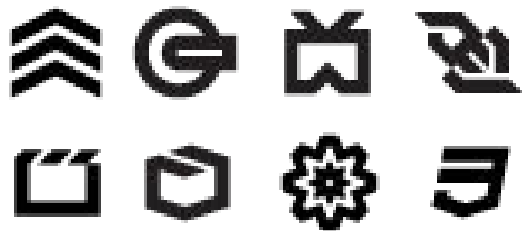


HTML



# HTML5: Nuevas etiquetas semánticas



Juan Eladio Sánchez Rosas



# HTML



Semantics

# Objetivo



# Objetivo de la sesión

- Presentar y describir las nuevas etiquetas del estándar HTML5
  - Citar los antecedentes que derivaron su creación
  - Citar las etiquetas semánticas nuevas de HTML5
  - Demostrar su uso a través de código para una aplicación

# HTML



Semantics

# Antecedentes



# HTML 4 / XHTML 1

- Ambos son estándares para declarar estructura de un sitio web
- XHTML es una versión de HTML compatible con XML, un lenguaje de marcado más genérico y ordenado
- Creados hace más de diez años



# Estructura de Etiquetas

**<elemento** atributo1="valor1">

Contenido

**</elemento>**

# Propuesta teórica ...

- W3C esperaba que el siguiente lenguaje web sería XHTML 2
  - Redefinía muchas características de la anterior versión
  - Era más un intento académico que técnico



Quick links: [HTML 4](#), [XHTML 1.0](#), [1.1](#), [Basic](#), [M12N](#), [Print \(PR\)](#), [2.0 \(WD\)](#)

## XHTML2 Working Group Home Page

This was the W3C's home page for the XHTML2 Working Group, which was [chartered](#) in March 2007 (see [news](#)) until December 2010. Please also see the home page for the [HTML Working Group](#).

[news](#) | [specifications](#) | [public drafts](#) | [issues](#) | [test suites](#) | [tutorials](#) | [slides](#) | [guidelines](#) | [validation](#) | [articles](#) | [translations](#) | [charter](#) | [participants](#) | [join](#) | [roadmap](#) | [wiki](#) | [XForms](#) | [forums](#) | [HTML Tidy](#) | [related work](#) | [HTML 4.0/3.2/2.0](#) | [historical](#) | [patent policy status](#)

This Working Group is now closed. For further ongoing work related to XHTML, see the [XHTML syntax](#) section of the [HTML5 specification](#).

## Mission of the XHTML2 Working Group

The mission of the XHTML2 Working Group is to fulfill the promise of XML for applying XHTML to a wide variety of platforms with proper attention paid to internationalization, accessibility, device-independence, usability and document structuring. The group will provide an essential piece for supporting rich Web content that combines XHTML with other



# ... vs Realidad

- Un grupo independiente observó las necesidades actuales de los desarrolladores
  - Construyó las bases de lo que hoy llamamos HTML5
  - Provocó la cancelación de XHTML 2



**Welcome to the WHATWG community**

*Maintaining and evolving HTML since 2004*

## **HTML**

Read, use, or implement  
the HTML Living Standard

## **News**

Read and contribute  
to the WHATWG blog



# HTML



Semantics

# ¿Qué son las nuevas etiquetas de HTML5?



# Etiquetas de HTML

- Los elementos, atributos y valores de atributos tienen un significado.

``



# Nuevas etiquetas

- HTML5 define nuevos elementos y atributos

Mejora la semántica de un documento

¿...?

# HTML











Semantics

# Código

# Nuevas (y viejas) etiquetas HTML5





- Periodic Table of the Elements

Periodic Table of the Elements - Josh Duck

   f1  http://joshduck.com/periodic-table.html   Google   Opinión

HTML5 Elements

The table below shows the 104 elements currently in the **HTML5 working draft** and two proposed elements (marked with an asterisk).

 Share this   

How are they used?

http://

Some suggestions: reddit.com, news.ycombinator.com, youtube.com, google.com, yahoo.com, wired.com, bbc.co.uk, en.wikipedia.org, w3.org, alistapart.com, joshduck.com

Periodic Table of the Elements

html																	col	table					
head	span															fieldset	form	body	h1	section	colgroup	tr	
title	a															pre	meter	select	aside	h2	header	caption	td
meta	rt	dfn	em	i	small	ins	hr	br	div	blockquote	legend	optgroup	address	h3	nav	menu	th						
base	rp	abbr	time	b	strong	del	s	p	ol	dl	label	option	datalist	h4	article	command	tbody						
link	noscript	q	var	sub	mark	kbd	wbr	figcaption	ul	dt	input	output	keygen	h5	footer	summary	thead						
style	script	cite	samp	sup	ruby	bdo	code	figure	li	dd	textarea	button	progress	h6	hgroup	details	tfoot						



# Clasificación de etiquetas

- Elemento raíz
- Metadatos e inclusión de scripts

<!DOCTYPE HTML>  
<html>

The screenshot shows the 'Meta' tab of a web page's metadata. The title is 'design @ IBM developerWorks:'. The URL is 'https://www.ibm.com/developerworks/mydeveloperworks/blogs/bobleah/?la...'. The type is 'text/html', the mode is 'Modo de compatibilidad con los estándares', the encoding is 'UTF-8', the size is '22.26 KB (22790 bytes)', the URL of origin is 'https://www.ibm.com/developerworks/mydeveloperworks/blogs/bobleah/en...', and it was modified on 'sáb 26 feb 2011 22:57:07 PET'. Below this, there is a section for 'Meta (21 etiquetas)' with a table of meta tags.

