# DOM Model

Top of Form

Bottom of Form

object.onevent - assign function ('event handler') to this event of the Object.

object.properties - can be set or used as reference.

object.methods() - method of the Object.

window.onBlur - user leaves window.

window.onError - loading trigger error. window.onerror = null|window.onerror = errorhandler. errorhandler(message,url,linenumber).

window.onFocus - user enters window.

window.onLoad - loading finishes.

window.onUnload - user leaves page.

window.defaultStatus - default value of states message.

window.name - used to address window.

window.opener - calling window.

window.self - the current window.

window.status - string value of status message.

window.alert() - calls alert dialog.

window.blur() - sends to back.

window.close() - closes window.

window.confirm()- calls confirm dialog.

window.focus() - brings to front (focus).

window.open() - opens new window.

var win = window.open('loc.html','title','status=no,'[options]') Options: resizable, menubar, toolbar, location, directories,

scrollbars, status

window.prompt() - calls prompt dialog.

window.scroll() - scrolls the window.

window.setTimeout - pauses before execution.

window.clearTimeout - clears timer.

window.setInterval() - sets a function to execute on an interval.

window.clearInterval() - clears interval timer.

window.resizeTo() - resizes the current window to a specified point.

window.resizeBy() - resizes the current window by a specified amount.

window.moveTo() - moves the current window to a specified point.

window.moveBy() - moves the current window by a specified amount.

window.scrollTo() - scrolls the current window to a specified point.

window.scrollBy() - scrolls the current window by a specified amount.

window.location.hash - anchor portion of URL.

window.location.host - hostname and port portion of URL.

window.location.hostname - host and domain.

window.location.href - entire URL.

window.location.pathname - document's directory path.

window.location.port - port number on server.

window.location.protocol - beginning of URL to colon (http:).

window.location.search - query information.

window.location.target - specifies the window or frame where page will be loaded.

window.location.text - a string containing the content of the corresponding A (anchor) tag.

window.location.reload() - reloads current page. use reload(true) to force a refresh from server.

window.location.replace() - loads a new URL over current document.

use replace('http://www.url.dom') to disable 'back' and 'forward'

history.

window.history.length - number of entries in browser history.

window.history.go(n) - moves to n places in history entry.

window.history.back() - moves back 1 place in history entry.

window.history.forward() - moves forward 1 place in history entry.

window.document.alinkColor - color of link when clicked.

window.document.bgColor - color of background.

window.document.cookie - string stored on client machine.

window.document.fgColor - color of text.

window.document.lastModified - date of last modification.

window.document.linkColor - color of links.

window.document.referrer - URL of calling document.

window.document.title - title of page.

window.document.url - Uniform Resource Locator (address) of document.

window.document.vlinkColor - color of followed links.

window.document.clear()

window.document.close()

window.document.getSelection() - returns a string containing the text selected in the document.

window.document.open()

window.document.write()

window.document.writeln()

window.document.anchors[]

window.document.anchors[].length - number of anchors in document.

window.document.images[].onAbort - image laoding stops.

window.document.images[].onError - error encoutered in loading image.

window.document.images[].onLoad - image loading completed.

window.document.images[].border - border size in pixels.

window.document.images[].complete - true if fully loaded.

window.document.images[].height - image height in pixels.

window.document.images[].hspace - horizontal margin.

window.document.images[].length (array) - number of images in document.

window.document.images[].lowsrc - source file of preliminary images.

window.document.images[].name - value of name attribute.

window.document.images[].src - image source file.

window.document.images[].vspace - vertical margin.

window.document.images[].width - image width in pixels.

window.document.links[]

window.document.links[].onClick - user clicks link.

window.document.links[].onMouseOut - mouse moves off link.

window.document.links[].onMouseOver - mouse moves over link.

window.document.links[].hash - anchor portion of URL.

window.document.links[].host - hostname and port portion of URL.

window.document.links[].hostname - host and domain.

window.document.links[].href - entire URL.

window.document.links[].pathname - document's directory path.

window.document.links[].port - port number on server.

window.document.links[].protocol - beginning of URL to colon (http:).

window.document.links[].search - query information.

window.document.links[].target - target frame of link.

window.document.links[].forms[]\*

Netscape Components:

Position-Related Window Properties

window.innerHeight

window.innerWidth

window.outerHeight

window.outerWidth

window.screenX

window.screenY

window.alwaysRaised

window.alwaysLowered

Chrome-Related Window Properties

window.locationbar

window.menubar

window.personalbar

window.scrollbars

window.statusbar

window.toolbar

window.print() - Prints the current document.

window.find() - Searches the current document for a key word.

