



Window Object

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Window Object

The window object represents an open window in a browser.

If a document contain frames (<iframe> tags), the browser creates one window object for the HTML document, and one additional window object for each frame.

Note: There is no public standard that applies to the Window object, but all major browsers support it.

Window Object Properties

| Property | Description |
|--------------------------------------|---|
| <u>closed</u> | Returns a Boolean value indicating whether a window has been closed or not |
| <u>defaultStatus</u> | Sets or returns the default text in the statusbar of a window |
| <u>document</u> | Returns the Document object for the window (<u>See Document object</u>) |
| <u>frameElement</u> | Returns the <iframe> element in which the current window is inserted |
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| <u>frames</u> | Returns all <iframe> elements in the current window |
| <u>history</u> | Returns the History object for the window (<u>See History object</u>) |
| <u>innerHeight</u> | Returns the inner height of a window's content area |
| <u>innerWidth</u> | Returns the inner width of a window's content area |
| <u>length</u> | Returns the number of <iframe> elements in the current window |
| <u>location</u> | Returns the Location object for the window (<u>See Location object</u>) |
| <u>name</u> | Sets or returns the name of a window |
| <u>navigator</u> | Returns the Navigator object for the window (<u>See Navigator object</u>) |
| <u>opener</u> | Returns a reference to the window that created the window |
| <u>outerHeight</u> | Returns the outer height of a window, including toolbars/scrollbars |
| <u>outerWidth</u> | Returns the outer width of a window, including toolbars/scrollbars |
| <u>pageXOffset</u> | Returns the pixels the current document has been scrolled (horizontally) from the upper left corner of the window |
| <u>pageYOffset</u> | Returns the pixels the current document has been scrolled (vertically) from the upper left corner of the window |
| <u>parent</u> | Returns the parent window of the current window |
| <u>screen</u> | Returns the Screen object for the window (<u>See Screen object</u>) |
| <u>screenLeft</u> | Returns the horizontal coordinate of the window relative to the screen |
| <u>screenTop</u> | Returns the vertical coordinate of the window relative to the screen |
| <u>screenX</u> | Returns the horizontal coordinate of the window relative to the screen |
| <u>screenY</u> | Returns the vertical coordinate of the window relative to the screen |
| scrollX | An alias of <u>pageXOffset</u> |

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| <u>scrollY</u> | An alias of <u>pageYOffset</u> |
| <u>self</u> | Returns the current window |
| <u>status</u> | Sets or returns the text in the statusbar of a window |
| <u>top</u> | Returns the topmost browser window |

Window Object Methods

| Method | Description |
|------------------------|--|
| <u>alert()</u> | Displays an alert box with a message and an OK button |
| <u>atob()</u> | Decodes a base-64 encoded string |
| <u>blur()</u> | Removes focus from the current window |
| <u>btoa()</u> | Encodes a string in base-64 |
| <u>clearInterval()</u> | Clears a timer set with setInterval() |
| <u>clearTimeout()</u> | Clears a timer set with setTimeout() |
| <u>close()</u> | Closes the current window |
| <u>confirm()</u> | Displays a dialog box with a message and an OK and a Cancel button |
| <u>createPopup()</u> | Creates a pop-up window |
| <u>focus()</u> | Sets focus to the current window |
| <u>moveBy()</u> | Moves a window relative to its current position |
| <u>moveTo()</u> | Moves a window to the specified position |
| <u>open()</u> | Opens a new browser window |
| <u>print()</u> | Prints the content of the current window |
| <u>prompt()</u> | Displays a dialog box that prompts the visitor for input |
| <u>resizeBy()</u> | Resizes the window by the specified pixels |
| <u>resizeTo()</u> | Resizes the window to the specified width and height |

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| <code>scroll()</code> | Deprecated. This method has been replaced by the <u><code>scrollTo()</code></u> method. |
| <u><code>scrollBy()</code></u> | Scrolls the document by the specified number of pixels |
| <u><code>scrollTo()</code></u> | Scrolls the document to the specified coordinates |
| <u><code>setInterval()</code></u> | Calls a function or evaluates an expression at specified intervals (in milliseconds) |
| <u><code>setTimeout()</code></u> | Calls a function or evaluates an expression after a specified number of milliseconds |
| <u><code>stop()</code></u> | Stops the window from loading |

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