Nombre	Contenido
description	Follow Bob Leah, user experience architect, developerWorks chief de
keywords	html5 css3 css design javascript
author	bobleah
gwt:property	locale=en
google-site-verification	pcx3zzQ5vdTMqugLWjODF6mB2ZQ26dnwmlaXK6NUaF0
robots	index,follow



# Elemento raiz, metadatos y scripts

`<html manifest="archivo">`

`<head>`

`<title>`

`<meta charset="UTF-8">`

`<base>`

`<link sizes="any">`

`<style type="text/css" ..>`

`<script type="text/javascript" ..>`

`<noscript>`

- No hay nuevos elementos
- PERO SI optimizaciones en atributos

- Semántica a nivel de texto



helping you implement HTML5 today

[Home](#)[About](#)[Article Archive](#)[Ask the doctor](#)[Contact](#)[Glossary](#)[Speaking](#)[RSS](#)[Comments RSS](#)

## The figure & figcaption elements

In traditional printed material like books and magazines, an image, chart, or code example would be accompanied by a caption. Before now, we didn't have a way of semantically marking up this sort of content directly in our HTML, instead resorting to CSS class names. HTML5 hopes to solve that problem by introducing the `<figure>` and `<figcaption>` elements. Let's explore!



### The `<figure>` element

The `<figure>` element is intended to be used in conjunction with the `<figcaption>` element to mark up diagrams, illustrations, photos, and code examples (among other things). The spec says this about `<figure>`:

*"The figure element represents a unit of content, optionally with a caption, that is self-contained, that is typically referenced as a single unit from the main flow of the document, and that can be moved away from the main flow of the document without affecting the document's meaning."*

[W3C Specification](#)

### The `<figcaption>` element

The `<figcaption>` element has been the [subject of much debate](#). The spec initially wanted to repurpose `<legend>` rather than introduce a new element. Other suggestions included `<label>`, `<caption>`, `<p>` or the `<h1>`–`<h6>` elements. `<legend>` was changed, so we then used a combination of `<dt>` and `<dd>` inside `<figure>` at [Jeremy's](#) suggestion. Most of these suggestions failed since there was no backwards compatibility

[GO](#)

**INTRODUCING  
HTML5**  
By Bruce Lawson and Remy Sharp

Built a  
site with  
HTML5?



Submit it & view more at  
[HTML5Gallery.com](#)

## Recent Articles

[Your Questions #16](#)

[HTML5 for Web Developers](#)

[HTML as a Living Standard — For and Against](#)



- Fechas

`<time>2009-07-13</time>`

`<time datetime="2011-03-05T09:30-05:00">9:30  
comenzamos</time>`



# Semántica a nivel de texto

- Cambios de línea

Este es un cambio de línea<br>obligatorio.

Este es un cambio de línea <wbr>de acuerdo al ancho de la pantalla.

# Semántica a nivel de texto

- Texto resaltado

Mozilla Campus Day lleva **<mark>**tecnologías web de vanguardia a estudiantes**</mark>** de universidades e institutos.

Mozilla Campus Day lleva tecnologías web de vanguardia a estudiantes de universidades e institutos.

- Agrupamiento de contenido

## <html>5doctor

helping you implement HTML5 today

[Home](#)[About](#)[Article Archive](#)[Ask the doctor](#)[Contact](#)[Glossary](#)[Speaking](#)[RSS](#)[Comments RSS](#)

### The figure & figcaption elements

In traditional printed material like books and magazines, an image, chart, or code example would be accompanied by a caption. Before now, we didn't have a way of semantically marking up this sort of content directly in our HTML, instead resorting to CSS class names. HTML5 hopes to solve that problem by introducing the `<figure>` and `<figcaption>` elements. Let's explore!



#### The `<figure>` element

The `<figure>` element is intended to be used in conjunction with the `<figcaption>` element to mark up diagrams, illustrations, photos, and code examples (among other things). The spec says this about `<figure>`:

*"The figure element represents a unit of content, optionally with a caption, that is self-contained, that is typically referenced as a single unit from the main flow of the document, and that can be moved away from the main flow of the document without affecting the document's meaning."*

[W3C Specification](#)

#### The `<figcaption>` element

The `<figcaption>` element has been the [subject of much debate](#). The spec initially wanted to repurpose `<legend>` rather than introduce a new element. Other suggestions included `<label>`, `<caption>`, `<p>` or the `<h1>`–`<h6>` elements. `<legend>` was changed, so we then used a combination of `<dt>` and `<dd>` inside `<figure>` at [Jeremy's](#) suggestion. Most of these suggestions failed since there was no backwards compatibility

[GO](#)

**INTRODUCING  
HTML5**  
By Bruce Lawson and Remy Sharp

Built a  
site with  
HTML5?



