



## JavaScript Bible 4th Edition

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Danny Goodman

Appendix A

## JavaScript and Browser Objects Quick Reference

JSB4

## Operators

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**Comparison**

==	Equals
=== N4, IE4	Strictly equals
!=	Does not equal
!== N4, IE4	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 N4, IE4	Property destroyer
in N6, IE5.5	Item in object
instanceof N6, W5	Instance of
new	Object creator
this	Object self-reference
typeof N3, IE3	Value type
void N3, IE3	Return no value

# JavaScript and Browser Objects Quick Reference

## Appendix A

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## How to Use This Quick Reference

This guide contains quick reference info for the core JavaScript language, the original document object model (2 pp), the IE4+DHTML object model (4 pp), and the W3C DOM object model(4 pp) as implemented in IE5+ and NN6. All-uppercase object names refer to HTML elements (IE4+ and W3C DOMs). The three columns in each box list the object's properties, methods, and event handlers in that order. Read the compatibility guides for each section.

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

Basic browser and operating system notation codes are as follows:

N — Netscape Navigator    IE — MS Internet Explorer  
W — Win32 OS                    M — Macintosh OS

See the accompanying file for printing and collating instructions in booklet or broadside configurations.

style<sup>IE4,N6</sup>

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**Text & Fonts**

color<sup>IE4, N6</sup>  
font<sup>IE4, N6</sup>  
fontFamily<sup>IE4, N6</sup>  
fontSize<sup>IE4, N6</sup>  
fontSizeAdjust<sup>M5, N6</sup>  
fontStretch<sup>M5, N6</sup>  
fontStyle<sup>IE4, N6</sup>  
fontVariant<sup>IE4, N6</sup>  
fontWeight<sup>IE4, N6</sup>  
letterSpacing<sup>IE4, N6</sup>  
lineBreak<sup>IE5</sup>  
lineHeight<sup>IE4, N6</sup>  
quotes<sup>M5, N6</sup>  
rubyAlign<sup>IE5</sup>  
rubyOverhang<sup>IE5</sup>  
rubyPosition<sup>IE5</sup>  
textAlign<sup>IE4, N6</sup>  
textAlignLast<sup>IE5.5</sup>  
textAutospace<sup>W5</sup>  
textDecoration<sup>IE4, N6</sup>  
textDecorationBlink<sup>IE-Only</sup>  
textDecorationLineThrough<sup>IE-Only</sup>  
textDecorationNone<sup>IE-Only</sup>  
textDecorationOverline<sup>IE-Only</sup>  
textDecorationUnderline<sup>IE-Only</sup>  
textIndent<sup>IE4, N6</sup>  
textJustify<sup>IE5</sup>  
textJustifyTrim<sup>IE5</sup>  
textKashidaSpace<sup>IE5.5</sup>  
textShadow<sup>M5, N6</sup>  
textTransform<sup>IE4, N6</sup>  
textUnderlinePosition<sup>IE5.5</sup>  
unicodeBidi<sup>IE5, N6</sup>  
whiteSpace<sup>IE4, N6</sup>  
wordBreak<sup>W5</sup>  
wordSpacing<sup>IE4, N6</sup>  
wordWrap<sup>IE5.5</sup>  
writingMode<sup>IE5.5</sup>

**Positioning**

bottom<sup>IE5, N6</sup>  
height<sup>IE4, N6</sup>  
left<sup>IE4, N6</sup>  
right<sup>IE5, N6</sup>  
top<sup>IE4, N6</sup>  
width<sup>IE4, N6</sup>  
pixelBottom<sup>IE/W-Only</sup>  
pixelHeight<sup>IE-Only</sup>  
pixelLeft<sup>IE-Only</sup>  
pixelRight<sup>IE/W-Only</sup>  
pixelTop<sup>IE-Only</sup>  
pixelWidth<sup>IE-Only</sup>  
posBottom<sup>IE/W-Only</sup>  
posHeight<sup>IE-Only</sup>  
posLeft<sup>IE-Only</sup>  
posRight<sup>IE/W-Only</sup>  
posTop<sup>IE-Only</sup>  
posWidth<sup>IE-Only</sup>  
position<sup>IE4, N6</sup>  
zIndex<sup>IE4, N6</sup>

