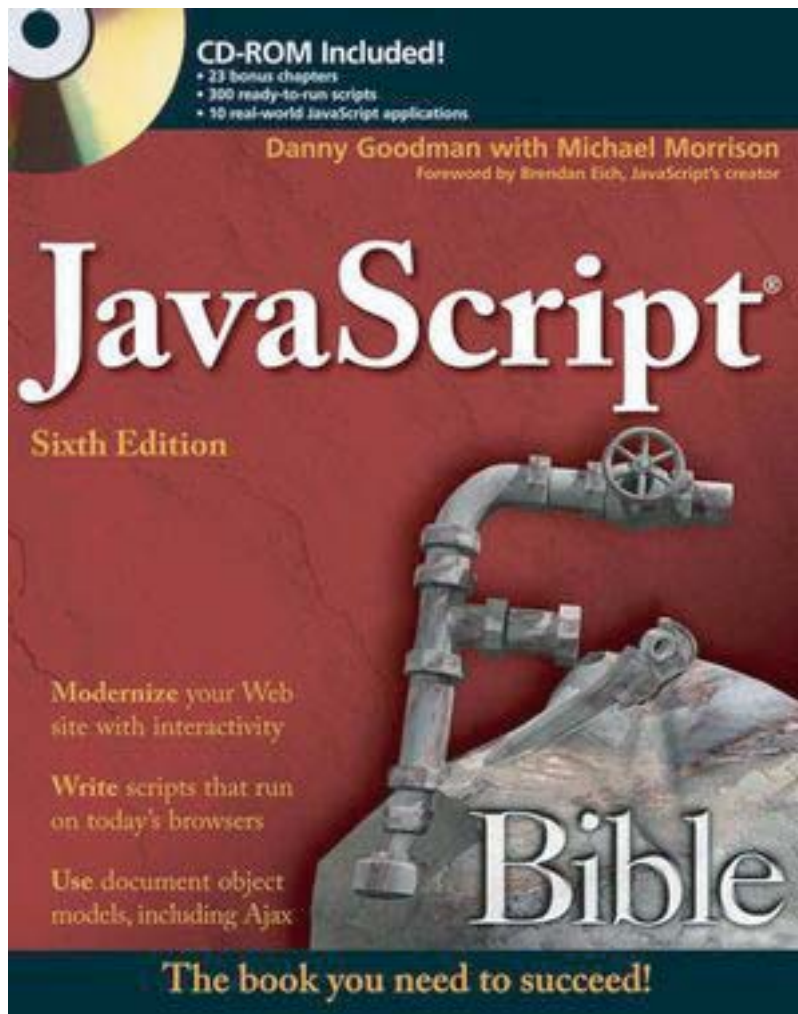# JavaScript and Browser Objects Quick Reference

# JavaScript Bible, 6th Edition
# Danny Goodman
## Appendix A

# JavaScript and Browser Objects Quick Reference

## String 28

| | |
|---|---|
| constructor | anchor("*anchorName*") |
| length | big() |
| prototype | blink() |
| | bold() |
| | charAt(*index*) |
| | charCodeAt([i]) |
| | concat(*string2*) |
| | fixed() |
| | fontcolor(#*rrggbb*) |
| | fontsize(*1to7*) |
| | fromCharCode(*n1*...)* |
| | indexOf("*str*" [,i]) |
| | italics() |
| | lastIndexOf("*str*" [,i]) |
| | link(*url*) |
| | localeCompare() |
| | match(*regexp*) |
| | replace(*regexp,str*) |
| | search(*regexp*) |
| | slice(i,j) |
| | small() |
| | split(*char*) |
| | strike() |
| | sub() |
| | substr(*start,length*) |
| | substring(*intA,intB*) |
| | sup() |
| | toLocaleLowerCase() |
| | toLocaleUpperCase() |
| | toLowerCase() |
| | toString() |
| | toUpperCase() |
| | valueOf() |

*Method of the static String object.

## Regular Expressions 42

| | |
|---|---|
| global | compile(*regexp*) |
| ignoreCase | exec("*string*")* |
| input | test("*string*") |
| lastIndex | str.match(*regexp*) |
| multiline | str.replace(*regexp*,"*string*") |
| lastMatch | str.search(*regexp*) |
| lastParen | str.split(*regexp*[,*limit*]) |
| leftContext | |
| prototype | |
| rightContext | |
| source | |
| $1...$9 | |

*Returns array with properties: index, input, [0],...[n].

## Array 31

| | |
|---|---|
| constructor | concat(*array2*) |
| length | every(*func*[, *thisObj*])[M1.8] |
| prototype | filter(*func*[, *thisObj*])[M1.8] |
| | forEach(*func*[, *thisObj*])[M1.8] |
| | indexOf(*func*[, *thisObj*])[M1.8] |
| | join("*char*") |
| | lastIndexOf(*func*[, *thisObj*])[M1.8] |
| | map(*func*[, *thisObj*])[M1.8] |
| | pop() |
| | push() |
| | reverse() |
| | shift() |
| | slice(i,[j]) |
| | some(*func*[, *thisObj*])[M1.8] |
| | sort(*compareFunc*) |
| | splice(i,j[,*items*]) |
| | toLocaleString() |
| | toString() |
| | unshift() |