Submit it & view more at  
[HTML5Gallery.com](#)

#### Recent Articles

[Your Questions #16](#)

[HTML5 for Web Developers](#)

[HTML as a Living Standard — For and Against](#)

# Agrupamiento de contenido

- Unidades de contenido

**<figure>**

``

``

``

**<figcaption>**Logotipos de tres programas desarrollados por Mozilla: Firefox, Thunderbird y Sunbird**</figcaption>**

**</figure>**




Logotipos de tres programas desarrollados por Mozilla: Firefox, Thunderbird y Sunbird



# Clasificación de etiquetas

- Formularios

**w3schools.com**

TRANSLATE

Search w3schools.com Search

HOME HTML CSS XML JAVASCRIPT ASP PHP SQL MORE... REFERENCES | EXAMPLES | FORUM | ABOUT

~~\$11.45/mo~~  
**\$0.95**  
/month

Do you Like this deal?


Unlimited Hosting Package:

- Unlimited Disk Space & MySQL, PHP Support
- Unique IP & much more...

doteasy

### Hosted Private Clouds vs. In-House Virtualization

A Total Cost of Ownership Analysis



DOWNLOAD

**GUGRID**

## HTML5 Tutorial

- HTML5 Home
- HTML5 Introduction
- HTML5 New Elements
- HTML5 Video
- HTML5 Audio
- HTML5 Canvas
- HTML5 Web Storage

## HTML5 Forms

- HTML5 Input Types**
- HTML5 Form Elements
- HTML5 Form Attributes

## HTML5 Reference

- HTML5 Tags
- HTML5 Attributes
- HTML5 Events

## HTML5 Tags

```
<!-->
<!DOCTYPE>
<a>
<abbr>
<acronym>
<address>
<applet>
```

## HTML5 Input Types

[<< Previous](#)[Next Chapter >>](#)

### HTML5 New Input Types

HTML5 has several new input types for forms. These new features allow for better input control and validation.

This chapter covers the new input types:

- email
- url
- number
- range
- Date pickers (date, month, week, time, datetime, datetime-local)
- search
- color

### Browser Support

Input type	IE	Firefox	Opera	Chrome	Safari
email	No	No	9.0	No	No
url	No	No	9.0	No	No
number	No	No	9.0	7.0	No

#### WEB HOSTING

- Best Web Hosting
- PHP MySQL Hosting
- Top 10 Web Hosting
- UK Reseller Hosting
- Cloud Hosting
- Top Web Hosting
- \$6.93 Domain w/ Extras

#### WEB BUILDING

- XML Editor - Free Trial!
- FREE Flash Website
- Free Website Templates
- Free WordPress Themes

#### W3SCHOOLS EXAMS

Get Certified in:  
HTML, CSS, JavaScript,  
XML, PHP, and ASP

#### W3SCHOOLS BOOKS

New Books:  
HTML, CSS  
JavaScript, and Ajax



# Formularios: nuevos elementos

- Lista de datos

Hamburguesa:

Bembos  
Mc Donalds  
Burger King  
Tío Bigote

```
<input list="hamburguesas" />  
<datalist id="hamburguesas">  
  <option value="Bembos">  
  <option value="Mc Donalds">  
  <option value="Burger King">  
  <option value="Tío Bigote">  
</datalist>
```



# Formularios: nuevos elementos

- Generación de llaves públicas y privadas entre servidor y navegador

`<keygen name="seguridad" />`





# Formularios: nuevos elementos

- Salida de ejecución de un script

```
<output id="result"  
onforminput="resultadoCalculo()"></output>
```



# Formularios: nuevos atributos

- Formularios
  - autocomplete
  - novalidate

```
<form action="demo.php" method="get"  
autocomplete="on" novalidate="novalidate">  
  <input type="text" name="nombre" /><br />  
  <input type="text" name="apellido" /><br />  
  <input type="email" name="email"  
autocomplete="off" />
```



# Formularios: nuevos atributos

- Entrada de datos (input)
  - autocomplete
  - autofocus

```
<form action="demo.php" method="get">
```

```
  <input type="text" name="nombre"  
autocomplete="on" /><br />
```

```
  <input type="text" name="apellido" /><br />
```

```
  <input type="email" name="email"  
autofocus="autofocus" />
```



# Formularios: nuevos atributos

- Entrada de datos (input)
  - form
  - Sobreescritura de form
    - formaction
    - formenctype
    - formmethod
    - formnovalidate
    - formtarget



# Formularios: nuevos atributos

- Entrada de datos (input)
  - height / width (asociado a imágenes)
  - list (asociado a datalist)



# Formularios: nuevos atributos

- Entrada de datos (input)
  - min, max, step (asociados a números y fechas)
  - multiple (seleccionar múltiples elementos)

# Formularios: nuevos atributos

- Entrada de datos (input)
  - pattern (regexp)
  - placeholder
  - required

Datos personales

Correo Electrónico:

Sitio web (opcional):

Nombres:

Enviar

Por favor, rellene este campo.



