement for HTML 2.0 (RFC 1866).

#### Contents

- - Introduction to HTML 3.2
  - HTML as an SGML application
  - The Structure of HTML documents
  - The HEAD element and its children
  - The BODY element and its children
  - Sample SGML Open Catalog for HTML 3.2

W3C Recommendation



table of contents elements attributes index



#### HTML 4.01 Specification

#### W3C Recommendation 24 December 1999

#### This version:

http://www.w3.org/TR/1999/REC-html401-19991224

(plain text [794Kb], gzip'ed tar archive of HTML files [371Kb], a .zip archive of HTML files [405Kb], gzip'ed Postscript file [746Kb, 389 pages], gzip'ed PDF file [963Kb])

#### Latest version of HTML 4.01:

http://www.w3.org/TR/html401

#### Latest version of HTML 4:

http://www.w3.org/TR/html4

#### Latest version of HTML:

http://www.w3.org/TR/html

#### Previous version of HTML 4.01:

http://www.w3.org/TR/1999/PR-html40-19990824

#### Previous HTML 4 Recommendation:

http://www.w3.org/TR/1998/REC-html40-19980424

#### Editors:

Dave Raggett <dsr@w3.org> Arnaud Le Hors, W3C lan Jacobs, W3C

Copyright ©1997-1999 W3C® (MIT, INRIA, Keio), All Rights Reserved. W3C liability, trademark, document use and software licensing rules apply.



Campus Party Brasil - 18/01/2011 - Foto: Cristiano Sant'Anna/indicefoto.com

## SGML

**Standard Generalized Markup Language** 

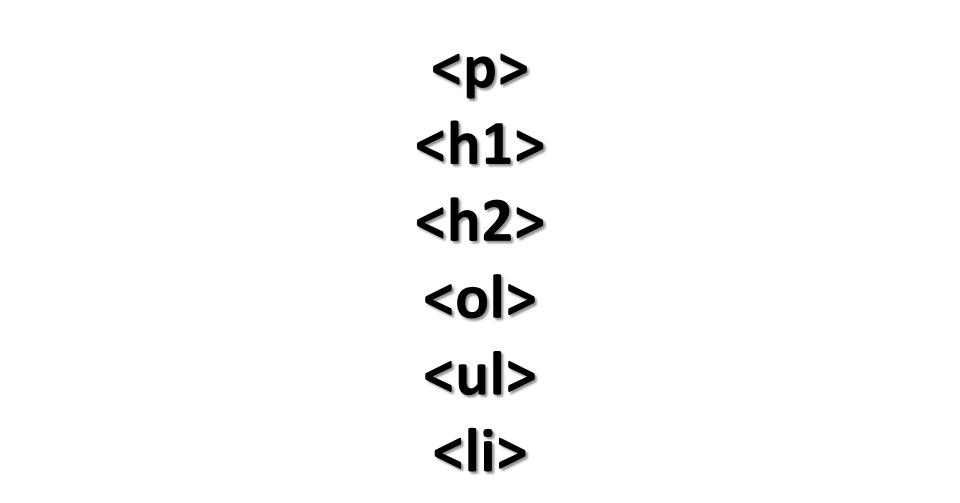
## ISO 8879 (1986)

# 

```
<!DOCTYPE linuxdoc PUBLIC "-//FreeBSD//DTD linuxdoc//EN">
<!-- Here's an SGML example file. Format it and print out the source, and
     use it as a model for your own SGML files. As you can see this is a
     comment.
-->
<article>
<!-- Title information -->
<title>Quick SGML Example
<author>Matt Welsh, <tt/mdw@cs.cornell.edu/</pre>
<date>v1.0, 28 March 1994
<abstract>
This document is a brief example using the Linuxdoc-SGML DTD.
</abstract>
<!-- Table of contents -->
<toc>
<!-- Begin the document -->
```