## Function 34

| | |
|---|---|
| arguments | apply(*this*, *argsArray*) |
| caller | call(*this*[,*arg1*[,...*argN*]]) |
| constructor | toString() |
| length | valueOf() |
| prototype | |

## Date 30

| | |
|---|---|
| constructor | getFullYear() |
| prototype | getYear() |
| | getMonth() |
| | getDate() |
| | getDay() |
| | getHours() |
| | getMinutes() |
| | getSeconds() |
| | getTime() |
| | getMilliseconds() |
| | getUTCFullYear() |
| | getUTCMonth() |
| | getUTCDate() |
| | getUTCDay() |
| | getUTCHours() |
| | getUTCMinutes() |
| | getUTCSeconds() |
| | getUTCMilliseconds() |
| | parse("*dateString*")* |
| | setYear(*val*) |
| | setFullYear(*val*) |
| | setMonth(*val*) |
| | setDate(*val*) |
| | setDay(*val*) |
| | setHours(*val*) |
| | setMinutes(*val*) |
| | setSeconds(*val*) |
| | setMilliseconds(*val*) |
| | setTime(*val*) |
| | setUTCFullYear(*val*) |
| | setUTCMonth(*val*) |
| | setUTCDate(*val*) |
| | setUTCDay(*val*) |
| | setUTCHours(*val*) |
| | setUTCMinutes(*val*) |
| | setUTCSeconds(*val*) |
| | setUTCMilliseconds(*val*) |
| | getTimezoneOffset() |
| | toDateString() |
| | toGMTString() |
| | toLocaleDateString() |
| | toLocaleString() |
| | toLocaleTimeString() |
| | toString() |
| | toTimeString() |
| | toUTCString() |
| | UTC(*dateValues*)* |

*Method of the static Date object.

## Math* 29

| | |
|---|---|
| E | abs(*val*) |
| LN2 | acos(*val*) |
| LN10 | asin(*val*) |
| LOG2E | atan(*val*) |
| LOG10E | atan2(*val1*, *val2*) |
| PI | ceil(*val*) |
| SQRT1_2 | cos(*val*) |
| SQRT2 | exp(*val*) |
| | floor(*val*) |
| | log(*val*) |
| | max(*val1*, *val2*) |
| | min(*val1*, *val2*) |
| | pow(*val1*, *power*) |
| | random() |
| | round(*val*) |
| | sin(*val*) |
| | sqrt(*val*) |
| | tan(*val*) |

*All properties and methods are of the static Math object.

## Error 32

| | |
|---|---|
| prototype | toString() |
| constructor | |
| description[E] | |
| fileName[E] | |
| lineNumber | |
| message | |
| name | |
| number[E] | |

## Control Statements 32

```
if (condition) {
   statementsIfTrue
}

if (condition)  {
   statementsIfTrue
} else {
   statementsIfFalse
}

result = condition ? expr1 : expr2

for ([init expr]; [condition]; [update expr]) {
   statements
}

for (var in object) {
   statements
}

for each ([var] varName in objectRef) {
   statements
}M1.8.1

with (objRef) {
   statements
}

do {
   statements
} while (condition)

yield valueM1.8.1

while (condition) {
   statements
}

return [value]

switch (expression) {
   case labelN :
      statements
      [break]
   ...
   [default :
      statements]
}

label :
continue [label]
break [label]

try {
   statements to test
}
catch (errorInfo) {
   statements if exception occurs in try block
}
[finally {
   statements to run, exception or not
}]

throw value
```

## Number 29

| | |
|---|---|
| constructor | toExponential(n) |
| MAX_VALUE | toFixed(n) |
| MIN_VALUE | toLocaleString() |
| NaN | toString([radix]) |
| NEGATIVE_INFINITY | toPrecision(n) |
| POSITIVE_INFINITY | valueOf() |
| prototype | |

## Boolean 29

| | |
|---|---|
| constructor | toString() |
| prototype | valueOf() |

# JavaScript and Browser Objects Quick Reference

## Globals — 35

**Functions**
atob()$^M$
btoa()$^M$
decodeURI("*encodedURI*")
decodeURIComponent("*encComp*")
encodeURI("*URIString*")
encodeURIComponent("*compString*")
escape("*string*" [,1])
eval("*string*")
isFinite(*number*)
isNaN(*expression*)
isXMLName("*string*")$^{M1.8.1}$
Number("*string*")
parseFloat("*string*")
parseInt("*string*" [,*radix*])
toString([*radix*])
unescape("*string*")
unwatch(*prop*)
watch(*prop, handler*)

**Statements**
// /*...*/
const
var

## Appendix A
## JavaScript Bible, 6th Edition
## by Danny Goodman

### How to Use This Quick Reference

This guide contains quick reference info for the core JavaScript language and browser object models starting with IE 5.5, Mozilla, and Safari.

Numbers in the upper right corners of object squares are chapter numbers in which the object is covered in detail.

Each term is supported by all baseline browsers unless noted with a superscript symbol indicating browser brand and version:

  E—Internet Explorer  M—Mozilla  S—Safari
For example, M1.4 means the term is supported only by Mozilla 1.4 or later; E means the terms is supported only by Internet Explorer.