# Formularios: tipos de entradas

- Tipos
  - email
  - url

```
<input type="email"
name="usuario_email" />
```

```
<input type="url"
name="usuario_web" />
```





# Formularios: tipos de entradas

- Tipos
  - number
  - range

```
<input type="number" min="1" max="10"  
name="puntos" />
```

```
<input type="range" min="1" max="10"  
name="puntos2" />
```

Número:

Rango:

# Formularios: tipos de entradas

- Tipos: Date Pickers (Selectores de fecha)
  - date
  - month
  - week
  - time
  - datetime
  - datetime-local

2009-W52 Go

December 2009

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
49	30	1	2	3	4	5	6
50	7	8	9	10	11	12	13
51	14	15	16	17	18	19	20
52	21	22	23	24	25	26	27
53	28	29	30	31	1	2	3
1	4	5	6	7	8	9	10

Today None

16:20 UTC Go

December 2009

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
49	30	1	2	3	4	5	6
50	7	8	9	10	11	12	13
51	14	15	16	17	18	19	20
52	21	22	23	24	25	26	27
53	28	29	30	31	1	2	3
1	4	5	6	7	8	9	10

Today None

```
<input type="date" name="fecha_viaje" />
```



# Formularios: tipos de entradas

- Tipos:
  - search

```
<input type="search" name="palabra_clave" />
```



# Formularios: tipos de entradas

- Tipos:
  - color

```
<input type="color" name="color_fondo" />
```



# Clasificación de etiquetas

- Secciones de documento

The screenshot shows the Modernizr website with a blue header containing the HTML5 logo and the title 'Clasificación de etiquetas'. The website itself has a white header with the Modernizr logo and navigation links: Home, News, Docs, and Sites. The main content area is divided into several sections:

- Latest release:** A pink badge with '1.7' indicates the current version. The text below states: 'FEBRUARY 20: Version 1.7 nerfs the WebGL/Chrome9 issue, Opera color input fix, faster (no release notes yet)'.
- What is Modernizr?** A paragraph explains that Modernizr adds classes to the <html> element to target specific browser functionality in a stylesheet, without the need for JavaScript.
- Modernizr detects support for:** A dark grey box lists various features with green checkmarks, including: @font-face, Canvas, Canvas Text, HTML5 Audio, HTML5 Video, rgba(), hsla(), border-image, border-radius, box-shadow, text-shadow, opacity, Multiple backgrounds, Flexible Box Model, CSS Animations, CSS Columns, CSS Gradients, CSS Reflections, CSS 2D Transforms, CSS 3D Transforms, CSS Transitions, Geolocation API, localStorage, sessionStorage, SVG, SMIL, SVG Clipping, Inline SVG, Drag and Drop, hashchange, X-window Messaging, History Management, applicationCache, Touch events, Web Sockets, Web Workers, Web SQL Database, WebGL, IndexedDB, Input Types, and Input Attributes.
- Modernizr on Twitter** A section with a Twitter logo and RSS icon, containing a tweet about the 'Stacking Order of Multiple Backgrounds' and a link to a CSS-Tricks article.

At the bottom left, a code block shows CSS snippets for multiple backgrounds:

```
.multiplebgs div p {  
  /* properties for browsers that  
    support multiple backgrounds */  
}  
  
.no-multiplebgs div p {  
  /* optional fallback properties  
    for browsers that don't */  
}
```