<sect>Introduction

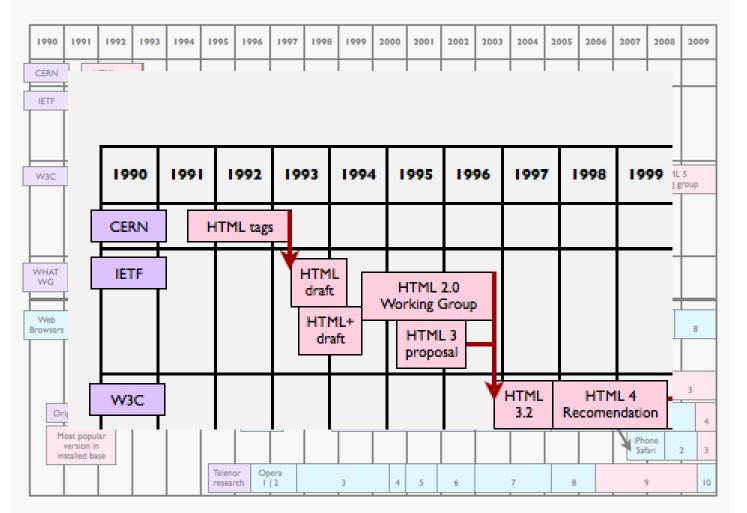
<title>...</title>



## <a href="">

### Noviembre de 1990





## 1990 - 1993

Hypertext Markup Language (HTML)
Internet Draft
IIIR Working Group

Tim Berners-Lee, CERN Daniel Connolly, Atrium June 1993

Hypertext Markup Language (HTML)

A Representation of Textual Information and MetaInformation for Retrieval and Interchange

Status of this Document

This document is an Internet Draft. Internet Drafts are working documents of the Internet Engineering Task Force (IETF), its Areas, and its Working Groups. Note that other groups may also distribute working documents as Internet Drafts.

Internet Drafts are working documents valid for a maximum of six months. Internet Drafts may be updated, replaced, or obsoleted by other documents at any time. It is not appropriate to use Internet Drafts as reference material or to cite them other than as a "working draft" or "work in progress".

Distribution of this document is unlimited. The document is a draft form of a standard for interchange of information on the network which is proposed to be registered as a MIME (RFC1341) content type. Please send comments to timbl@info.cern.ch or the discussion list www-talk@info.cern.ch.

This is version 1.2 of this draft. This document is available in hypertext on the World-Wide Web as http://info.cern.ch/hypertext/WWW/MarkUp/HTML.html

### **HTML 1.0**

#### HTML is not SMGL

i HTML is not SMGL from Dan ( ×

Related messages: [Next message] [Previous message] [Next in thread] [Replies]

This message: [Message body] [More options (top, bottom)]

• Contemporary messages sorted: [by date ] [by thread ] [by subject ] [by author ] [by messages with attachments ]

From: Dan Connolly < connolly at pixel.convex.com> Date: Sun. 07 Jun 92 00:12:55 CDT

up everything).

Now I'm going back to the idea of writing a DTD for the existing HTML format. I can't seem to do it. HTML has so little rigid structure that I'm running

into mixed content problems (I have to allow #PCDATA)

almost anywhere, hence mixed content, which screws

Now if I make it possible to create such documents with FrameMaker and a perl script, I bet it will catch on. I suspect I'll get some resistance against abandoning UDI's, but I don't think they work.

This MIME/SGML stuff sure seems like the way to go.

```
← → C  www.w3.org/MarkUp/draft-ietf-iir-html-01
<!DOCTYPE HTML [
<!-- Jul 1 93 -->
     Regarding clause 6.1, SGML Document:
        [1] SGML document = SGML document entity,
            (SGML subdocument entity |
           SGML text entity | non-SGML data entity) *
       The role of SGML document entity is filled by this DTD,
       followed by the conventional HTML data stream.
                                                                                         Tablas
<!-- DTD definitions -->
<!ENTITY % heading "H1|H2|H3|H4|H5|H6" >
                                                                                Formularios
                                                                   32
Berners-Lee and Connolly
<!ENTITY % list "UL|OL|DIR|MENU">
<!ENTITY % literal "XMP|LISTING">
<!ENTITY % headelement
         "TITLE | NEXTID | ISINDEX" >
<!ENTITY % bodyelement
        "P | %heading
        %list | DL | HEADERS | ADDRESS | PRE | BLOCKQUOTE
        | %literal">
<!ENTITY % oldstyle "%headelement | %bodyelement | #PCDATA">
```

W3 www.w3.org/MarkUp/draft-i ×

<!ENTITY % URL "CDATA"

-- The term URL means a CDATA attribute

```
<HTML>
 <TITLE>
 A sample HTML instance
 </TITLE>
<H1>
 An Example of Structure
</H1>
Here's a typical paragraph.
<P>
 <UL>
 <LI>
  Item one has an
  <A NAME="anchor">
   anchor
  </A>
  <LI>
 Here's item two.
 </UL>
</HTML>
```