**Borders & Edges**

border<sup>IE4, N6</sup>  
borderBottom<sup>IE4, N6</sup>  
borderLeft<sup>IE4, N6</sup>  
borderRight<sup>IE4, N6</sup>  
borderTop<sup>IE4, N6</sup>  
borderBottomColor<sup>IE4, N6</sup>  
borderLeftColor<sup>IE4, N6</sup>  
borderRightColor<sup>IE4, N6</sup>  
borderTopColor<sup>IE4, N6</sup>  
borderBottomStyle<sup>IE4, N6</sup>  
borderLeftStyle<sup>IE4, N6</sup>  
borderRightStyle<sup>IE4, N6</sup>  
borderTopStyle<sup>IE4, N6</sup>  
borderBottomWidth<sup>IE4, N6</sup>  
borderLeftWidth<sup>IE4, N6</sup>  
borderRightWidth<sup>IE4, N6</sup>  
borderTopWidth<sup>IE4, N6</sup>  
borderColor<sup>IE4, N6</sup>  
borderStyle<sup>IE4, N6</sup>  
borderWidth<sup>IE4, N6</sup>  
margin<sup>IE4, N6</sup>  
marginBottom<sup>IE4, N6</sup>  
marginLeft<sup>IE4, N6</sup>  
marginRight<sup>IE4, N6</sup>  
marginTop<sup>IE4, N6</sup>  
outline<sup>M5, N6</sup>  
outlineColor<sup>M5, N6</sup>  
outlineStyle<sup>M5, N6</sup>  
outlineWidth<sup>M5, N6</sup>  
padding<sup>IE4, N6</sup>  
paddingBottom<sup>IE4, N6</sup>  
paddingLeft<sup>IE4, N6</sup>  
paddingRight<sup>IE4, N6</sup>  
paddingTop<sup>IE4, N6</sup>

**Tables**

borderCollapse<sup>M5, N6</sup>  
borderSpacing<sup>M5, N6</sup>  
captionSide<sup>M5, N6</sup>  
emptyCells<sup>M5, N6</sup>  
tableLayout<sup>IE5, N6</sup>

**Lists**

listStyle<sup>IE4, N6</sup>  
listStyleImage<sup>IE4, N6</sup>  
listStylePosition<sup>IE4, N6</sup>  
listStyleType<sup>IE4, N6</sup>

**Background**

background<sup>IE4, N6</sup>  
backgroundAttachment<sup>IE4, N6</sup>  
backgroundColor<sup>IE4, N6</sup>  
backgroundImage<sup>IE4, N6</sup>  
backgroundPosition<sup>IE4, N6</sup>  
backgroundPositionX<sup>IE-Only</sup>  
backgroundPositionY<sup>IE-Only</sup>  
backgroundRepeat<sup>IE4, N6</sup>

**Inline Display & Layout**

clear<sup>IE4, N6</sup>  
clip<sup>IE4, N6</sup>  
clipBottom<sup>W5</sup>  
clipLeft<sup>W5</sup>  
clipRight<sup>W5</sup>  
clipTop<sup>W5</sup>  
content<sup>M5, N6</sup>  
counterIncrement<sup>M5, N6</sup>  
counterReset<sup>M5, N6</sup>  
cssFloat<sup>M5, N6</sup>  
cursor<sup>IE4, N6</sup>  
direction<sup>IE5, N6</sup>  
display<sup>IE4, N6</sup>  
filter<sup>W4</sup>  
floatStyle<sup>M4</sup>  
layoutGrid<sup>W5</sup>  
layoutGridChar<sup>W5</sup>  
layoutGridLine<sup>W5</sup>  
layoutGridMode<sup>W5</sup>  
layoutGridType<sup>W5</sup>  
markerOffset<sup>M5, N6</sup>  
marks<sup>M5, N6</sup>  
maxHeight<sup>M5, N6</sup>  
maxWidth<sup>M5, N6</sup>  
minHeight<sup>M5, N6</sup>  
minWidth<sup>M5, N6</sup>  
overflow<sup>IE4, N6</sup>  
overflowX<sup>W5</sup>  
overflowY<sup>W5</sup>  
styleFloat<sup>IE-Only</sup>  
verticalAlign<sup>IE4, N6</sup>  
visibility<sup>IE4, N6</sup>  
width<sup>IE4, N6</sup>  
zoom<sup>IE5.5</sup>

**Printing**

orphans<sup>M5, N6</sup>  
widows<sup>M5, N6</sup>  
page<sup>M5, N6</sup>  
pageBreakAfter<sup>IE4, N6</sup>  
pageBreakBefore<sup>IE4, N6</sup>  
pageBreakInside<sup>M5, N6</sup>  
size<sup>N6</sup>

**Miscellaneous**

accelerator<sup>W5</sup>  
behavior<sup>W5</sup>  
cssText<sup>IE4, N6</sup>  
imeMode<sup>W5</sup>

**Scrollbars**

scrollbar3dLightColor<sup>IE5.5</sup>  
scrollbarArrowColor<sup>IE5.5</sup>  
scrollbarBaseColor<sup>IE5.5</sup>  
scrollbarDarkShadowColor<sup>IE5.5</sup>  
scrollbarFaceColor<sup>IE5.5</sup>  
scrollbarHighlightColor<sup>IE5.5</sup>  
scrollbarShadowColor<sup>IE5.5</sup>  
scrollbarTrackColor<sup>IE5.5</sup>