## Operators — 33

**Comparison**

| | |
|---|---|
| == | Equals |
| === | Strictly equals |
| != | Does not equal |
| !== | Strictly does not equal |
| > | Is greater than |
| >= | Is greater than or equal to |
| < | Is less than |
| <= | Is less than or equal to |

**Arithmetic**

| | |
|---|---|
| + | Plus (and string concat.) |
| - | Minus |
| * | Multiply |
| / | Divide |
| % | Modulo |
| ++ | Increment |
| -- | Decrement |
| -*val* | Negation |

**Assignment**

| | |
|---|---|
| = | Equals |
| += | Add by value |
| -= | Subtract by value |
| *= | Multiply by value |
| /= | Divide by value |
| %= | Modulo by value |
| <<= | Left shift by value |
| >>= | Right shift by value |
| >>>= | Zero fill by value |
| &= | Bitwise AND by value |
| \|= | Bitwise OR by value |
| ^= | Bitwise XOR by value |

**Boolean**

| | |
|---|---|
| && | AND |
| \|\| | OR |
| ! | NOT |

**Bitwise**

| | |
|---|---|
| & | Bitwise AND |
| \| | Bitwise OR |
| ^ | Bitwise XOR |
| ~ | Bitwise NOT |
| << | Left shift |
| >> | Right shift |
| >>> | Zero fill right shift |

**Miscellaneous**

| | |
|---|---|
| , | Series delimiter |
| delete | Property destroyer |
| in | Item in object |
| instanceof | Instance of |
| new | Object creator |
| this | Object self-reference |
| typeof | Value type |
| void | Return no value |

## frameset — 16

border
borderColor$^E$
cols
frameBorder$^E$
frameSpacing$^E$
rows

(None)

onload

## iframe — 16

align
allowTransparency$^E$
contentDocument$^{MS}$
contentWindow$^{EM}$
frameBorder$^E$
frameSpacing$^E$
height
hspace$^E$
longDesc
marginHeight
marginWidth
name
noResize
scrolling
src
vspace$^E$
width

## frame — 16

allowTransparency$^E$
borderColor$^E$
contentDocument$^{MS}$
contentWindow$^{EM}$
frameBorder
height$^E$
longDesc
marginHeight
marginWidth
name
noResize
scrolling
src
width$^E$

## popup$^E$ — 16

document
isOpen

hide()
show()

## location — 17

hash
host
hostname
href
pathname
port
protocol
search

assign("*url*")
reload([*unconditional*])
replace("*url*")

## history — 17

current$^{M(signed)}$
length
next$^{M(signed)}$
previous$^{M(signed)}$

back()
forward()
go(*int* | "*url*")

## window — 16

appCore$^M$
clientInformation$^{ES1.2}$
clipboardData$^E$
closed
Components[]$^M$
content$^M$
controllers[]$^M$
crypto$^M$
defaultStatus
dialogArguments$^E$
dialogHeight$^E$
dialogLeft$^E$
dialogTop$^E$
dialogWidth$^E$
directories$^M$
document
event$^{ES}$
external$^E$
frameElementEMS1.2
frames[]
fullScreen$^{M1.4}$
history
innerHeight$^{MS}$
innerWidth$^{MS}$
length
location
locationbar$^M$
menubar$^M$
name
navigator
netscape$^M$
offscreenBuffering$^{ES1.2}$
opener
outerHeight$^{MS}$
outerWidth$^{MS}$
pageXOffset$^{MS}$
pageYOffset$^{MS}$
parent
personalbar$^M$
pkcs11$^M$
prompter$^M$
returnValue$^E$
screen
screenLeft$^{ES1.2}$
screenTop$^{ES1.2}$
screenX$^{MS1.2}$
screenY$^{MS1.2}$
scrollbars$^M$
scrollMaxX$^{M1.4}$
scrollMaxY$^{M1.4}$
scrollX$^{MS}$
scrollY$^{MS}$
self
sidebar$^M$
status
statusbar$^M$
toolbar$^M$
top
window

addEventListener("*evt*", *func*,*capt*)$^{MS}$
alert("*msg*")
attachEvent("*evt*", *func*)$^E$
back()$^M$
blur()
clearInterval(ID)
clearTimeout(ID)
close()
confirm("*msg*")
createPopup()$^E$
detachEvent("*evt*", *func*)$^E$
dispatchEvent()$^{MS}$
dump("*msg*")$^{M1.4}$
execScript("*exprList*"[, *lang*])$^E$
find(["*str*"[, *case*[, *up*]])$^M$
fireEvent("*evt*"[, *evtObj*])$^E$
focus()
forward()$^M$
geckoActiveXObject(ID)$^{M1.4}$
getComputedStyle(*node*, "")$^M$
getSelection()$^{MS}$
home()$^M$
moveBy($\Delta$x, $\Delta$y)
moveTo(x, y)
navigate("*url*")$^E$
open("*url*", "*name*"[, *specs*])
openDialog("*url*", "*name*"[, *specs*])$^M$
print()
prompt("*msg*", "*reply*")
removeEventListener("*evt*", *func*,*capt*)$^{MS}$
resizeBy($\Delta$x, $\Delta$y)
resizeTo(*width*, *height*)
scroll()
scrollBy($\Delta$x, $\Delta$y)
scrollByLines(n)$^M$
scrollByPages(n)$^M$
scrollTo(x, y)
setInterval(*func*, *msecs*[, *args*])
setTimeout(*func*, *msecs*[, *args*])
showHelp("*url*")$^E$
showModalDialog("*url*"[, *args*][, *features*])$^{ES2.01}$
showModelessDialog("*url*"[, *args*][, *features*])$^E$
sizeToContent()$^M$
stop()$^M$