- 1 HTML+ Discussion Document • 2 - An Overview of HTML+
- · 3 Headers
- 4 Paragraphs and <P>
- 5 Normal Text
- 6 Different Paragraph Styles
- 7 Lists
- 8 Figures
- 9 Tables • 10 - Fill-out Forms and Input fields
- . 11 Literal and Preformatted Text • 12 - Mathematical Equations
- 13 Indexing
- 14 Document declarations
- 15 Dealing with Large Documents
- 16 Acknowledgements • 17 - References
- Appendix I Appendix II
- Appendix III

[Nevt]

Appendix IV

HTML+ Discussion Document - November 8, 1993 - (Generated with WebMaker)

[Top] [Up] [Next] [Previous]

#### 2.1 - Document Structure

An HTML+ document consists of some optional declarations followed by one or more elements from the following:

· Headers

WS Document Structure

- Paragraphs
- Lists
- · Figures
- Tables
- Forms
- · Literal or Preformatted text
- · Mathematical formulae

HTML+ Discussion Document - November 8, 1993

[Top] [Up] [Next] [Previous]

## **Tablas Formularios**

### 8 - Figures

[Top] [Up] [Next] [Previous]

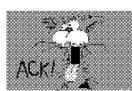
W3 Figures

The FIG element is similar to the IMAGE element, but acts as a paragraph. The ALIGN attribute can be one of LEFT (the default), CENTER, RIGHT OF FLOAT. This determines whether t figure is flush left, centered or flush right. If ALIGN-FLOAT the figure may float to another more convenient location (and possibly zoomed or reduced in the process). A caption can defined with the CAPTION element and followed by text describing the figure for readers using text only displays\*1: <FIG ALIGN=FLOAT SRC="cat.gif">

```
<CAPTION>"Not curried fish again!"<CAPTION>
A cartoon of a scrawny cat with its tongue out saving ACK!
</FIG>
<P>The text in the following paragraphs will flow around the figure
if there is enough room. The browser is free to position the caption at
the top, bottom or sides of the figure.
```

The text in the following paragraphs will flow

which is rendered as:



around the figure if there is enough room. The browser is free to position the caption at the top, bottom or sides of the figure.

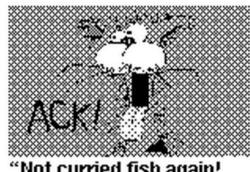
"Not curried fish again!

Note that browsers can only support a limited range of image types. Currently these are GIF and XBM (X bitmap format). This list will evolve over time.

- 8.1 Active Areas
  - 8.2 Placing Hypertext Buttons on Images
  - 8.3 Possible extensions

<FIG ALIGN=FLOAT SRC="cat.gif"> <CAPTION>"Not curried fish again!"<CAPTION> A cartoon of a scrawny cat with its tongue out saying ACK! </FIG><P>The text in the following paragraphs will flow around the figure if there is enough room. The browser is free to position the caption at the top, bottom or sides of the figure.

#### which is rendered as:



"Not curried fish again!

The text in the following paragraphs will flow around the figure if there is enough room. The browser is free to position the caption at the top, bottom or sides of the figure.

## HTML



W3 4.5 Grouping content — HTM X

4.5.11 The figure element

<figcaption>Listing 4. The primary core interface API declaration.</figcaption>

**C** www.w3.org/TR/html5/grouping-content.html#the-figure-element

<code>interface PrimaryCore {

boolean verifyDataLine();

The figure element represents some flow content, optionally with a caption, that is self-contained and is typically referenced as a single unit from the main The element can thus be used to annotate illustrations, diagrams, photos, code listings, etc. that are referred to from the main content of the document, but that could, without affecting the flow of the document, be moved away from that primary content, e.g. to the side of the page, to dedicated pages, or to an The first figure element child of the element, if any, represents the caption of the figure element's contents. If there is no child figure element, then there is no caption. This example shows the figure element to mark up a code listing. In <a href="#14">listing 4</a> we see the primary core interface API declaration. <figure id="14">

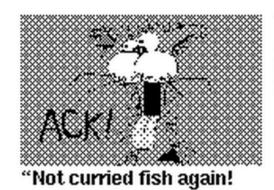
**Q** ☆ 🗀 🌣 🖆

**Q** ☆ 🗀 🌣 🖆

W3 4.5 Grouping content — HTM X

<FIG ALIGN=FLOAT SRC="cat.gif">
<CAPTION>"Not curried fish again!"<CAPTION>
A cartoon of a scrawny cat with its tongue out saying ACK!
</FIG>
<P>The text in the following paragraphs will flow around the figure if there is enough room. The browser is free to position the caption at the top, bottom or sides of the figure.