JSB4

form			23
action	handleEvent( evt) <sup>N4</sup>	onReset <sup>N3, IE4</sup>	
elements[]	reset() <sup>N3, IE4</sup>	onSubmit	
encoding	submit()		
length			
method			
name			
target			

button, reset, submit			24
checked	click()	onClick	
form	handleEvent( evt) <sup>N3</sup>	onMouseDown <sup>N4, IE4</sup>	
name		onMouseUp <sup>N4, IE4</sup>	
type <sup>N3, IE4</sup>			
value			

checkbox			24
checked	click()	onClick	
defaultChecked	handleEvent( evt) <sup>N3</sup>	onMouseDown <sup>N4, IE4</sup>	
form		onMouseUp <sup>N4, IE4</sup>	
name			
type <sup>N3, IE4</sup>			
value			

radio			24
checked	click()	onClick	
defaultChecked	handleEvent( evt) <sup>N3</sup>	onMouseDown <sup>N4, IE4</sup>	
form		onMouseUp <sup>N4, IE4</sup>	
length			
name			
type <sup>N3, IE4</sup>			
value			

text, textarea, password, hidden			25
defaultValue (1)	blur()	onBlur	
form	focus()	onChange	
name	handleEvent( evt) <sup>N4</sup>	onFocus	
type <sup>N3, IE4</sup>	select()	onKeyDown <sup>N4, IE4</sup>	
value (2)		onKeyPress <sup>N4, IE4</sup>	
		onKeyUp <sup>N4, IE4</sup>	
		onSelect	

(1) Not available for textarea object.

(2) Password value property returns empty string in NN2.

file input control <sup>N3,(1),IE4</sup>			26
form	blur()	onBlur	
name	focus()	onFocus	
type	handleEvent( evt) <sup>N4</sup>	onSelect	
value	select()		

(1) Netscape also calls this the fileUpload object.

select			26
length	blur() <sup>N3, IE4</sup>	onBlur	
name	focus() <sup>N3, IE4</sup>	onChange	
options[i]	handleEvent( evt) <sup>N4</sup>	onFocus	
options[i].defaultSelected			
options[i].index			
options[i].selected			
options[i].text			
options[i].value			
selectedIndex			
type <sup>N3, IE4</sup>			

navigator		28
appName	javaEnabled() <sup>N3, M4</sup>	
appMinorVersion <sup>IE4</sup>	preference(name[, val]) <sup>N4,(S)</sup>	
appName	taintEnabled() <sup>N3, M4</sup>	
appVersion		
browserLanguage <sup>IE4</sup>		
cookieEnabled <sup>N6, IE4</sup>		
cpuClass <sup>IE4</sup>		
language <sup>N4</sup>		
mimeTypes[] <sup>N3, M4</sup>		
onLine <sup>IE4</sup>		
oscpu <sup>N6</sup>		
platform <sup>N4, IE4</sup>		
plugins[] <sup>N3, M4</sup>		
product <sup>N6</sup>		
productSub <sup>N6</sup>		
securityPolicy <sup>N6</sup>		
systemLanguage <sup>IE4</sup>		
userAgent		
userLanguage <sup>IE4</sup>		
userProfile <sup>IE4</sup>		
vendor <sup>N6</sup>		
vendorSub <sup>N6</sup>		

mimeType <sup>N3,M4</sup>		28
description	(None)	
enabledPlugin		
type		
suffixes		

plugin <sup>N3,M4</sup>		28
name	refresh()	
filename		
description		
length		

screen <sup>N4,IE4</sup>		28
availHeight	(None)	
availLeft (1)		
availTop (1)		
availWidth		
bufferDepth (2)		
colorDepth		
fontSmoothingEnabled (2)		
height		
pixelDepth		
updateInterval (2)		
width		
(1)N4+ only.		
(2)IE4+ only.		

## Original DOM Compatibility Guide

Baseline browsers for this section are NN2, IE3/J1, and IE 3.01/Mac. An item with no notation is compatible back to that level. Notations indicate the browser and version in which the property, method, or event handler was introduced. An item showing to be introduced only in IE, for example, does not exist for any NN version.

Except for the window and navigator objects (whose listings cover **all** browsers and versions), new features listed in this section cover only through NN4 (and IE4 when they matched a new NN4 feature). Notations are as follows:

- N3 — New in NN3
- N4 — New in NN4
- J2 — New in IE3, JScript.dll ver.2
- IE4 — New in IE4, all OSes
- (S) — Requires signed scripts (NN)

Additional window and navigator object notations are:

- W4 — IE4+/Windows only
- W5 — IE5+/Windows only
- IE5 — IE5+ all OSes
- IE5.5 — IE5.5+ (only Win tested)
- M4 — IE4+/Mac only
- M5 — IE5+/Mac only
- N6 — New in NN6

Except for items marked N4-Only (which are not carried over into NN6), an item listed for an early browser is also available in the IE4+ and/or W3C DOM object models.

“(None)” means that no methods or events exist for the current object through IE3 and NN4.

JSB4

FORM 23		
action	reset()	onReset
autocomplete <sup>W5</sup>	submit()	onSubmit
elements[]		
encoding		
enctype		
length		
method		
name		
target		

LABEL 23		
htmlFor	(None)	(None)

BUTTON 24		
INPUT (button, reset, submit, radio, checkbox)		
(See original object model button, reset, submit, radio, and checkbox object listings.)		