onabort$^M$
onafterprint$^E$
onbeforeprint$^E$
onbeforeunload$^E$
onblur
onclick
onclose
onerror
onfocus
onhelp$^E$
onkeydown
onkeypress
onkeyup
onload
onmousedown
onmousemove
onmouseout
onmouseover
onmouseup
onmove
onreset
onresize$^{EM}$
onscroll$^{EMS1.3}$
onunload

# JavaScript and Browser Objects Quick Reference

## document 18

activeElement$^E$
alinkColor
anchors[]
applets[]
baseURI$^M$
bgColor
body
charset$^E$
characterSet$^M$
compatMode$^{EM}$
contentType$^M$
cookie
defaultCharset$^E$
defaultView$^M$
designMode$^{EM}$
doctype$^M$
documentElement
documentURI$^{M1.7}$
domain
embeds[]
expando$^E$
fgColor
fileCreatedDate$^E$
fileModifiedDate$^E$
fileSize$^E$
forms[]
frames[]
height$^{MS}$
images[]
implementation$^{E6MS}$
inputEncoding$^{M1.8}$
lastModified
linkColor
links[]
location
media$^E$
mimeType$^E$
nameProp$^{E6}$
namespaces[]
parentWindow$^E$
plugins[]
protocol$^E$
referrer
scripts[]$^E$
security$^E$
selection$^E$
strictErrorChecking$^{M1.8}$
styleSheets[]
title
URL
URLUnencoded$^E$
vlinkColor
width$^{MS}$
xmlEncoding$^{M1.8}$
xmlStandalone$^{M1.8}$
xmlVersion$^{M1.8}$

clear()
close()
createAttribute("name")$^{E6MS}$
createCDATASection("data")$^M$
createComment("text")$^{E6MS}$
createDocumentFragment()$^{E6MS}$
createElement("tagname")
createElementNS("uri", "tagname")
createEvent("evtType")$^{MS}$
createEventObject([evtObj])$^E$
createNSResolver(nodeResolver)$^M$
createRange()$^M$
createStyleSheet(["url"[, index]])$^E$
createTextNode("text")
createTreeWalker(root, what, filterfunc, exp)$^{M1.4}$
elementFromPoint(x, y)$^E$
evaluate("expr", node, resolver, type, result)$^M$
execCommand("cmd"[, UI][, param])$^{EM1.3S1.3}$
getElementById("ID")
getElementsByName("name")
importNode(node, deep)$^M$
open(["mimetype"][, "replace"])
queryCommandEnabled("commandName")$^{EM1.3}$
queryCommandIndterm("commandName")
queryCommandState("commandName")
queryCommandSupported("commandName")
queryCommandText("commandName")
queryCommandValue("commandName")
recalc([all])$^E$
write("string")
writeln("string")

onselectionchange$^E$
onstop$^E$

## All HTML Element Objects 15

accessKey
all[]$^E$
attributes[]
baseURI$^M$
behaviorUrns[]$^E$
canHaveChildren$^E$
canHaveHTML$^E$
childNodes[]
children$^{ES1.2}$
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className
clientHeight
clientLeft$^E$
clientTop$^E$
clientWidth
contentEditable$^{ES1.2}$
currentStyle$^E$
dateTime$^{E6M}$
dataFld$^E$
dataFormatAs$^E$
dataSrc$^E$
dir
disabled
document$^{ES1.2}$
filters[]$^E$
firstChild
height
hideFocus$^E$
id
innerHTML
innerText$^{ES}$
isContentEditable$^{ES1.2}$
isDisabled$^E$
isMultiLine$^E$
isTextEdit$^E$
lang
language$^E$
lastChild
length
localName$^{MS}$
namespaceURI$^{MS}$
nextSibling
nodeName
nodeType
nodeValue
offsetHeight
offsetLeft
offsetParent
offsetTop
offsetWidth
outerHTML$^{ES1.3}$
outerText$^{ES1.3}$
ownerDocument
parentElement$^{ES1.2}$
parentNode
parentTextEdit$^E$
prefix$^{MS}$
previousSibling
readyState$^E$
recordNumber$^E$
runtimeStyle$^E$
scopeName$^E$
scrollHeight
scrollLeft
scrollTop
scrollWidth
sourceIndex$^E$
style
tabIndex
tagName
tagUrn$^E$
textContent$^{M1.7}$
title
uniqueID$^E$
unselectable$^E$
width

