

<object>

The **HTML <object> element** represents an external resource, which can be treated as an image, a nested browsing context, or a resource to be handled by a plugin.

HTML Demo: <object>

Reset

HTML

CSS

```
1 <object type="application/pdf"
2     data="/media/examples/In-CC0.pdf"
3     width="250"
4     height="200">
5 </object>
6
```

Output

Content categories
Flow content ; phrasing content ; embedded content , palpable content; if the element has a usemap attribute, interactive content ; listed , submittable form-associated element.
Permitted content
zero or more <param> elements, then transparent .
Tag omission
None, both the starting and ending tag are mandatory.
Permitted parents
Any element that accepts embedded content .
Implicit ARIA role
No corresponding role
Permitted ARIA roles
application , document , image

Attributes

This element includes the [global attributes](#).

archive

A space-separated list of URIs for archives of resources for the object.

border

The width of a border around the control, in pixels.

classid

The URI of the object's implementation. It can be used together with, or in place of, the **data** attribute.

codebase

The base path used to resolve relative URIs specified by **classid**, **data**, or **archive**. If not specified, the default is the base URI of the current document.

codetype

The content type of the data specified by **classid**.

data

The address of the resource as a valid URL. At least one of **data** and **type** must be defined.

declare

The presence of this Boolean attribute makes this element a declaration only. The object must be instantiated by a subsequent `<object>` element. In HTML5, repeat the `<object>` element completely each time that the resource is reused.

form

The form element, if any, that the object element is associated with (its *form owner*). The value of the attribute must be an ID of a [<form>](#) element in the same document.

height

The height of the displayed resource, in [CSS pixels](#) . -- (Absolute values only. [NO percentages](#))

name

The name of valid browsing context (HTML5), or the name of the control (HTML 4).

standby

A message that the browser can show while loading the object's implementation and data.

tabindex

The position of the element in the tabbing navigation order for the current document.

type

The [content type](#) of the resource specified by **data**. At least one of **data** and **type** must be defined.

usemap

A hash-name reference to a [<map>](#) element; that is a '#' followed by the value of a [name](#) of a map element.

width

The width of the display resource, in [CSS pixels](#) . -- (Absolute values only. [NO percentages](#))

Examples

Embed a flash movie

```
<!-- Embed a flash movie -->
<object data="movie.swf"
  type="application/x-shockwave-flash"></object>

<!-- Embed a flash movie with parameters -->
<object data="movie.swf" type="application/x-shockwave-flash">
  <param name="foo" value="bar">
</object>
```

Specifications

Specification	Status	Comment
HTML Living Standard The definition of '<object>' in that specification.	Living Standard	
HTML5 The definition of '<object>' in that specification.	Recommendation	
HTML 4.01 Specification The definition of '<object>' in that specification.	Recommendation	

Browser compatibility

[Report problems with this compatibility data on GitHub](#)

object		
Chrome		Yes
Edge		12
Firefox		1
Internet Explorer		Yes
Opera		Yes
Safari		Yes
WebView Android		Yes

Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
archive	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
Aspect ratio computed from width and height attributes	
Chrome	79
Edge	79
Firefox	71
Internet Explorer	No
Opera	66
Safari	14
WebView Android	79
Chrome Android	79
Firefox for Android	79
Opera Android	57
Safari on iOS	14
Samsung Internet	12.0
border	
Chrome	Yes
Edge	12

Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
classid	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
codebase	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes

Safari on iOS	Yes
Samsung Internet	Yes
code type	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
data	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
declare	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes

WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
form	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
height	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
name	
Chrome	Yes

Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
standby	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes
tabindex	
Chrome	Yes
Edge	12
Firefox	1
Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4

Firefox for Android		Yes
Opera Android		Yes
Safari on iOS		Yes
Samsung Internet		Yes
type		
Chrome		Yes
Edge		12
Firefox		1
Internet Explorer		Yes
Opera		Yes
Safari		Yes
WebView Android		Yes
Chrome Android		Yes
Firefox for Android		4
Opera Android		Yes
Safari on iOS		Yes
Samsung Internet		Yes
usemap		
Chrome		Yes
Edge		12
Firefox		1
Internet Explorer		Yes
Opera		Yes
Safari		Yes
WebView Android		Yes
Chrome Android		Yes
Firefox for Android		4
Opera Android		Yes
Safari on iOS		Yes
Samsung Internet		Yes
width		
Chrome		Yes
Edge		12
Firefox		1
Internet Explorer		Yes

Internet Explorer	Yes
Opera	Yes
Safari	Yes
WebView Android	Yes
Chrome Android	Yes
Firefox for Android	4
Opera Android	Yes
Safari on iOS	Yes
Samsung Internet	Yes

☐

 Full support

☐


 No support

Deprecated. Not for use in new websites.

User must explicitly enable this feature.

Note: Google Chrome doesn't support search for text (accessed via `ctrl + F` shortcut) inside `<object></object>` tags.

See also

- [<applet>](#) 
- [<embed>](#)
- [<param>](#)

Last modified: Apr 27, 2021, [by MDN contributors](#)

Change your language

English (US) ▾

Change language