#### which is rendered as:



The text in the following paragraphs will flow around the figure if there is enough room. The browser is free to position the caption at the top, bottom or sides of the figure. [Top] [Up] [Next] [Previous]

#### 12 - Mathematical Equations

DTD. An experimental browser supporting the MATH element is being developed at CERN.

document, together with the equations as a number of bitmap files\*1. The previous draft of the HTML+ specification described a way of embedding LaTeX equations in HTMI documents. Unfortunately, it now seems too cumbersome to form a practical solution, and has been dropped.

The following is a preliminary proposal for representing equations directly as HTML+ using an SGML-based notation, inspired by the approach taken by LaTeX. It is intended to the majority of users needs, rather than aiming for complete coverage. This makes it practical to use a simplified notation compared with richer notations, e.g. the ISO 12083 Magnetic proposal for the majority of users needs, rather than aiming for complete coverage.

Currently, the best way of including equations in HTML documents is to first write the document in LaTeX and then use the latex2html filter to create the corresponding HTML

Consider the equation:

$$H(s) = \int_{0}^{\infty} e^{-st} h(t) dt$$

This can be represented as:

$$$$

H(s) = ∫(sub>0</sub><sup>∞</sup> e(sup>-st</sup> h(t) dt
</math>

The mathematical symbols are given with their standard ISO entity names sup and sup are used to specify subscripts and superscripts. For integral

The mathematical symbols are given with their standard ISO entity names. SUB and SUP are used to specify subscripts and superscripts. For integral signs and related operators, the subscript/superscript text is centered over the symbol, otherwise it appears to the right as shown in the preceding example. The BOX and OVER elements allow you to define more equations, as in:

$$C\frac{dV_{out}}{dt} = I_b \tanh\left(\frac{\kappa \left(V_{in} - V_{out}\right)}{2}\right)$$

$$H(s) = \int_{0}^{\infty} e^{-st} h(t) dt$$

#### This can be represented as:

W3C Recommendation







#### Mathematical Markup Language (MathML) Version 3.0

#### W3C Recommendation 21 October 2010

#### This version:

http://www.w3.org/TR/2010/REC-MathML3-20101021/

#### Latest MathML 3 version:

http://www.w3.org/TR/MathML3/

#### Latest MathML Recommendation:

#### http://www.w3.org/TR/MathML/

#### Previous version:

http://www.w3.org/TR/2010/PR-MathML3-20100810/

#### Editors:

David Carlisle, NAG

Patrick Ion, Mathematical Reviews, American Mathematical Society Robert Miner, Design Science, Inc.

**Principal Authors:** 

Ron Ausbrooks, Stephen Buswell, David Carlisle, Giorgi Chavchanidze, Stéphane Dalmas, Stan Devitt, Angel Diaz, Sam Dooley, Roger Hunter, Pa Ion, Michael Kohlhase, Azzeddine Lazrek, Paul Libbrecht, Bruce Miller, Robert Miner, Chris Rowley, Murray Sargent, Bruce Smith, Neil Soiffer, Ro Sutor, Stephen Watt

Please refer to the errata for this document, which may include some normative corrections.

```
H\left(s\right) = \int e^{-st} h\left(t\right) dt
This can be represented as:
```

<math>  $H(s) = \int \langle sub \rangle \langle sub \rangle \langle sup \rangle \ll \langle sup \rangle = \langle sup \rangle - st \langle sup \rangle h(t) dt$ 

v 1.0a

Using tables for flexible layout



This example shows how you can use tables to layout text and images in a flexible way, in this case to place multiple text lines next to an image.