addBehavior("url")$^E$
addEventListener("evt", func, capt)$^{MS}$
appendChild(node)
applyElement(elem[, type])$^E$
attachEvent("evt", func)$^E$
blur()
clearAttributes()$^E$
click()
cloneNode(deep)
compareDocumentPosition(node)$^{M1.4}$
componentFromPoint(x, y)$^E$
contains(elem)$^E$
createControlRange()$^E$
detachEvent("evt", func)$^E$
dispatchEvent(evtObj)$^{MS}$
doScroll("action")$^E$
dragDrop()$^E$
fireEvent("evtType"[, evtObj])$^E$
focus()
getAdjacentText("where")$^E$
getAttribute("name"[, case])
getAttributeNode("name")$^{E6MS}$
getAttributeNodeNS("uri", "name")$^M$
getAttributeNS("uri", "name")
getBoundingClientRect()$^E$
getClientRects()$^E$
getElementsByTagName("tagname")
getElementsByTagNameNS("uri", "name")$^M$
getExpression("attrName")$^E$
getFeature("feature", "version")$^{M1.7.2}$
getUserData("key")$^{M1.7.2}$
hasAttribute("attrName")$^{MS}$
hasAttributeNS("uri", "name")$^M$
hasAttributes()$^{MS}$
hasChildNodes()
insertAdjacentElement("where", obj)$^E$
insertAdjacentHTML("where", "HTML")$^E$
insertAdjacentText("where", "text")$^E$
insertBefore(newNode, refNode)
isDefaultNamespace("uri")$^{M1.7.2}$
isEqualNode(node)$^{M1.7.2}$
isSameNode(node)$^{M1.7.2}$
isSupported("feature", "version")$^{MS}$
item(index)
lookupNamespaceURI("prefix")$^{M1.7.2}$
lookupPrefix("uri")$^{M1.7.2}$
mergeAttributes(srcObj)$^E$
normalize()
releaseCapture()$^E$
removeAttribute("attrName"[, case])
removeAttributeNode(attrNode)$^{E6MS}$
removeAttributeNS("uri", "name")$^M$
removeBehavior(ID)$^E$
removeChild(node)
removeEventListener("evt", func, capt)$^{MS}$
removeExpression("propName")$^E$
removeNode(childrenFlag)$^E$
replaceAdjacentText("where", "text")$^E$
replaceChild(newNode, oldNode)
replaceNode(newNode)$^E$
scrollIntoView(topFlag)$^{EMS2.02}$
setActive()$^E$
setAttribute("name", "value"[, case])
setAttributeNode(attrNode)$^{E6MS}$
setAttributeNodeNS("uri", "name")$^M$
setAttributeNS("uri", "name", "value")$^M$
setCapture(containerFlag)$^E$
setExpression("propName", "expr")$^E$
setUserData("key", data, handler)$^{M1.7.2}$
swapNode(nodeRef)$^E$
tags("tagName")$^E$
toString()
urns("behaviorURN")$^E$

onactivate$^E$
onafterupdate$^E$
onbeforecopy$^{ES1.3}$
onbeforecut$^{ES1.3}$
onbeforedeactivate$^E$
onbeforeeditfocus$^E$
onbeforepaste$^{ES1.3}$
onbeforeupdate$^E$
onblur
oncellchange$^E$
onclick
oncontextmenu$^{EM}$
oncontrolselect$^E$
oncopy$^{ES1.3}$
oncut$^{ES1.3}$
ondataavailable$^E$
ondatasetchanged$^E$
ondatasetcomplete$^E$
ondblclick
ondeactivate$^E$
ondrag$^{ES1.3}$
ondragend$^{ES1.3}$
ondragenter$^{ES1.3}$
ondragleave$^{ES1.3}$
ondragover$^{ES1.3}$
ondragstart$^{ES1.3}$
ondrop$^{ES1.3}$
onerrorupdate$^E$
onfilterchange$^E$
onfocus
onfocusin$^E$
onfocusout$^E$
onhelp$^E$
onkeydown
onkeypress
onkeyup
onlayoutcomplete$^E$
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onresize
onresizeend$^E$
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onrowenter$^E$
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charset
disabled
href
hreflang$^{E6MS}$
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sheet$^M$
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type

(None)

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version$^{E6MS}$

## head 37

profile

## title 37

text

## base 37

href
target

## script 37

defer
event
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src
text
type

## meta 37

charset$^E$
content
httpEquiv
name
url$^E$

# JavaScript and Browser Objects Quick Reference

## body   18

alink
background
bgColor
bgProperties$^E$
bottomMargin$^E$
leftMargin$^E$
link
noWrap$^E$
rightMargin$^E$
scroll$^E$
scrollLeft$^{EM}$
scrollTop$^{EM}$
text
topMargin$^E$
vLink

createControlRange()$^E$
createTextRange()$^E$
doScroll("*scrollAction*")$^E$

onafterprint$^E$
onbeforeprint$^E$
onscroll$^E$

## h1...h6   36

align

## br   36

clear

## blockquote, q   36

cite$^{E6MS}$

## font   36

color
face
size

## marquee   36

behavior$^E$
bgColor$^E$
direction$^{EM}$
height$^{EM}$
hspace$^{EM}$
loop$^E$
scrollAmount$^{EM}$
scrollDelay$^{EM}$
trueSpeed$^E$
vspace$^E$
width$^E$