Frames

frames - frames array includes all child frames. Length is its only property.

name - value of name attribute.

length - number of child frames.

parent - framesetting window or frame.

self - current frame.

window - current frame.

top - top-level frameset window.

document.forms[].onSubmit

document.forms[].onReset

document.forms[].action

document.forms[].encoding

document.forms[].length

document.forms[].method

document.forms[].target

document.forms[].submit()

document.forms[].reset()

document.forms[].elements[]

document.forms[].button

document.forms[].button.onClick

document.forms[].button.name

document.forms[].button.value

document.forms[].button.type

document.forms[].radio

document.forms[].radio.onClick

document.forms[].radio.checked

document.forms[].radio.defaultChecked

document.forms[].radio.length

document.forms[].radio.name

document.forms[].radio.value

document.forms[].radio.type

document.forms[].radio.click()

document.forms[].text/textarea

document.forms[].text/textarea.onFocus

document.forms[].text/textarea.onBlur

document.forms[].text/textarea.onChange

document.forms[].text/textarea.onSelect

document.forms[].text/textarea.defaultValue

document.forms[].text/textarea.name

document.forms[].text/textarea.value

document.forms[].text/textarea.type

document.forms[].text/textarea.focus()

document.forms[].text/textarea.blur()

document.forms[].text/textarea.select()

document.forms[].hidden

document.forms[].hidden.name

document.forms[].hidden.value

document.forms[].hidden.type

document.forms[].checkbox

document.forms[].checkbox.onClick

document.forms[].checkbox.name

document.forms[].checkbox.value

document.forms[].checkbox.type

document.forms[].checkbox.checked

document.forms[].checkbox.defaultChecked

document.forms[].checkbox.click()

document.forms[].fileUpload

document.forms[].fileUpload.onFocus

document.forms[].fileUpload.onBlur

document.forms[].fileUpload.onChange

document.forms[].fileUpload.name

document.forms[].fileUpload.value

document.forms[].fileUpload.type

document.forms[].fileUpload.focus()

document.forms[].fileUpload.blur()

document.forms[].password

document.forms[].password.defaultValue

document.forms[].password.name

document.forms[].password.value

document.forms[].password.type

document.forms[].password.focus()

document.forms[].password.blur()

document.forms[].password.select()

document.forms[].select

document.forms[].select.onFocus

document.forms[].select.onBlur

document.forms[].select.onChange

document.forms[].select.name

document.forms[].select.length

document.forms[].select.selectedIndex

document.forms[].select.value

document.forms[].select.type

document.forms[].select.focus()

document.forms[].select.blur()

document.forms[].select.options[]

document.forms[].select.options[].name

document.forms[].select.options[].defaultSelected()

document.forms[].select.options[].index

document.forms[].select.options[].length

document.forms[].select.options[].selected

document.forms[].select.options[].selectedIndex

document.forms[].select.options[].text

document.forms[].select.options[].value

document.forms[].reset

document.forms[].reset.onClick

document.forms[].reset.name

document.forms[].reset.value

document.forms[].reset.type

document.forms[].reset.click()

objects:

Array()

Array.length

Array.join([';']) - joins array elements into a string seperated by commas. If you give it a seperator (':'), it uses this instead.

Array.reverse() - reverses order of entries.

Array.sort([function]) - sorts array elements in alphabetical order. If you give it a comparison

function, this order is used instead.

sort(compare) function compare(a,b) - return a-b :

returns negative or false if number a is less than b.

Math

Math.E - base of natural logarithms (2.718...).

Math.LN2 - natural logarithm of 2 (0.693...).