Vanilla
Strawberry
Rocky Road

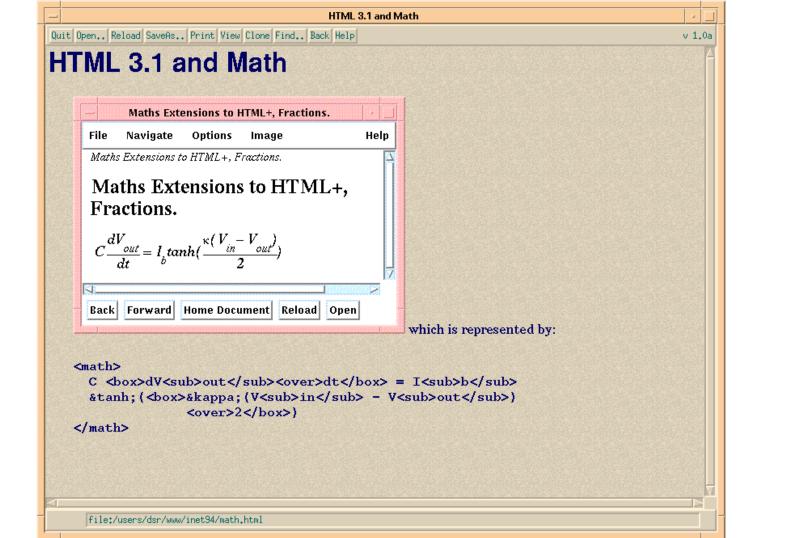
Double cone?



Tables can be squeezed to fit into the current window size up to some minimum width depending on cell contents:

#### **Address Book**

Name	Telephone	Address	Comments
Dave Raggett		Hawkesbury Upton nr. Badminton AVON GL9 1BL	Dave lives in a detached house in a 4 year old cul-de-sac in the village of Hawkesbury Upton. The village lies on the uphill edge of the cotswold escarpement and is well known for the nearby monument to a general who fought in the battle of Waterloo



## Octubre 1994





W3 HTML 2.0 Materials

#### HTML 2.0 Materials

The HTML 2.0 specification RFC 1866, is a product of the HTML Working Group of the IETF, edited by Dan Connolly.

#### RFC 1866. Proposed Standard

information.

Network Working Group

Request for Comments: 1866

"HyperText Markup Language Specification -- 2.0",

T. Berners-Lee and D. Connolly, November 1995.

Abstract

HTML has been in use by the World Wide Web (WWW) global information initiative since 1990. This specification roughly corresponds to the capabilities of HTML in co use prior to June 1994. HTML is an application of ISO Standard 8879:1986 Information Processing Text and Office Systems; Standard Generalized Markup Language (Standard Standard Standa

T. Berners-Lee

MIT/W3C

The Hypertext Markup Language (HTML) is a simple markup language used to create hypertext documents that are platform independent. HTML documents are SGML documents with generic semantics that are appropriate for representing information from a wide range of domains. HTML markup can represent hypertext news, mail, documentation, and hypermedia; menus of options; database query results; simple structured documents with in-lined graphics; and hypertext views of existing bodies of

The 'text/html' Internet Media Type (RFC 1590) and MIME Content Type (RFC 1521) is defined by this specification.

Category: Standards Track D. Connolly November 1995

The published RFC is the same in content as the September 22 draft, which is available here in several formats:

- Hypertext Markup Language 2.0 (HTML hypertext)
- postscript, (not A4 paper any more.) · crin!d noctcorint

Network Working Group Request for Comments: 1866 Category: Standards Track

Hypertext Markup Language - 2.0

T. Berners-Lee

MTT/W3C

D. Connolly November 1995

Status of this Memo

http://ftp.ics.uci.edu/pub/iel ×

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Abstract

The Hypertext Markup Language (HTML) is a simple markup language used to create hypertext documents that are platform independent. HTML documents are SGML documents with generic semantics that are appropriate for representing information from a wide range of domains. HTML markup can represent hypertext news, mail, documentation, and hypermedia; menus of options; database query results; simple structured documents with in-lined graphics; and hypertext views of existing bodies of information.

HTML has been in use by the World Wide Web (WWW) global information initiative since 1990. This specification roughly corresponds to the capabilities of HTML in common use prior to June 1994. HTML is an

Request for Comments: 1866 Category: Standards Track

Network Working Group

D. Connolly November 1995

T. Berners-Lee

MIT/W3C

#### Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Hypertext Markup Language - 2.0

#### Abstract

The Hypertext Markup Language (HTML) is a simple markup language used to create hypertext documents that are platform independent. HTML documents are SGML documents with generic semantics that are appropriate for representing information from a wide range of domains. HTML markup can represent hypertext news, mail, documentation, and hypermedia; menus of options; database query results; simple structured documents with in-lined graphics; and

hypertext views of existing bodies of information.