start()$^{EM}$
stop()$^{EM}$

onbounce$^E$
onfinish$^E$
onstart$^E$

## ol   38

start
type

## ul   38

type

## li   38

type
value

## hr   36

align
color$^E$
noShade
size
width

## dl, dt, dd   38

compact

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fillStyle
globalAlpha
globalCompositeOperation
lineCap
lineJoin
lineWidth
miterLimit
shadowBlur
shadowColor
shadowOffsetX
shadowOffsetY
strokeStyle
target

arc(x, y, *radius*, *start*, *end*, *clockwise*)
arcTo(*x1*, *y1*, *x2*, *y2*, *radius*)
bezierCurveTo(*cp1x*, *cp1y*, *cp2x*, *cp2y*, x, y)
beginPath()
clearRect(x, y, *width*, *height*)
clip()
closePath()
createLinearGradient(*x1*, *y1*, *x2*, *y2*)
createPattern(*img*, *repetition*)
createRadialGradient(*x1*, *y1*, *radius1*, *x2*, *y2*, *radius2*)
drawImage(*img*, x, y)
drawImage(*img*, x, y, *width*, *height*)
fill()
fillRect(x, y, *width*, *height*)
getContext(*contextID*)
lineTo(x, y)
moveTo(x, y)
quadraticCurveTo(*cpx*, *cpy*, x, y)
rect(x, y, *width*, *height*)
restore()
rotate(*angle*)
save()
scale(x, y)
stroke()
strokeRect(x, y, *width*, *height*)
translate(x, y)

## img   20

align
alt
border
complete$^{EM}$
dynsrc$^E$
fileCreatedDate$^E$
fileModifiedDate$^E$
fileSize$^E$
fileUpdatedDate$^E$
height
href
hspace
isMap
longDesc$^{E6MS}$
loop$^E$
lowsrc$^{EM}$
mimeType$^{E6}$
name
nameProp$^E$
naturalHeight$^M$
naturalWidth$^M$
protocol$^E$
src
start$^E$
useMap
vspace
width
x$^{MS}$
y$^{MS}$

(None)

onabort
onerror
onload

## selection   36

anchorNode$^M$
anchorOffset$^M$
focusNode$^M$
focusOffset$^M$
isCollapsed$^M$
rangeCount$^M$
type$^E$
typeDetail$^E$

addRange(range)$^M$
clear()$^E$
collapse(node, offset)$^M$
collapseToEnd()$^M$
collapseToStart()$^M$
containsNode(node, entireFlag)$^M$
createRange()$^E$
deleteFromDocument()$^M$
empty()$^E$
extend(node, offset)$^M$
getRangeAt(rangeIndex)$^M$
removeAllRanges()$^M$
removeRange(range)$^M$
selectAllChildren(elementRef)$^M$
toString()$^M$

## map   20

areas[]
name

(None)

onscroll$^E$

## TextRectangle$^E$   36

bottom
left
right
top

## area   20

alt
coords
hash
host
hostname
href
noHref
pathname
port
protocol
search
shape
target

## Range$^{MS}$   36

collapsed
commonAncestorContainer
endContainer
endOffset
startContainer
startOffset

cloneContents()
cloneRange()
collapse([*start*])
compareBoundaryPoints(*type*,*src*)
compareNode(*node*)
comparePoint(*node*, *offset*)
createContextualFragment("*text*")
deleteContents()
detach()
extractContents()
insertNode(*node*)
intersectsNode(*node*)
isPointInRange(*node*, off*offset*set)
selectNode(*node*)
selectNodeContents(*node*)
setEnd(*node*,*offset*)
setEndAfter(*node*)
setEndBefore(*node*)
setStart(*node*,*offset*)
setStartAfter(*node*)
setStartBefore(*node*)
surroundContents(*node*)
toString()

## TextRange$^E$   36

boundingHeight
boundingLeft
boundingTop
boundingWidth
htmlText
offsetLeft
offsetTop
text

collapse([*start*])
compareEndPoints("*type*",*range*)
duplicate()
execCommand("*cmd*"[,*UI*[,*val*]])
expand("*unit*")
findText("*str*"[,*scope*,*flags*])
getBookmark()
getBoundingClientRect()
getClientRects()
inRange(*range*)
isEqual(*range*)
move("*unit*"[,*count*])
moveEnd("*unit*"[,*count*])
moveStart("*unit*"[,*count*])
moveToBookmark("*bookmark*")
moveToElementText(*elem*)
moveToPoint(x,y)
parentElement()
pasteHTML("*HTMLText*")
queryCommandEnabled("*cmd*")
queryCommandIndeterm("*cmd*")
queryCommandState("*cmd*")
queryCommandSupported("*cmd*")
queryCommandText("*cmd*")
queryCommandValue("*cmd*")
scrollIntoView()
select()
setEndPoint("*type*",*range*)

## a   19

charset$^{E6MS}$
coords$^{E6MS}$
hash
host
hostname
href
hreflang$^{E6MS}$
Methods$^E$
mimeType$^E$
name
nameProp$^E$
pathname
port
protocol
rel
rev
search
shape$^{E6MS}$
target
type$^{E6MS}$
urn$^E$

# JavaScript and Browser Objects Quick Reference

## form 21

| | | |
|---|---|---|
| acceptCharset | reset() | onreset |
| action | submit() | onsubmit |
| autocomplete$^E$ | | |
| elements[] | | |
| encoding$^{EM}$ | | |
| enctype$^{E6MS}$ | | |
| length | | |
| method | | |
| name | | |
| target | | |