INPUT (image) 24		
complete	(None)	(None)
form		
name		
src		
type		

INPUT (text, password, hidden) 25		
(See original object model text, password, and hidden object listings.)		
maxLength	(None)	onAfterUpdate <sup>W4</sup>
readOnly		onBeforeUpdate <sup>W4</sup>
size		onErrorUpdate <sup>W4</sup>

TEXTAREA 25		
(See original object model textarea object listing.)		
cols	createTextRange()	onAfterUpdate <sup>W4</sup>
readOnly		onBeforeUpdate <sup>W4</sup>
rows		onErrorUpdate <sup>W4</sup>
wrap		

SELECT 26		
(See original object model select object listing.)		
length	options[i].add( elem[,index] )	(None)
multiple	options[i].remove()	
size		
value		

OPTION 26		
defaultSelected	(None)	(None)
form		
selected		
text		
value		

A (anchor/link) 21	
hash	
host	
hostname	
href	
Methods	
mimeType	
name	
nameProp	
pathname	
port	
protocol	
protocolLong	
rel	
rev	
search	
target	
urn	

## IE4+ DHTML DOM Compatibility Guide

The baseline browser for this section is MSIE 4. An item with no notation is compatible back to that level for all OS versions. Notations as follows:

- W4 — IE4+/Windows only
- W5 — IE5+/Windows only
- IE5 — IE5+ all OSes
- IE5.5 — IE5.5+ (only Win tested)
- M5 — IE5+/Mac

All HTML element objects share items from "All HTML" box on Page 1. "(None)" means no special methods or events for the current object.

OL 27	
compact	
start	
type	

UL 27	
compact	
type	

LI 27	
type	
value	

DL, DT, DD, DIR, MENU	
compact	

IMG 22		
align	(None)	onAbort
alt		onError
border		onLoad
complete		
dynsrc		
fileCreatedDate		
fileModifiedDate		
fileSize		
fileUpdatedDate		
height		
href		
hspace		
isMap		
loop		
lowsrc		
name		
nameProp <sup>W5</sup>		
protocol		
src		
start		
useMap		
vspace		
width		

AREA 22		
alt	(None)	(None)
coords		
hash		
host		
hostname		
href		
noHref		
pathname		
port		
protocol		
search		
shape		
target		

MAP 22		
areas[]	(None)	onScroll
name		

MARQUEE 19		
behavior	start()	onBounce
bgColor	stop()	onFinish
direction		onStart
height		
hspace		
loop		
scrollAmount		
scrollDelay		
trueSpeed		
vspace		
width		

JSB4

STYLE		30
media	(None)	(None)
type		

styleSheet		30
cssText <sup>IE5</sup>	addImport("URL",[,index])	(None)
disabled	addRule("selector", "styleSpec "[,index])	
href	removeRule(index)	
id		
imports[]		
media		
owningElement		
pages[] <sup>IE5.5</sup>		
parentStyleSheet		
readOnly		
rules[]		
title		
type		

currentStyle <sup>IE5</sup> , runtimeStyle <sup>IE5.5</sup>		30
(See <b>style</b> object)		

rule		30
readOnly	(None)	(None)
selectorText		
style		

LINK		20
disabled	(None)	onLoad
href		
hreflang		
media		
rel		
rev		
styleSheet		
target		
type		

SCRIPT		20
defer	(None)	(None)
event		
htmlFor		
language		
src		
text		
type		

event		29
altKey		
altLeft <sup>IE5.5</sup>		
behaviorCookie <sup>W5.5</sup>		
behaviorPart <sup>W5.5</sup>		
bookmarks <sup>W4</sup>		
boundElements		
button		
cancelBubble		
clientX		
clientY		
contentOverflow		
ctrlKey		
ctrlLeft <sup>IE5.5</sup>		
dataFld <sup>W4</sup>		
dataTransfer <sup>W5</sup>		
fromElement		
keyCode		
nextPage <sup>W5.5</sup>		
offsetX		
offsetY		
propertyName <sup>W5</sup>		
qualifier <sup>W4</sup>		
reason <sup>W4</sup>		
recordset <sup>W4</sup>		
repeat <sup>W5</sup>		
returnValue		
saveType <sup>W5.5</sup>		
screenX		
screenY		
shiftKey		
shiftLeft <sup>IE5.5</sup>		
srcElement		
srcFilter <sup>W4</sup>		
srcUrn <sup>W5</sup>		
toElement		
type		
x		
y		

APPLET		32
align	(None)	onCellChange <sup>W5</sup>
altHTML		onDataAvailable <sup>W5</sup>
code		onDatasetChanged <sup>W5</sup>
codeBase		onDatasetComplete <sup>W5</sup>
height		onLoad
hspace		onRowEnter <sup>W5</sup>
name		onRowExit <sup>W5</sup>
vspace		onRowsDelete <sup>W5</sup>
width		onRowsInserted <sup>W5</sup>
		onScroll

OBJECT		32
align	(None)	onCellChange <sup>W5</sup>
altHTML		onDataAvailable <sup>W5</sup>
BaseHref		onDatasetChanged <sup>W5</sup>
classid		onDatasetComplete <sup>W5</sup>
code		onLoad
codeBase		onRowEnter <sup>W5</sup>
codeType		onRowExit <sup>W5</sup>
height		onRowsDelete <sup>W5</sup>
hspace		onRowsInserted <sup>W5</sup>
name		onScroll
object		
type		
vspace		
width		

EMBED		32
align	(None)	onLoad
height		onScroll
hidden		
name		
pluginspage		
src		
units		
width		

XML <sup>W5</sup>		32
src	(None)	(None)
XMLDocument		

FORM			23
acceptCharset <sup>(1)</sup>	reset()	onReset	
action	submit()	onSubmit	
elements[]			
encoding			
enctype			
length			
method			
name			
target			
(1)Not implemented in IE through 5.5.			