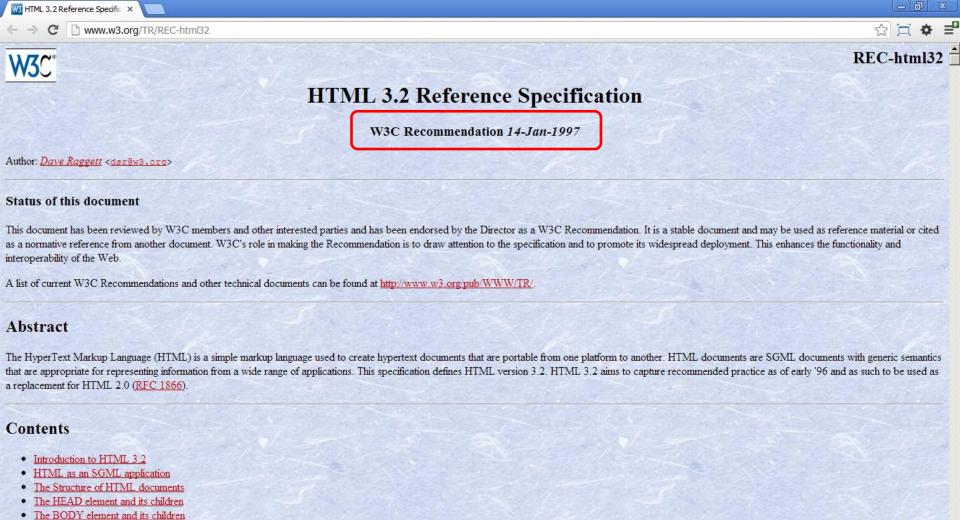
HTML has been in use by the World Wide Web (WWW) global information initiative since 1990. This specification roughly corresponds to the capabilities of HTML in common use prior to June 1994. HTML is an application of ISO Standard 8879:1986 Information Processing Text and Office Systems; Standard Generalized Markup Language (SGML).

## Microsoft®



## <br/>blink>

# <br/>blink> <marquee>



Sample SGML Open Catalog for HTML 3.2



#### HTML 4.01 Specification

W3C Recommendation 24 December 1999

#### This version:

http://www.w3.org/TR/1999/REC-html401-19991224

(plain text [794Kb], gzip'ed tar archive of HTML files [371Kb], a .zip archive of HTML files [405Kb], gzip'ed Postscript file [746Kb, 389 pages], gzip'ed PDF file [963Kb])

#### Latest version of HTML 4.01:

http://www.w3.org/TR/html401

#### Latest version of HTML 4:

http://www.w3.org/TR/html4

#### Latest version of HTML:

http://www.w3.org/TR/html

#### Previous version of HTML 4.01:

http://www.w3.org/TR/1999/PR-html40-19990824

#### **Previous HTML 4 Recommendation:**

http://www.w3.org/TR/1998/REC-html40-19980424

#### **Editors:**

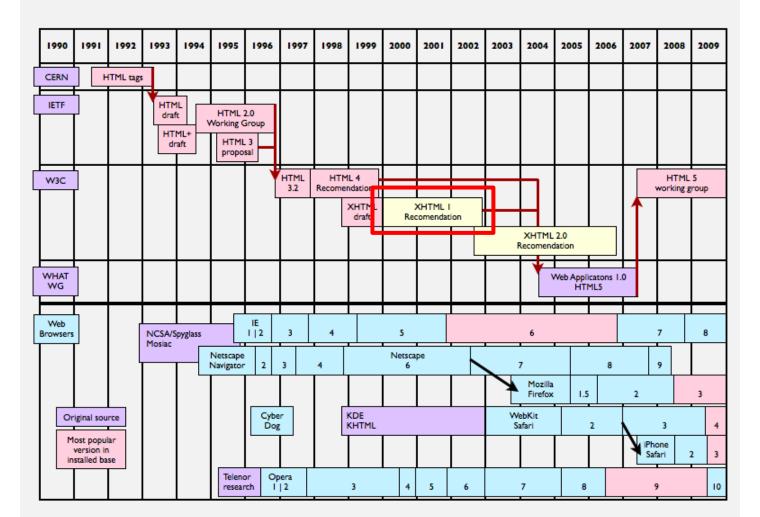
<u>Dave Raggett</u> <<u>dsr@w3.org</u>> Arnaud Le Hors, W3C Ian Jacobs, W3C

Copyright ©1997-1999 W3C® (MIT, INRIA, Keio), All Rights Reserved. W3C liability, trademark, document use and software licensing rules apply.