## input 22/23/24

| | | |
|---|---|---|
| checked$^{(checkbox, radio)}$ | select()$^{(text, password)}$ | onchange$^{(text)}$ |
| complete$^{(image)}$ | | |
| defaultChecked$^{(checkbox, radio)}$ | | |
| defaultValue$^{(text, password)}$ | | |
| form | | |
| maxLength$^{(text)}$ | | |
| name | | |
| readOnly$^{(text)}$ | | |
| size$^{(text)}$ | | |
| src$^{(image)}$ | | |
| type | | |
| value | | |

## textarea 23

| | | |
|---|---|---|
| cols | createTextRange() | onchange |
| form | select() | |
| name | | |
| readOnly | | |
| rows | | |
| type | | |
| value | | |
| wrap | | |

## select 24

| | | |
|---|---|---|
| form | add(*newOption*[, *index*])$^E$ | onchange |
| length | add(*newOption*, *optionRef*)$^{MS}$ | |
| multiple | remove(*index*) | |
| name | | |
| options[] | | |
| options[i].defaultSelected | | |
| options[i].index | | |
| options[i].selected | | |
| options[i].text | | |
| options[i].value | | |
| selectedIndex | | |
| size | | |
| type | | |
| value | | |

## option 24

- defaultSelected
- form
- label
- selected
- text
- value

## fieldset, legend 21

- align
- form

## label 21

- form
- htmlFor

## optgroup$^{E6MS}$ 24

- form
- label

## table 38

| | | |
|---|---|---|
| align | createCaption() | onscroll |
| background$^E$ | createTFoot() | |
| bgColor | createTHead() | |
| border | deleteCaption() | |
| borderColor$^E$ | deleteRow(i) | |
| borderColorDark$^E$ | deleteTFoot() | |
| borderColorLight$^E$ | deleteTHead() | |
| caption | firstPage()$^E$ | |
| cellPadding | insertRow(i) | |
| cells$^E$ | lastPage() | |
| cellSpacing | moveRow(*srcIndex*, *destIndex*)$^E$ | |
| cols$^E$ | nextPage()$^E$ | |
| datePageSize$^E$ | previousPage()$^E$ | |
| frame | refresh()$^E$ | |
| height | | |
| rows | | |
| rules | | |
| summary$^{E6MS}$ | | |
| tbodies | | |
| tFoot | | |
| tHead | | |
| width | | |

## tbody, tfoot, thead 38

| | |
|---|---|
| align | deleteRow(i) |
| bgColor | insertRow(i) |
| ch$^{E6MS}$ | moveRow(*srcIndex*, *destIndex*)$^E$ |
| chOff$^{E6MS}$ | |
| rows | |
| vAlign | |

## tr 38

| | |
|---|---|
| align | deleteCell(i) |
| bgColor | insertCell(i) |
| borderColor | |
| borderColorDark | |
| borderColorLight | |
| cells | |
| ch$^{E6MS}$ | |
| chOff$^{E6MS}$ | |
| height$^E$ | |
| rowIndex | |
| sectionRowIndex | |
| vAlign | |

## col, colgroup 38

- align
- ch$^{E6MS}$
- chOff$^{E6MS}$
- span
- vAlign
- width

## td, th 38

- abbr$^{E6MS}$
- align
- axis$^{E6MS}$
- background$^E$
- bgColor
- borderColor$^E$
- borderColorDark$^E$
- borderColorLight$^E$
- cellIndex
- ch$^E$
- chOff$^E$
- colSpan
- headers
- height
- noWrap
- rowSpan
- vAlign
- width

## caption 38

- align
- vAlign

## screen 39

- availHeight
- availLeft$^{MS}$
- availTop$^{MS}$
- availWidth
- bufferDepth$^E$
- colorDepth
- fontSmoothingEnabled$^E$
- height
- pixelDepth
- updateInterval$^E$
- width

## navigator 39

| | |
|---|---|
| appCodeName | javaEnabled() |
| appMinorVersion$^E$ | preference(*name*[, *val*])$^{M(signed)}$ |
| appName | |
| appVersion | |
| browserLanguage$^E$ | |
| cookieEnabled | |
| cpuClass$^E$ | |
| language$^{MS}$ | |
| mimeTypes$^{MS}$ | |
| onLine$^E$ | |
| oscpu$^{MS}$ | |
| platform | |
| plugins$^{MS}$ | |
| product$^{MS}$ | |
| productSub$^{MS}$ | |
| securityPolicy$^M$ | |
| systemLanguage$^E$ | |
| userAgent | |
| userLanguage | |
| userProfile$^E$ | |
| vendor$^{MS}$ | |
| vendorSub$^{MS}$ | |