# Secciones de documento

- Cabeceras y navegación

**<header>**

**<hgroup>**

**<h1>**Título de página**</h1>**

**<h2>**Subtítulo**</h2>**

**</hgroup>**

**</header>**

**<nav>**

**<ul>**Opción de navegación ... **</ul>**

**</nav>**

**<header>**

**<nav>**

- Secciones y artículos

**<section>**

**<article>**

**<header>****<h1>**Título de artículo**</h1>**

**</header>**

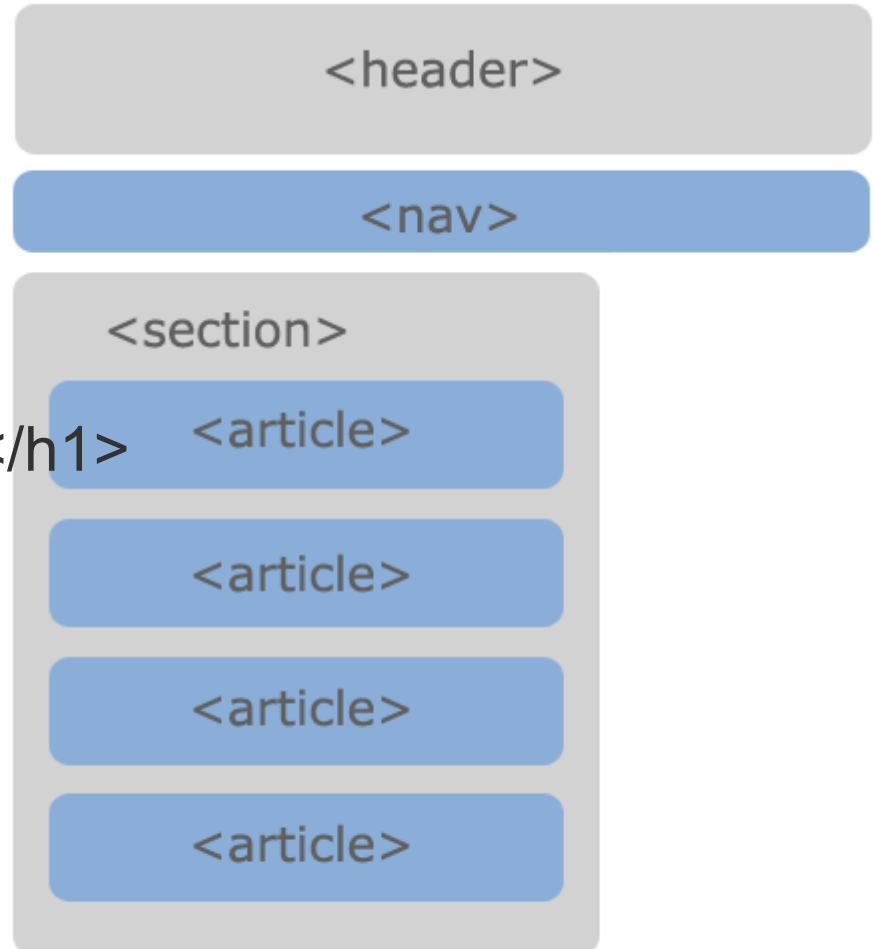
**<section>**

Contenido de la nota ...

**</section>**

**</article>**

**</section>**





# Secciones de documento

- Lateral y pie de página

**<aside>**

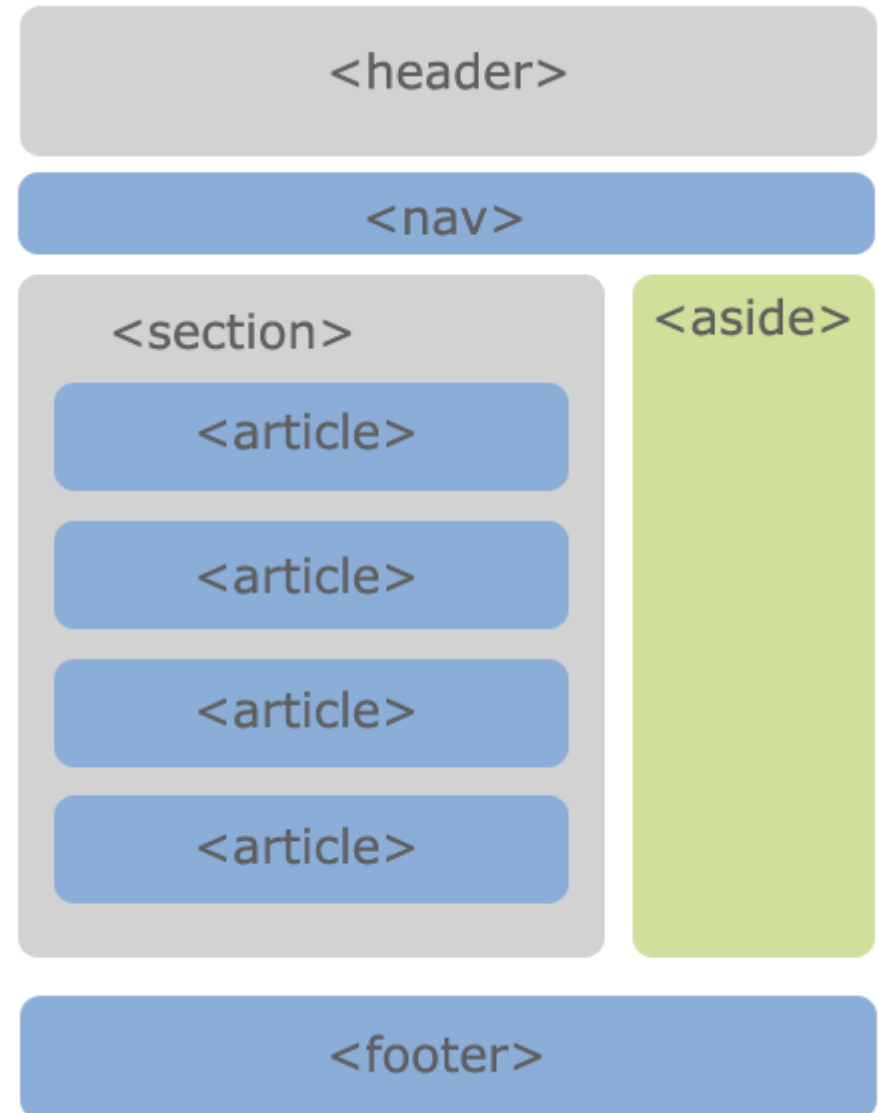
Enlaces relacionados

**</aside>**

**<footer>**


Copyright © 2010

**</footer>**






- Datos de tablas


**MDN**
[Explore MDN](#)


[Log in](#)
[Become an MDN member](#)


powered by 

[MDC](#)
[Doc Center](#)
[HTML](#)
[Element](#)
[table](#)

[This page](#)
[Site tools](#)

## table


[WATCH](#)


[EDIT](#)

The *HTML Table Element* (`<table>`) represents data in two dimensions or more.


**Usage note:** before the creation of CSS, HTML `<table>` were often used as a canvas for the styling of the page. This usage has been discouraged since HTML4 and the `<table>` element **must not** be used for styling purpose.

