

JavaScript HTML DOM Document

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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

element.attribute = new value

Change the attribute value of an HTML element

element.style.property = new style

Change the style of an HTML element

Method**Description***element.setAttribute(attribute, value)*

Change the attribute value of an HTML element

Adding and Deleting Elements

Method**Description***document.createElement(element)*

Create an HTML element

document.removeChild(element)

Remove an HTML element

document.appendChild(element)

Add an HTML element

document.replaceChild(new, old)

Replace an HTML element

document.write(text)

Write into the HTML output stream

Adding Events Handlers

Method**Description***document.getElementById(id).onclick = function(){code}*

Adding event handler code to an onclick event

Finding HTML Objects

Property	Description	DOM
document.anchors	Deprecated. Do not use it.	1
document.applets	Deprecated. Do not use it.	1
document.baseURI	Returns the absolute base URI of the document	3
document.body	Returns the <body> element	1
document.cookie	Returns the document's cookie	1
document.doctype	Returns the document's doctype	3
document.documentElement	Returns the <html> element	3
document.documentMode	Returns the mode used by the browser	3
document.documentURI	Returns the URI of the document	3
document.domain	Deprecated. Do not use it.	1
document.domConfig	Deprecated. Do not use it.	3
document.embeds	Returns all <embed> elements	3
document.forms	Returns all <form> elements	1
document.head	Returns the <head> element	3
document.images	Returns all elements	1
document.implementation	Returns the DOM implementation	3
document.inputEncoding	Returns the document's encoding (character set)	3
document.lastModified	Returns the date and time the document was updated	3
document.links	Returns all <area> and <a> elements that have a href attribute	1
document.readyState	Returns the (loading) status of the document	3

document.strictErrorChecking	Returns if error checking is enforced	3
document.title	Returns the <title> element	1
document.URL	Returns the complete URL of the document	1

Exercise [?]

What is a NOT a legal HTML DOM document method?

- ☐ `getElementsByClassName()`
- ☐ `getElementsByTagName()`
- ☐ `getElementsByAttributeName()`

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