# JavaScript and Browser Objects Quick Reference

## event 25

altKey
altLeft[E]
behaviorCookie[E6]
behaviorPart[E]
bookmarks[E6]
boundElements[E6]
bubbles[MS]
button
cancelable[MS]
cancelBubble
charCode[MS]
clientX
clientY
contentOverflow[E]
ctrlKey
ctrlLeft[E]
currentTarget[MS]
dataFld[E6]
dataTransfer[ES2]
detail[MS2]
eventPhase[MS]
fromElement[E]
isChar[MS]
isTrusted[M1.7.5]
keyCode
layerX[MS]
layerY[MS]
metaKey[MS]
nextPage[E]
offsetX[E]
offsetY[E]
originalTarget[M]
pageX[MS]
pageY[MS]
propertyName[E]
qualifier[E6]
reason[E6]
recordset[E6]
relatedTarget[MS]
repeat[E]
returnValue[ES1.2]
saveType[E]
screenX
screenY
shiftKey
shiftLeft[E]
srcElement[ES1.2]
srcFilter[E]
srcUrn[E]
target[MS]
timeStamp[MS]
toElement[E]
type
view[MS]
wheelData[E]
x[E]
y[E]

initEvent()[MS]
initKeyEvent()[MS]
initMouseEvent()[MS]
initMutationEvent()[MS]
initUIEvent()[MS]
preventDefault()[MS]
stopPropagation()[MS]

## XMLHttpRequest[EMS1.2] 27

readyState
responseText
responseXML
status
statusText

abort()
getAllResponseHeaders()
getResponseHeader(*"headerName"*)
open(*"method"*, *"url"* [, *asyncFlag*])
send(*data*)
setRequestHeader(*"name"*, *"value"*)

onreadystatechange

## applet 39

align                     (Applet methods)
alt[E6MS]
altHTMLE
archive[E6MS]
code
codeBase
height
hspace
name
object[E]
vspace
width
(Applet variables)

## object 39

align[ES]                 (Object methods)
altE6
altHTML[E]
archive[E6MS]
baseHref[E]
baseURI[M]
border[E6MS]
classid[E]
code
codeBase
codeType
contentDocument[M]
data
declare[E6MS]
form
height
hspace
name
object[E]
standby[E6MS]
type
useMap[E6MS]
vspace
width
(Object variables)

## embed 39

align[M]
height[EM]
hiddenE
name
pluginspage[M]
src[M]
units[M]
width[EM]
(Object variables)

## mimeType[MS] 39

description
enabledPlugin
type
suffixes

## plugin[MS] 39

name                refresh()
filename
description
length

## Notes

# JavaScript and Browser Objects Quick Reference

## style — 26

### Text & Fonts
color
font
fontFamily
fontSize
fontSizeAdjust[M]
fontStretch[M]
fontStyle
fontVariant[EMS1.3]
fontWeight
letterSpacing
lineBreak[E]
lineHeight
quotes[M]
rubyAlign[E]
rubyOverhang[E]
rubyPosition[E]
textAlign
textAlignLast[E]
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textDecorationBlink[E]
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textDecorationNone[E]
textDecorationOverline[E]
textDecorationUnderline[E]
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textJustify[E]
textJustifyTrim[E]
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textShadow[MS1.2]
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textUnderlinePosition[E]
unicodeBidi
whiteSpace
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wordSpacing[E6MS]
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### Positioning
bottom
height
left
pixelBottom[ES]
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pixelLeft[ES]
pixelRight[ES]
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pixelWidth[ES]
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posLeft[E]
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posTop[E]
posWidth[E]
position
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top
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zIndex

### Borders & Edges
border
borderBottom
borderLeft
borderRight
borderTop
borderBottomColor
borderLeftColor
borderRightColor
borderTopColor
borderBottomStyle
borderLeftStyle
borderRightStyle
borderTopStyle
borderBottomWidth
borderLeftWidth
borderRightWidth
borderTopWidth
borderColor
borderStyle
borderWidth
margin
marginBottom
marginLeft
marginRight
marginTop
outline[M1.8.1S1.2]
outlineColor[M1.8.1S1.2]
outlineStyle[M1.8.1S1.2]
outlineOffset[M1.8.1S1.2]
outlineWidth[M1.8.1S1.2]
padding
paddingBottom
paddingLeft
paddingRight
paddingTop

### Tables
borderCollapse[EMS1.3]
borderSpacing
captionSide[MS]
emptyCells[MS1.3]
tableLayout

### Lists
listStyle
listStyleImage
listStylePosition
listStyleType

### Background
background
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backgroundColor
backgroundImage
gackgroundPosition
backgroundPositionX[ES1.3]
backgroundPositionY[ES1.3]
backgroundRepeat

### Inline Display & Layout
clear
clip
clipBottom[E]
clipLeft[E]
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content[MS1.3]
counterIncrement[M1.8]
counterReset[M1.8]
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direction
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layoutGridChar[E]
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overflowX[EM1.8S1.2]
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### Printing
orphans[M]
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### Miscellaneous
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cssText[EMS1.3]
imeMode[E]

### Scrollbars
scrollbar3dLightColor[E]
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scrollbarBaseColor[E]
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scrollbarShadowColor[E]
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## styleSheet — 26

cssRules[MS]
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disabled
href
id[E]
imports[E]
media
ownerNode[MS]
ownerRule[MS]
owningElement[E]
pages[E]
parentStyleSheet
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rules
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addImport("url"[, index])[E]
addRule("selector", "spec"[, index])[E]
deleteRule(index)[MS]
insertRule("rule", index)[MS]
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## style (element) — 26

media
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## cssRule, rule — 26

cssText[MS]
parentStyleSheet[MS]
readOnly[E]
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