### Usage context

#### TABLE OF CONTENTS

- Usage context
- Attributes
- DOM interface
- Examples
- Result
- See also

[TAGS](#)
[FILES](#)


Page Notifications **Off**

Content categories	Flow content
Permitted content	<p>In this order:</p> <ul style="list-style-type: none"> <li>• an optional <code>&lt;caption&gt;</code> element,</li> <li>• zero or more <code>&lt;colgroup&gt;</code> elements,</li> <li>• an optional <code>&lt;thead&gt;</code> element,</li> <li>• one of the two alternatives: <ul style="list-style-type: none"> <li>◦ one <code>&lt;tfoot&gt;</code> element, followed by:</li> <li>◦ zero or more <code>&lt;tbody&gt;</code> elements,</li> </ul> </li> </ul>

# Datos de tablas

- Columnas

```
<table>
```

```
<colgroup span="2" style="background-color:red" />
```

```
<tr> <th>Código</th>
```

```
<th>Nombres</th>
```

```
<th>Aceptado</th> </tr>
```

```
<tr> <td>81014</td>
```

```
<td>Juan Eladio Sánchez</td>
```



```
<td>SI</td> </tr>
```

Código	Nombres	Aceptado
81014	Juan Eladio Sánchez	SI
65712	Yannick Warnier	SI





# Clasificación de etiquetas



- Elementos interactivos

 **MDN** Explore MDN 



Log in Become an MDN member

Search MDN 

powered by 

MDC > Doc Center > HTML > Element > table This page  Site tools 

## table

 WATCH  EDIT

The *HTML Table Element* (`<table>`) represents data in two dimensions or more.

**Usage note:** before the creation of CSS, HTML `<table>` were often used as a canvas for the styling of the page. This usage has been discouraged since HTML4 and the `<table>` element **must not** be used for styling purpose.


### Usage context

Content categories	Flow content
Permitted content	<p>In this order:</p> <ul style="list-style-type: none"><li>• an optional <code>&lt;caption&gt;</code> element,</li><li>• zero or more <code>&lt;colgroup&gt;</code> elements,</li><li>• an optional <code>&lt;thead&gt;</code> element,</li><li>• one of the two alternatives:<ul style="list-style-type: none"><li>◦ one <code>&lt;tfoot&gt;</code> element, followed by:</li><li>◦ zero or more <code>&lt;tbody&gt;</code> elements,</li></ul></li></ul>

