

# JavaScript HTML DOM Document

< Previous

Next >

The HTML DOM document object is the owner of all other objects in your web page.

## The HTML DOM Document Object

The document object represents your web page.

If you want to access any element in an HTML page, you always start with accessing the document object.

Below are some examples of how you can use the document object to access and manipulate HTML.

## Finding HTML Elements

Method	Description
<code>document.getElementById(<i>id</i>)</code>	Find an element by element id
<code>document.getElementsByTagName(<i>name</i>)</code>	Find elements by tag name
<code>document.getElementsByClassName(<i>name</i>)</code>	Find elements by class name

## Changing HTML Elements

Property	Description
<code>element.innerHTML = <i>new html content</i></code>	Change the inner HTML of an element
<code>element.attribute = <i>new value</i></code>	Change the attribute value of an HTML element
<code>element.style.property = <i>new style</i></code>	Change the style of an HTML element
Method	Description
<code>element.setAttribute(<i>attribute</i>, <i>value</i>)</code>	Change the attribute value of an HTML element

## Adding and Deleting Elements

Method	Description
<code>document.createElement(<i>element</i>)</code>	Create an HTML element
<code>document.removeChild(<i>element</i>)</code>	Remove an HTML element
<code>document.appendChild(<i>element</i>)</code>	Add an HTML element
<code>document.replaceChild(<i>new</i>, <i>old</i>)</code>	Replace an HTML element
<code>document.write(<i>text</i>)</code>	Write into the HTML output stream

## Adding Events Handlers

Method	Description
<code>document.getElementById(<i>id</i>).onclick = function(){<i>code</i>}</code>	Adding event handler code to an onclick event

## Finding HTML Objects

The first HTML DOM Level 1 (1998), defined 11 HTML objects, object collections, and properties. These are still valid in HTML5.

Later, in HTML DOM Level 3, more objects, collections, and properties were added.

Property	Description	DOM
<code>document.anchors</code>	Returns all <a> elements that have a name attribute	1
<code>document.applets</code>	Deprecated	1
<code>document.baseURI</code>	Returns the absolute base URI of the document	3
<code>document.body</code>	Returns the <body> element	1
<code>document.cookie</code>	Returns the document's cookie	1
<code>document.doctype</code>	Returns the document's doctype	3
<code>document.documentElement</code>	Returns the <html> element	3
<code>document.documentMode</code>	Returns the mode used by the browser	3
<code>document.documentURI</code>	Returns the URI of the document	3
<code>document.domain</code>	Returns the domain name of the document server	1
<code>document.domConfig</code>	Obsolete.	3
<code>document.embeds</code>	Returns all <embed> elements	3
<code>document.forms</code>	Returns all <form> elements	1
<code>document.head</code>	Returns the <head> element	3
<code>document.images</code>	Returns all <img> elements	1
<code>document.implementation</code>	Returns the DOM implementation	3
<code>document.inputEncoding</code>	Returns the document's encoding (character set)	3
<code>document.lastModified</code>	Returns the date and time the document was updated	3
<code>document.links</code>	Returns all <area> and <a> elements that have a href attribute	1
<code>document.readyState</code>	Returns the (loading) status of the document	3
<code>document.referrer</code>	Returns the URI of the referrer (the linking document)	1
<code>document.scripts</code>	Returns all <script> elements	3
<code>document.strictErrorChecking</code>	Returns if error checking is enforced	3
<code>document.title</code>	Returns the <title> element	1
<code>document.URL</code>	Returns the complete URL of the document	1

< Previous

Next >



NEW

We just launched W3Schools videos

Explore now

COLOR PICKER



Get certified by completing a JavaScript course today!

Get started

CODE GAME

Play Game