¿Qué pasó a continuación?



# 



### XHML 1.0 = HTML 4.01



#### XHTML™ 1.0 The Extensible HyperText Markup Language (Second Edition)

A Reformulation of HTML 4 in XML 1.0

W3C Recommendation 26 January 2000, revised 1 August 2002

This version:

http://www.w3.org/TR/2002/REC-xhtml1-20020801

Latest version:

http://www.w3.org/TR/xhtml1

Previous version:

http://www.w3.org/TR/2000/REC-xhtml1-20000126

**Diff-marked version:** 

http://www.w3.org/TR/2002/REC-xhtml1-20020801/xhtml1-diff.html

Authors:

See acknowledgments.

Please refer to the errata for this document, which may include some normative corrections. See also translations.

This document is also available in these non-normative formats: Multi-part XHTML file, PostScript version, PDF version, ZIP archive, and Gzip'd TAR archive.

Copyright ©2002 W3C® (MIT, INRIA, Keio), All Rights Reserved. W3C liability, trademark, document use and software licensing rules apply.

#### **Abstract**

This specification defines the Second Edition of XHTML 1.0, a reformulation of HTML 4 as an XML 1.0 application, and three DTDs corresponding to the ones defined by HTML 4. The semantics of the elements and their attributes are defined in the W3C Recommendation for HTML 4. These semantics provide the foundation for future extensibility of XHTML. Compatibility with existing HTML user agents is possible by following a small set of guidelines.

₫ 150% 🕶







www.whatwg.org





#### HTML

Read, use, or implement the HTML Living Standard

#### Wiki

Poke at our wiki pages and see what you unearth

## Opera

Med Devellion

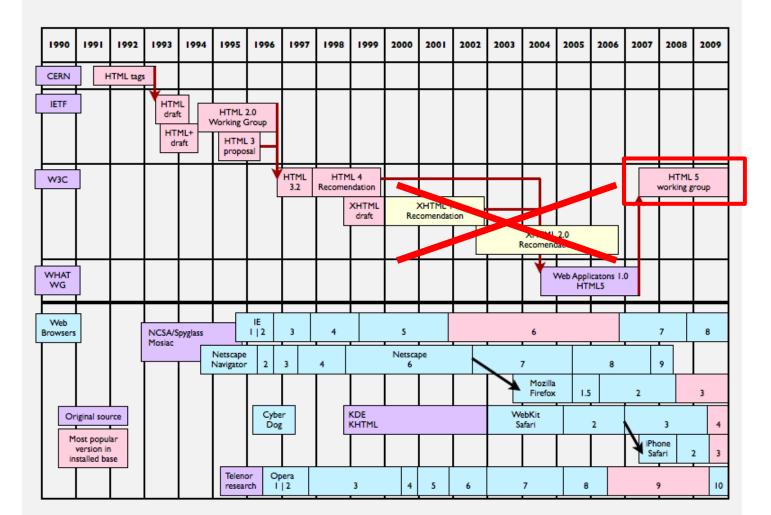
Send questions and help others in the help@whatwq.org mailing list

#### Join

Comment on the HTML standard and send proposals of your own

#### **Forums**

Talk with Web designers about how to write HTML



## HTML



### Introducción al desarrollo web http://idesweb.es/



#### The Web is Reborn

http://www.technologyreview.com/featuredstory/421418/the-web-is-reborn/











#### HTML5

A vocabulary and associated APIs for HTML and XHTML

W3C Candidate Recommendation 17 December 2012

#### This Version:

http://www.w3.org/TR/2012/CR-html5-20121217/

Latest Published Version:

http://www.w3.org/TR/html5/ Latest Editor's Draft:

http://www.w3.org/html/wg/drafts/html/CR/

Previous Versions: http://www.w3.org/TR/2012/WD-html5-20121025/

http://www.w3.org/TR/2012/WD-html5-20120329/ http://www.w3.org/TR/2011/WD-html5-20110525/

http://www.w3.org/TR/2011/WD-html5-20110405/ http://www.w3.org/TR/2011/WD-html5-20110113/

http://www.w3.org/TR/2010/WD-html5-20101019/ http://www.w3.org/TR/2010/WD-html5-20100624/ http://www.w3.org/TR/2010/WD-html5-20100304/