#### TABLE OF CONTENTS

- Usage context
- Attributes
- DOM interface
- Examples
- Result
- See also

TAGS FILES

 Page Notifications **Off**

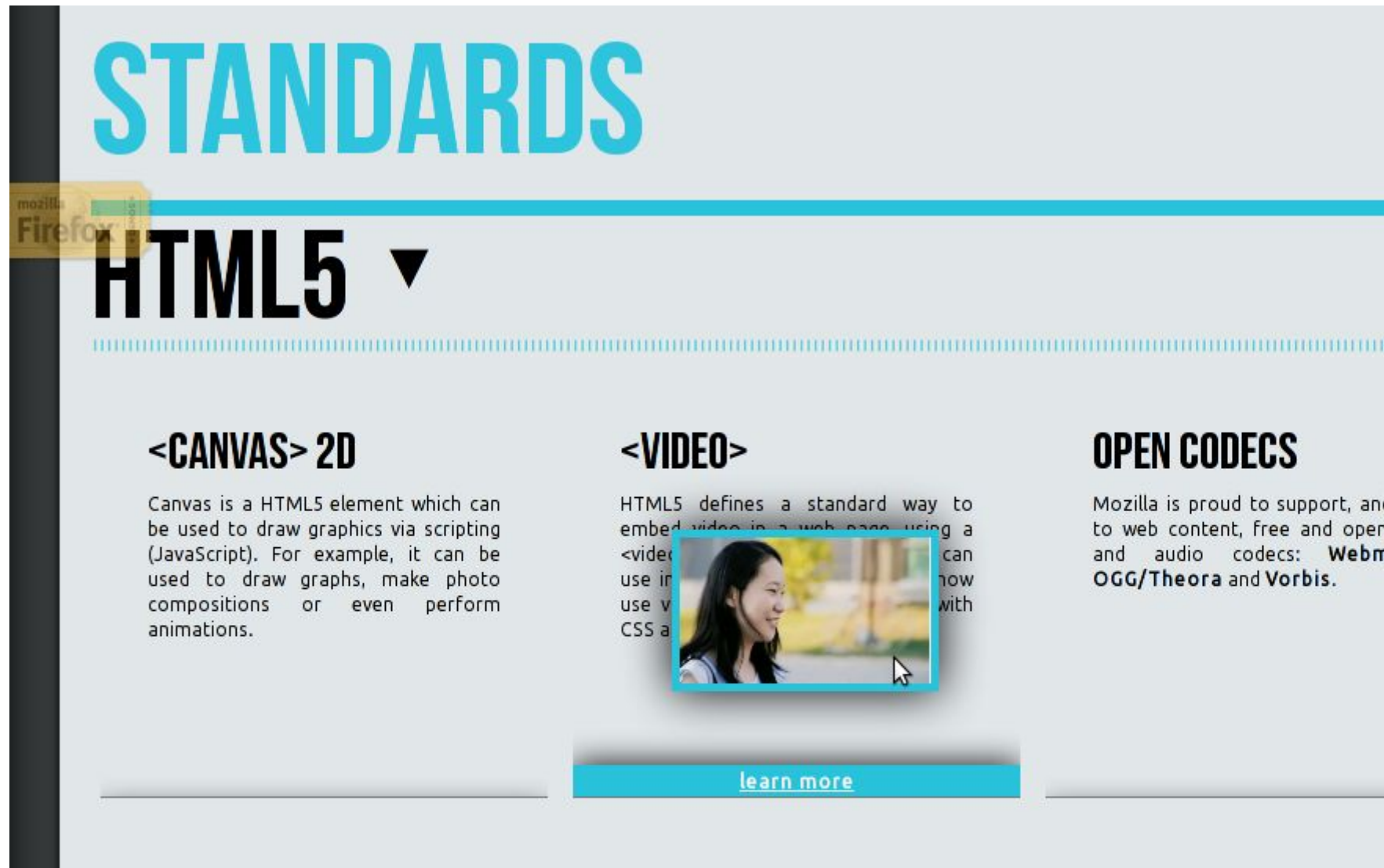


# Elementos interactivos

- Elementos interactivos
  - menu
  - command
  - summary
  - details

# Clasificación de etiquetas

- Contenido incrustado (embebido) \*



# HTML



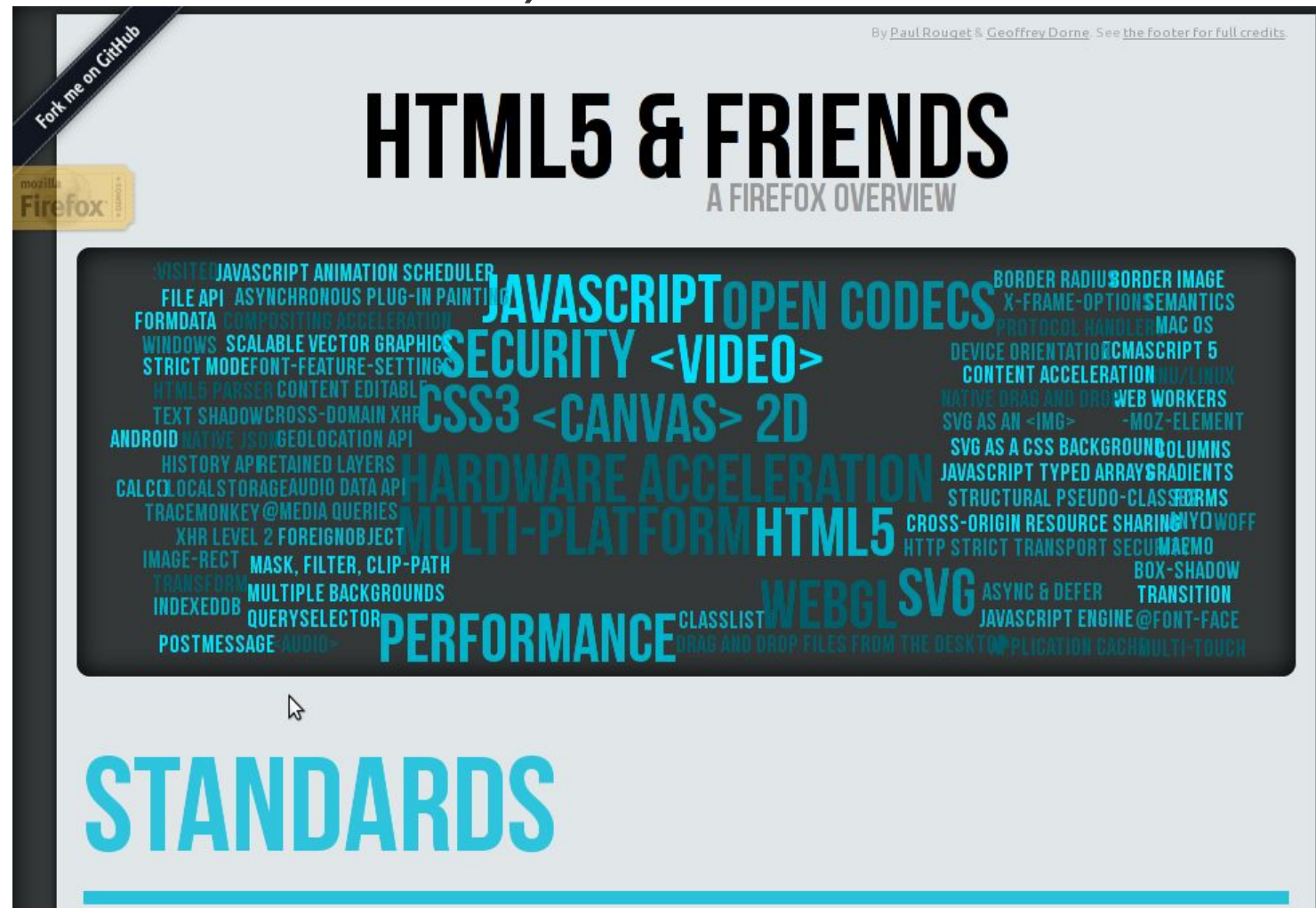
Semantics

# Aplicación



# Demostración

- Awesome HTML5 Dashboard  
(Mozilla's Web O' Wonder)







# ¿Cómo empiezo a usarlo?

- HTML5 Boilerplate

Now offered in: [DEUTSCH](#) ★ [PORTUGUÊS](#) ★ [FRANÇAIS](#) ★ [ITALIANO](#) ★ [NEDERLANDS](#) ★ [SRPSKI](#) ★ [ROMÂNĂ](#) ★ [ПО-РУССКИ](#) ★ [עברית](#)

# HTML5 ★ BOILERPLATE

A ROCK-SOLID DEFAULT FOR HTML5 AWESOME.