Math.LN10 - natural logarithm of 10 (2.302...).

Math.LOG2E - base two logarithm of e (1.442...).

Math.LOG10E - base ten logarithm of e (0.434...).

Math.PI - ratio of circumference to diameter (3.14159...).

Math.SQRTI\_2 - square root of one-half (0.707...).

Math.SQRT2 - square root of two (1.414...).

Math.abs(n) - returns absolute value of n.

Math.acos(n) - returns arc cosine of n.

Math.asin(n) - returns arc sine of n.

Math.atan(n) - returns arc tangent of n.

Math.atan2(n,m) - returns angle of polar coordinate.

Math.ceil(n) - rounds up to next integer.

Math.cos(n) - returns cosine of n.

Math.exp(n) - returns e to the n.

Math.floor(n) - rounds down to next integer.

Math.log(n) - returns natural logarithm of n.

Math.max(n,m) - returns greater of n and m.

Math.min(n,m) - returns lesser of n and m.

Math.pow(n,m) - returns n to the m.

Math.random() - returns random number between zero and one.

Math.round(n) - rounds to closest integer.

Math.sin(n) - returns sine of n.

Math.sqrt(n) - returns square root on n.

Math.tan(n) - returns tangent of n.

Date() - () = blank object. (97,03,04,09,30,22) - March 04 1997 09:30:22.

date().[UTC] - can be used with all methods. example getUTCDate().

Date().getDate() - returns an integer from 1 - 31.

Date().getDay() - returns 0 (Sunday) - 6 (Saturday).

Date().getHours() - returns 0 (midnight) - 23 (11pm).

Date().getMinutes() - returns 0 - 59.

Date().getMonth() - returns 0 (January) - 11 (December).

Date().getSeconds() - returns 0 - 59.

Date().getMilliseconds() - returns xxxx.

Date().getTime() - returns number of milliseconds since Jan 1, 1970.

Date().getYear() - returns last two digits of the year in JavaScript < 1.3|4 digits

in >=1.3.

Date().getFullYear() - returns xxxx year format.

Date().getTimezoneOffset() - returns difference b/w Greenwich Mean Time (Zulu) and

local time in minutes.

Date().setDate(n) - sets the date to n.

Date().setHours(n) - sets the hours to n.

Date().setMinutes(n) - sets the minutes to n.

Date().setMonth(n) - sets the day of the month to n.

Date().setSeconds(n) - sets the seconds to n.

Date().setTime(n) - sets the number of milliseconds since 1/1/70 to n.

Date().setYear(n) - sets the year to n.

Date().setFullYear() - sets the year to n in xxxx format.

Date().toLocaleString(n)

Date().toUTCString()

Date().toGMTString(n)

String()

String().length

String().charAt(n) - returns character before n.

String().indexOf(text[,n]) - returns first occurence of text in string. begins searching at n.

String().lastIndexOf(text) - returns last occurence of text in string.

String().split(text) - returns array of substrings all split at text.

String().substring(n,m) - returns substring from character n to one bfore character m.

String().toLowerCase() - returns string in lowercase.

String().toUpperCase() - returns string in uppercase.

String().anchor() - surrounds string with anchor tag.

String().big() - surrounds string with BIG tag.

String().blink() - surrounds string with BLINK tag.

String().bold() - surrounds string with B tag.

String().fixed() - surrounds string with TT tag.

String().fontcolor(n) - given color, surrounds string with FONT COLOR tags.

String().fontsize(n) - given size, surrounds string with FONT SIZE tags.

String().italics() - surrounds string with italics tag.

String().link(URL) - given a URL, surrounds string with link tag.

String().small() - surrounds string with SMALL tag.

String().strike() - surrounds string with STRIKE tag.

String().sub() - surrounds string with SUB tag.

String().sup() - surrounds string with SUP tag.

navigator

navigator.appCodeName - browser code name (Mozilla).

navigator.appName - brower type (Netscape or Microsoft Internet Explorer).

navigator.appVersion - browser release number, platform, and country.

navigator.userAgent - browser code name and version.

navigator.javaEnabled() - returns true if java is enabled.