http://www.w3.org/TR/2009/WD-html5-20090825/ http://www.w3.org/TR/2009/WD-html5-20090423/ http://www.w3.org/TR/2009/WD-html5-20090212/

http://www.w3.org/TR/2008/WD-html5-20080610/

Draft

Editor's



#### HTML 5.1 Nightly

A vocabulary and associated APIs for HTML and XHTML

Editor's Draft 20 January 2013

Latest Published Version:

http://www.w3.org/TR/html51/ Latest Editor's Draft:

http://dev.w3.org/html5/spec/Overview.html

Previous Versions: http://www.w3.org/TR/2012/WD-html5-20121217/ http://www.w3.org/TR/2012/WD-html5-20121025/ http://www.w3.org/TR/2012/WD-html5-20120329/ http://www.w3.org/TR/2011/WD-html5-20110525/ http://www.w3.org/TR/2011/WD-html5-20110405/ http://www.w3.org/TR/2011/WD-html5-20110113/ http://www.w3.org/TR/2010/WD-html5-20101019/ http://www.w3.org/TR/2010/WD-html5-20100624/ http://www.w3.org/TR/2010/WD-html5-20100304/ http://www.w3.org/TR/2009/WD-html5-20090825/ http://www.w3.org/TR/2009/WD-html5-20090423/

http://www.w3.org/TR/2009/WD-html5-20090212/

http://www.w3.org/TR/2008/WD-html5-20080610/

http://www.w3.org/TR/2008/WD-html5-20080122/

#### Plan 2014

×

#### Introduction

The HTML Working Group has made much progress on HTML5 and related specifications. The HTML Working Group Chairs and the Protocols and Formats WG Chair have been asked by the W3C Team to provide a credible plan to get HTML5 to Recommendation status by 2014. Challenges remain in achieving this goal. We sought to produce a plan that achieves this date and that has minimal risk of delays from unexpected events.

We'd like to now propose our draft plan to the HTML Working Group for consideration. Here are the key points of our plan:

- Revise the draft HTML WG charter to indicate an HTML 5.0 Recommendation in 201404 and an HTML 5.1 Recommendation in 2016Q4.
- Use Candidate Recommendation exit criteria to focus testing where it is advisable (e.g. new features), without wasting time on testing where it is inappropriate (such as when interoperability is already proven on the Web)
- Use modularity to manage the size and complexity of the specifications while reducing social conflict within a constrained timeline:
  - Gain agreement that the remaining open issues can proceed via extension specifications at first. Provide an opportunity to merge extension specifications back into the baseline spec upon getting WG consensus and after the extension specifications meet their Candidate Recommendation exit criteria.
  - Welcome the option of extension specifications that don't merge back at all and instead proceed at different paces and possibly even with different Candidate Recommendation exit criteria.

We invite the HTML WG, the Accessibility Task Force and the PF WG to review this plan with an open mind and provide feedback.

## HTML 5.0 $\rightarrow$ 2014 HTML 5.1 $\rightarrow$ 2016

### Introducción al desarrollo web http://idesweb.es/

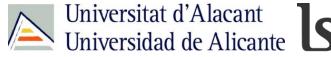
#### Para leer más

- W3C: The Basics of HTML The History of HTML:
  - http://www.w3.org/wiki/The basics of HTML#The history of HTML
- WHATWG HTML: 1.6 History:
  - http://www.whatwg.org/specs/web-apps/currentwork/multipage/introduction.html#history-1



### idw@idesweb.es @idesweb

#### Introducción al desarrollo web http://idesweb.es/





### Créditos de las imágenes y fotografías

http://www.flickr.com/photos/campuspartybrasil/5367149291/

http://www.amazon.com/Raggett-HTML-Edition-Developers-Press/dp/0201178052

https://espace.cern.ch/WLCG-document-repository/images1/Forms/DispForm.aspx?ID=80

http://dev.xguru.net/html5/src/html5timeline.png

http://www.w3.org/html/logo/

http://en.wikipedia.org/wiki/File:Arena table2.gif

http://en.wikipedia.org/wiki/File:Arena table3.gif

http://commons.wikimedia.org/wiki/File:W3C Icon.svg

http://en.wikipedia.org/wiki/File:Netscape logo.svg

http://commons.wikimedia.org/wiki/File:Microsoft wordmark.svg