FIELDSET, LEGEND			23
align	(None)	(None)	
form			

LABEL			23
accessKey	(None)	(None)	
form <sup>(1)</sup>			
htmlFor			
(1)Not implemented in IE through 5.5.			

BUTTON			24
INPUT (button, reset, submit, radio, checkbox)			
(See original object model button, reset, submit, radio, and checkbox object listings.)			
disabled			

INPUT (image)			24
disabled	(None)	(None)	
form			
name			
src			
type			

INPUT (text, password, hidden)			25
(See original object model text, password, and hidden object listings.)			
disabled	(None)	(None)	
maxLength			
readOnly			
size			

TEXTAREA			25
(See original object model textarea object listing.)			
cols	(None)	(None)	
disabled			
readOnly			
rows			

SELECT			26
(See original object model select object listing.)			
disabled	item( <i>i</i> )	(None)	
length	namedItem("optionID")		
multiple	options[ <i>i</i> ].remove()		
size			
value			

OPTION			26
defaultSelected	(None)	(None)	
disabled			
form			
label <sup>(1)</sup>			
selected			
text			
value			
(1)Not implemented in IE/Windows through 5.5, but is implemented in IE5/Mac.			

OPTGROUP			26
form <sup>(1)</sup>	(None)	(None)	
label <sup>(1)</sup>			
(1)Not implemented in IE/Windows through 5.5, but is implemented in IE5/Mac.			

IMG			22
align	(None)	onAbort	
alt		onError	
border		onLoad	
complete			
height			
href			
hspace			
isMap			
longDesc <sup>(1)</sup>			
lowsrc			
lowSrc <sup>(1)</sup>			
name			
src			
useMap			
vspace			
width			
(1)Not implemented in IE through 5.5.			

OL		27
compact		
start		
type		

UL		27
compact		
type		

DL, DT, DD, DIR, MENU		27
compact		

LI		27
type		
value		

A (anchor/link)		21
charset <sup>(1)</sup>		
coords <sup>(1)</sup>		
hash		
host		
hostname		
href		
hreflang <sup>(1)</sup>		
name		
pathname		
port		
protocol		
rel		
rev		
search		
shape <sup>(1)</sup>		
target		
type <sup>(1)</sup>		
(1)Not implemented in IE through 5.5.		

AREA		22
alt		
coords		
hash		
host		
hostname		
href		
noHref		
pathname		
port		
protocol		
search		
shape		
target		

MAP		22
areas		
name		

JSB4

STYLE			30
media	(None)	(None)	
type			

styleSheet			30
cssRules[]	deleteRule( <i>index</i> ) <sup>(1)</sup>	(None)	
disabled	insertRule( <i>rule</i> , <i>index</i> ) <sup>(1)</sup>		
href			
media			
ownerNode <sup>(1)</sup>			
ownerRule <sup>(1)</sup>			
parentStyleSheet			
title			
type			

(1)Not implemented in IE through 5.5.

cssRule			30
cssText <sup>(2)</sup>	(None)	(None)	
parentStyleSheet <sup>(2)</sup>			
selectorText			
style			
type <sup>(1)</sup>			

(1)Not implemented in IE through 5.5.  
(2)Not implemented in IE through 5.5, but implemented in IE5/Mac.

## W3C DOM Compatibility Guide

Baseline browsers for this section are IE5 and NN6. An item with no notation is compatible with these browsers for all OS versions. Observe footnotes for items missing from IE.

All HTML element objects share items from "All HTML" box on Page 1. "(None)" means no special methods or events for the current object.

LINK			20
charset <sup>(1)</sup>	(None)	(None)	
disabled			
href			
hreflang			
media			
rel			
rev			
target			
type			

(1)Not implemented in IE through 5.5

SCRIPT			20
defer	(None)	(None)	
event			
htmlFor			
language			
src			
text			
type			

event <sup>(1)</sup>		29
altKey	initEvent( <i>type</i> , <i>bubble</i> , <i>cancelable</i> ) (None)	
bubbles	initKeyEvent( <i>type</i> , <i>evtArgs</i> )	
button	initMouseEvent( <i>type</i> , <i>evtArgs</i> )	
cancelBubble	initUIEvent( <i>type</i> , <i>evtArgs</i> )	
cancelable	preventDefault()	
charCode	stopPropagation()	
clientX		
clientY		
ctrlKey		
currentTarget		
detail		
eventPhase		
isChar		
keyCode		
layerX		
layerY		
metaKey		
pageX		
pageY		
relatedTarget		
screenX		
screenY		
shiftKey		
target		
timeStamp		
type		
view		

(1)Not implemented in IE through 5.5.