HTML5 Boilerplate is the professional badass's base HTML/CSS/JS template for a fast, robust and future-proof site.

After more than two years in iterative development, you get the best of the best practices baked in: cross-browser normalization, performance optimizations, even optional features like cross-domain Ajax and Flash. A starter apache .htaccess config file hooks you the eff up with caching rules and preps your site to serve HTML5 video, use @font-face, and get your gzip zippie on.

Boilerplate is not a framework, nor does it prescribe any philosophy of development, it's just got some tricks to get your project off the ground quickly and right-footed.

## WANT TO DIVE IN?

DOWNLOAD BOILERPLATE V0.9.5 UPDATED OCT 26TH

BOILERPLATE DOCUMENTED

KEEP THE HINTS AND LINKS

OR

BOILERPLATE "STRIPPED"

NO COMMENTS, JUST THE BIZNISS.

[READ THE DOCS](#) ★ [CONTRIBUTE ON GITHUB](#) ★ [COMMENT HERE](#)  
[FOLLOW ON TWITTER](#) ★ [JOIN THE MAILING LIST](#)





# ¿Y si uso navegadores antiguos?

- Modernizr

The screenshot shows the Modernizr website with a blue header. The main content area is white with a dark blue sidebar on the right. The sidebar contains a list of features detected by Modernizr, each with a green checkmark. The main content area has a 'Latest release' section, a 'What is Modernizr?' section, and a code example. The sidebar also has a 'Modernizr detects support for:' section with a list of features.

## MODERNIZR

Home News Docs Sites

### Latest release: 1.7

FEBRUARY 20: Version 1.7 nerfs the WebGL/Chrome9 issue, Opera color input fix, faster (no release notes yet).

### What is Modernizr?

Modernizr adds classes to the `<html>` element which allow you to target specific browser functionality in your stylesheet. You don't actually need to write any Javascript to use it.

Have you ever wanted to do if-statements in your CSS for the availability of cool features like `border-radius`? Well, with **Modernizr** you can accomplish just that! The syntax is very intuitive, too:

```
.multiplebgs div p {  
  /* properties for browsers that  
    support multiple backgrounds */  
}  
.no-multiplebgs div p {  
  /* optional fallback properties  
    for browsers that don't */  
}
```

### Modernizr detects support for:

@font-face ✓	Geolocation API ✓
Canvas ✓	localStorage ✓
Canvas Text ✓	sessionStorage ✓
HTML5 Audio ✓	SVG ✓
HTML5 Video ✓	SMIL ✓
rgba() ✓	SVG Clipping ✓
hsla() ✓	Inline SVG ✓
border-image: ✓	Drag and Drop ✓
border-radius: ✓	hashchange ✓
box-shadow: ✓	X-window Messaging ✓
text-shadow: ✓	History Management ✓
opacity: ✓	applicationCache ✓
Multiple backgrounds ✓	Touch events
Flexible Box Model ✓	Web Sockets
CSS Animations	Web Workers ✓
CSS Columns ✓	Web SQL Database
CSS Gradients ✓	WebGL ✓
CSS Reflections	IndexedDB ✓
CSS 2D Transforms ✓	Input Types†
CSS 3D Transforms	Input Attributes†
CSS Transitions ✓	

### Modernizr on Twitter

Stacking Order of Multiple Backgrounds <http://css-tricks.com/?p=8596> Along with a great use case for `.no-multiplebgs { }`  
5 days ago

The Modernizr 2 beta has already been configured in 600 unique combinations by more than 1350 people! <http://j.mp/modernizr-beta>  
^Faruk  
42 days ago

SEE MORE TWEETS »

# HTML



Semantics

# Referencias



# Referencias bibliográficas

- Periodic Table of the Elements  
<http://joshduck.com/periodic-table.html>
- W3C Schools: HTML5 Tutorial  
<http://www.w3schools.com/html5/>
- Awesome HTML5 Dashboard  
<https://mozillademos.org/demos/dashboard/demo.html>
- Mozilla Developer Network  
[https://developer.mozilla.org/\*\*es\*\*/HTML/HTML5](https://developer.mozilla.org/es/HTML/HTML5)
- HTML5 Doctor - <http://www.html5doctor.com/>



# Recursos

Código:

- Modernizr - <http://www.modernizr.com/>
- HTML5 Boilerplate - <http://html5boilerplate.com/>

¿Funcionará?:

- HTML5 Test - <http://www.html5test.com/>
- When can I use? -  
<http://caniuse.com/#cats=HTML5>



# Tecnologías HTML5

- ≡ Semantics
- Ⓒ Offline & Storage
- 📱 Device Access
- 🌐 Connectivity
- 🎬 Multimedia
- 🎮 3D, Graphics & Effects
- ⚙️ Performance & Integration
- 🎨 CSS3 Styling

# HTML



# Nuevas Etiquetas de HTML5



Juan Eladio Sánchez Rosas  
jesanchez(a)mozilla.pe

