

HTML Fundamentals

WORKING WITH HTML DOCUMENTS



Matt Milner

SOFTWARE DEVELOPER

@milnertweet mattmilner.com



Overview



Understanding HTML

How browsers use HTML

Dissecting an HTML document



HTML Has Aged Well

HTML Then

Research documents

Sharing reports

Linking to related research

Displaying experimental data

Charts, graphs, and simple pictures

HTML Now

Storefronts, applications, files/photos

Interactive interfaces

Graphically rich



HTML Has Aged Well

HTML Then

[\[Docs\]](#) [\[txt\]](#) [\[pdf\]](#) [\[draft-ietf-uri-url\]](#) [\[Tracker\]](#) [\[Diff1\]](#) [\[Diff2\]](#) [\[Errata\]](#)

Obsoleted by: [4248](#), [4266](#)

Updated by: [1808](#), [2368](#), [2396](#), [3986](#), [6196](#), [6270](#),
[8089](#)

Network Working Group

Request for Comments: 1738

Category: Standards Track

PROPOSED STANDARD

Errata Exist

T. Berners-Lee

CERN

L. Masinter

Xerox Corporation

M. McCahill

University of Minnesota

Editors

December 1994

Uniform Resource Locators (URL)

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.

Abstract

This document specifies a Uniform Resource Locator (URL), the syntax and semantics of formalized information for location and access of resources via the Internet.

1. Introduction

HTML Now



What can we help you find?

SEARCH

[CLOTHING](#) [FOOTWEAR](#) [EQUIPMENT](#) [BAGS & TRAVEL](#) [TRAIL REVIEWS](#)

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[Log Out](#)

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HTML Documents



HTML is a markup language

Text in the document is “marked up”

Markup is not displayed

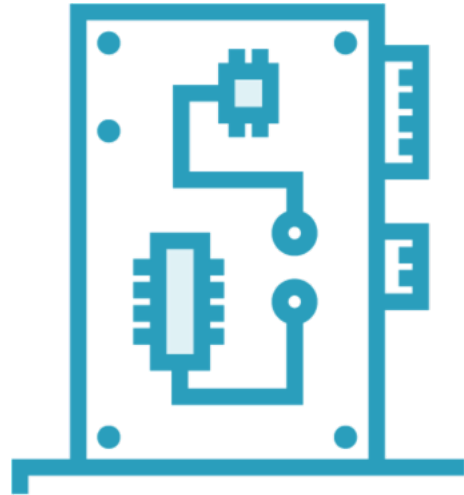
Browsers interpret the markup



Understanding HTML



Hypertext
Markup
Language



Hypertext
Transport
Protocol



Universal
Resource
Identifier



Universal
Resource
Locator



```
<!DOCTYPE HTML>
```

```
<!DOCTYPE HTML PUBLIC
```

```
"-//W3C//DTD HTML 4.01//EN"
```

```
"http://www.w3.org/TR/html4/strict.dtd">
```

HTML Documents: Part 1

The **DOCTYPE** indicates the standards compliance or version of the document



```
<!DOCTYPE html>
```

```
<html>
```

```
    ... page content here...
```

```
</html>
```

HTML Documents: Part 2

The **HTML** element acts as the root of the document




```
<head>  
  <title>HTML Fundamentals</title>  
  <meta name="viewport" content="width=device-width,  
    initial-scale=1">  
  <link rel="stylesheet" type="text/css" href="main.css" />  
</head>
```

HTML Documents: Part 3

The **HEAD** element contains document metadata



```
<html>  
  <head> </head>  
  <body>  
    ... page content ACTUALLY goes here ...  
  </body>  
</html>
```

HTML Documents: Part 4

The **BODY** contains the content to be displayed



<head>

<title>

<meta>

<script>

<style>

<link>

<base>



<body>

Text

Lists

Links

Tables

Images



Summary



HTML was created to share content

HTML is interpreted by browsers

HTML and HTTP support the web

HTML documents are structured data