EMBED			32
align	(None)	onLoad	
height		onScroll	
name			
src			
width			

APPLET		32
align		
alt <sup>(1)</sup>		
archive <sup>(1)</sup>		
code		
codeBase		
height		
hspace		
name		
object <sup>(1)</sup>		
vspace		
width		

(1)Not implemented in IE through 5.5.

OBJECT		32
align		
alt <sup>(1)</sup>		
code		
codeBase		
codeType		
contentDocument		
height		
hspace		
name		
object		
type		
vspace		
width		

(1)Not implemented in IE through 5.5.

## Array<sup>N3,J2</sup> 37

constructor <sup>N4, IE4</sup>	concat( <i>array2</i> ) <sup>N4, IE4</sup>
length	join(" <i>char</i> ")
prototype	push() <sup>N4, IE5.5</sup>
	pop() <sup>N4, IE5.5</sup>
	reverse()
	shift() <sup>N4, IE5.5</sup>
	slice( <i>i</i> , <i>j</i> ) <sup>N4, IE4</sup>
	sort( <i>compareFunc</i> )
	splice( <i>i</i> , <i>j</i> , <i>items</i> ) <sup>N4, IE5.5</sup>
	toLocaleString() <sup>N6, IE5.5</sup>
	toString()
	unshift() <sup>N4, IE5.5</sup>

## Date 36

constructor <sup>N4, IE4</sup>	getFullYear() <sup>N4, J2</sup>
prototype <sup>N3, IE4</sup>	getYear()
	getMonth()
	getDate()
	getDay()
	getHours()
	getMinutes()
	getSeconds()
	getTime()
	getMilliseconds() <sup>N4, J2</sup>
	getUTCFullYear() <sup>N4, J2</sup>
	getUTCMonth() <sup>N4, J2</sup>
	getUTCDate() <sup>N4, J2</sup>
	getUTCDay() <sup>N4, J2</sup>
	getUTCHours() <sup>N4, J2</sup>
	getUTCMinutes() <sup>N4, J2</sup>
	getUTCSeconds() <sup>N4, J2</sup>
	getUTCMilliseconds() <sup>N4, J2</sup>
	setYear( <i>val</i> )
	setFullYear( <i>val</i> ) <sup>N4, J2</sup>
	setMonth( <i>val</i> )
	setDate( <i>val</i> )
	setDay( <i>val</i> )
	setHours( <i>val</i> )
	setMinutes( <i>val</i> )
	setSeconds( <i>val</i> )
	setMilliseconds( <i>val</i> ) <sup>N4, J2</sup>
	setTime( <i>val</i> )
	setUTCFullYear( <i>val</i> ) <sup>N4, J2</sup>
	setUTCMonth( <i>val</i> ) <sup>N4, J2</sup>
	setUTCDate( <i>val</i> ) <sup>N4, J2</sup>
	setUTCDay( <i>val</i> ) <sup>N4, J2</sup>
	setUTCHours( <i>val</i> ) <sup>N4, J2</sup>
	setUTCMinutes( <i>val</i> ) <sup>N4, J2</sup>
	setUTCSeconds( <i>val</i> ) <sup>N4, J2</sup>
	setUTCMilliseconds( <i>val</i> ) <sup>N4, J2</sup>
	getTimezoneOffset()
	toDateString() <sup>IE5.5</sup>
	toGMTString()
	toLocaleDateString() <sup>IE5.5, N6</sup>
	toLocaleString()
	toLocaleTimeString() <sup>IE5.5, N6</sup>
	toString()
	toTimeString() <sup>IE5.5</sup>
	toUTCString() <sup>N4, J2</sup>
	Date.parse(" <i>dateString</i> ")
	Date.UTC( <i>date values</i> )

## String 34

constructor <sup>N4, IE4</sup>	anchor(" <i>anchorName</i> ")
length	big()
prototype <sup>N4, J2</sup>	blink()
	bold()
	charAt( <i>index</i> )
	charCodeAt( <i>i</i> ) <sup>N4, IE4</sup>
	concat( <i>string2</i> ) <sup>N4, IE4</sup>
	fixed()
	fontcolor("# <i>rrggbb</i> ")
	fontSize(1to7)
	fromCharCode( <i>n1...</i> ) <sup>(1),N4, IE4</sup>
	indexOf(" <i>str</i> " [ <i>i</i> ])
	italics()
	lastIndexOf(" <i>str</i> " [ <i>i</i> ])
	link( <i>URL</i> )
	localeCompare() <sup>N6, IE5.5</sup>
	match( <i>regexp</i> ) <sup>N4, IE4</sup>
	replace( <i>regexp</i> , <i>str</i> ) <sup>N4, IE4</sup>
	search( <i>regexp</i> ) <sup>N4, IE4</sup>
	slice( <i>i</i> , <i>j</i> ) <sup>N4, IE4</sup>
	small()
	split( <i>char</i> ) <sup>N3, (2), IE4</sup>
	strike()
	sub()
	substr( <i>start</i> , <i>length</i> ) <sup>N4, IE4</sup>
	substring( <i>intA</i> , <i>intB</i> )
	sup()
	toLocaleLowerCase() <sup>N6, IE5.5</sup>
	toLocaleUpperCase() <sup>N6, IE5.5</sup>
	toLowerCase()
	toString() <sup>N4, IE4</sup>
	toUpperCase()
	valueOf() <sup>N4, IE4</sup>

