

HTML



History

- 1997: HTML 4.0
- 2000: XHTML 1.0
- 2001: XHTML 1.1
- 2004: WHATWG
- 2008: HTML5 working draft W3C
- 2009: XHTML 2.0 Dropped
- 2014: HTML5 W3C standard

History



- W3C: World Wide Web Consortium
 - Works on a snapshot of HTML5 living standard
- WHATWG: Web Hypertext Application Technology Working Group
 - Apple, Mozilla, Opera
 - Works on HTML



Removed

- <acronym>
- <applet>
- <basefont>
- <big>
- <center>
- <dir>
-
- <frame>
- <frameset>
- <noframes>
- <strike>
- <tt>

What's New

- Semantic elements
- Form input types
- `<audio>` and `<video>`
- `<canvas>`

DOCTYPE

- HTML5:

```
<!DOCTYPE html>
```

- HTML4:

- Strict:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "  
http://www.w3.org/TR/html4/strict.dtd">
```

- Transitional:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "  
http://www.w3.org/TR/html4/loose.dtd">
```

- Frameset:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Frameset//EN" "  
http://www.w3.org/TR/html4/frameset.dtd ">
```

Semantic Elements

- `<section>`
- `<article>`
- `<header>`
- `<nav>`
- `<footer>`
- `<aside>`
- `<source>`
- `<time>`
- `<data>`
- `<figure>`, `<figcaption>`
- `<mark>`
- `<progress>`
- `<meter>`
- `<main>`

Form Inputs

- Placeholder
- Autofocus
- Url
- Email
- Range
- Time
- Number
- Color
- Patterns

Video & Audio

- controls
- autoplay
- loop
- preload
 - none
 - auto
 - metadata

Modernizr

A JavaScript library that detects HTML5 and CSS3 features in the user's browser.

More info

- w3.org
- whatwg.org
- Dive into HTML5
 - Mark Pilgram
- developer.mozilla.org
- caniuse.com
- modernizr.com/