(1)Method of the static String object.  
 (2)Added behavior in N4 includes: ability to accept a regex parameter; second parameter (limit integer) to limit the number of splits to be included; a space string parameter signifying any white space character.

## Regular Expressions<sup>N4,IE4</sup> 38

global	compile( <i>regexp</i> )
ignoreCase	exec(" <i>string</i> ") <sup>(2)</sup>
input <sup>(1), IE5.5</sup>	test(" <i>string</i> ")
lastIndex	str.match( <i>regexp</i> )
multiline <sup>(1), IE5.5</sup>	str.replace( <i>regexp</i> , <i>str</i> )
lastMatch <sup>(1), IE5.5</sup>	str.search( <i>regexp</i> )
lastParen <sup>(1), IE5.5</sup>	str.split( <i>regexp</i> , <i>limit</i> )
leftContext <sup>(1), IE5.5</sup>	
prototype	
rightContext <sup>(1)</sup>	
source	
\$1...\$9	

(1)Property of the static RegExp object.  
 (2>Returns an array with properties: index, input, [0], [1]...[n].

## Boolean<sup>N3,J2</sup> 35

constructor <sup>N4, IE4</sup>	toString() <sup>N4, IE4</sup>
prototype	valueOf() <sup>N4, IE4</sup>

## Math<sup>(1)</sup> 35

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

(1)All properties & methods are of the static Math object.

## Number<sup>N3,J2</sup> 35

constructor <sup>N4, IE4</sup>	toExponential( <i>n</i> ) <sup>N6, IE5.5</sup>
MAX_VALUE	toFixed( <i>n</i> ) <sup>N6, IE5.5</sup>
MIN_VALUE	toLocaleString() <sup>N6, IE5.5</sup>
NaN	toString( <i>radix</i> ) <sup>N4, IE4</sup>
NEGATIVE_INFINITY	toPrecision( <i>n</i> ) <sup>N6, IE5.5</sup>
POSITIVE_INFINITY	valueOf() <sup>N4, IE4</sup>
prototype	

## Function<sup>N3,J2</sup> 41

arguments	apply( <i>this</i> , <i>argsArray</i> ) <sup>N6, IE5.5</sup>
arity <sup>N4</sup>	call( <i>this</i> , <i>arg1</i> ,... <i>argN</i> ) <sup>N6, IE5.5</sup>
caller <sup>(1)</sup>	toString()
constructor <sup>N4, IE4</sup>	valueOf()
length	
prototype	

(1)Discontinued for N6.

## Globals 42

**Functions**

decodeURI(" <i>encodedURI</i> ") <sup>N6, IE5.5</sup>
decodeURIComponent(" <i>encComp</i> ") <sup>N6, IE5.5</sup>
encodeURI(" <i>URIString</i> ") <sup>N6, IE5.5</sup>
encodeURIComponent(" <i>compString</i> ") <sup>N6, IE5.5</sup>
escape(" <i>string</i> " [ <i>i</i> ,1])
eval(" <i>string</i> ")
isFinite( <i>number</i> ) <sup>N4, IE4</sup>
isNaN( <i>expression</i> )
Number( <i>string</i> ) <sup>N4, IE4</sup>
parseFloat(" <i>string</i> ")
parseInt(" <i>string</i> " [, <i>radix</i> ])
toString( <i>radix</i> )
unescape(" <i>string</i> ")
unwatch( <i>prop</i> ) <sup>N4</sup>
watch( <i>prop</i> , <i>handler</i> ) <sup>N4</sup>

**Statements**

// <i>/*...*/</i>
const <sup>N6</sup>
var

## Control Statements 39

```

if ( condition ) {
    statementsIfTrue
}

if ( condition ) {
    statementsIfTrue
} else {
    statementsIfFalse
}

result = condition ? expr1 : expr2

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

for ( var in object ) {
    statements
}

with ( object ) {
    statements
}

while ( condition ) {
    statements
}

do {
    statements
} while ( condition )N4, IE4

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

label : N4, IE4
continue [ label] N4, IE4
break [ label] N4, IE4

try {
    statements to test
} [catch ( errorInfo) {
    statements if exception occurs in try block
}]
[finally {
    statements to run, exception or not
}]N6, W5

throw value N6, W5
    
```

## Error<sup>N6,W5</sup> 39

prototype	toString()
constructor	
description <sup>W5</sup>	
fileName <sup>N6</sup>	
lineNumber <sup>N6</sup>	
message <sup>N6, IE5.5</sup>	
name <sup>N6, IE5.5</sup>	
number <sup>W5</sup>	



window		16
_content	N6	
appCore	N6	
clientInformation	IE4	
clipboardData	W5	
closed	N3, IE4	
Components	N6	
controllers	N6	
crypto	N6	
defaultStatus		
dialogArguments	W4	
dialogHeight	W4	
dialogLeft	W4	
dialogTop	W4	
dialogWidth	W4	
directories	N4,(S)	
document		
event	IE4	
external	W4	
frameElement	IE5.5	
frames		
history		
innerHeight	N4	
innerWidth	N4	
length	N6, IE4	
loading	N4-Only	
location		
locationbar	N4,(S)	
menubar	N4,(S)	
name		
navigator	N6, IE4	
offscreenBuffering	W4	
opener	IE3, N3	
outerHeight	N4	
outerWidth	N4	
pageXOffset	N4	
pageYOffset	N4	
parent		
personalbar	N4,(S)	
pkcs11	N6	
prompter	N6	
returnValue	W4	
screen	N6, IE4	
screenLeft	W5	
screenTop	W5	
screenX	N6	
screenY	N6	
scrollbars	N4,(S)	
scrollX	N6	
scrollY	N6	
self		
sidebar	N4,(S)	
status		
statusbar	N4,(S)	
toolbar	N4,(S)	
top		
window		
abort	N6	
afterPrint	W5	
beforePrint	W5	
beforeUnload	IE4	
blur	N3, IE4	
blur	N3, IE4	
captureEvents	(type) N4-Only	
clearInterval	(ID) N4, IE4	
clearTimeout	(ID)	
close		
confirm	("msg")	
createPopup	() IE5.5	
detachEvent	("evt",func) IE5	
disableExternalCapture	() N4-Only	
enableExternalCapture	() N4-Only	
execScript	("exprs",lang) IE4	
find	("str")[,case, bkwrd] N4-Only	
fireEvent	("evt",[,evtObj]) IE5.5	
focus	(N3, IE4)	
forward	(N4)	
handleEvent	(event) N4-Only	
home	(N4)	
moveBy	(x, y) N4, IE4	
moveTo	(x,y) N4, IE4	
navigate	(IE3)	
open	(URL,"name",specs) Y(1),(S)	
print	(N4, IE5)	
prompt	("msg","reply")	
releaseEvents	(type) N4-Only	
resizeBy	(x, y) N4, IE4	
resizeTo	(width,height) N4, IE4	
routeEvent	(event) N4-Only	
scroll	(x,y) N3, IE4	
scrollBy	(x, y) N4, IE4	
scrollTo	(x,y) N4, IE4	
setActive	() IE5.5	
setInterval	(func, msec [,args]) N4,IE4,(2)	
setTimeout	(func, msec [,args]) (2)	
showHelp	(W4)	
showModalDialog	(W4)	
showModelessDialog	(W5)	
stop	(N4)	

(1) New window specs for all browsers: height, width, toolbar, location, directories, status, menubar, scrollbars, resizable, copyhistory. Add'l specs for N4+: alwaysLowered(S), alwaysRaised(S), dependent, hotkeys, innerHeight, innerWidth, outerHeight, outerWidth, screenX, screenY, titleBar(S), z-lock(S). Add'l specs for IE4+: channelmode, fullscreen, left, top. Add'l spec for IE5+: title.  
(2) Optional args parameter added to N4; 3rd parameter in IE4 is for scripting language.

document		18
alinkColor		
anchors		
applets	N3, IE4	
bgColor		
cookie		
domain	N3, IE4	
embeds	N3, IE4	
fgColor		
forms		
height	N4	
images	N3, IE4	
lastModified		
layers	N4-Only	
linkColor		
links		
location	(1)	
referrer		
title		
URL	N3, IE4	
vlinkColor		
width	N4	
captureEvents	(type) N4-Only (None)	
clear		
close		
getSelection	(N4,(2))	
handleEvent	(event) N4-Only	
open	("mimetype" [,replace]) (3)	
releaseEvents	(type) N4-Only	
routeEvent	(event) N4-Only	
write	("string")	
writeln	("string")	
onAbort	N6	
onAfterPrint	W5	
onBeforePrint	W5	
onBeforeUnload	IE4	
onBlur	N3, IE4	
onChange	N6	
onClick	N6	
onClose	N6	
onDragDrop	N4,(S)	
onError	N3, IE4	
onFocus	N3, IE4	
onHelp	IE4	
onKeyDown	N6	
onKeyPress	N6	
onKeyUp	N6	
onLoad		
onMouseDown	N6	
onMouseMove	N6	
onMouseOut	N6	
onMouseOver	N6	
onMouseUp	N6	
onMove	N4-Only	
onReset	N6	
onResize	N4, IE4	
onScroll	IE4	
onSelect	N6	
onSubmit	N6	
onUnload		

(1) Replaced by the URL property in Navigator 3.  
(2) M4 has a document.selection property to retrieve the currently selected text.  
(3) mimetype parameter new in M4, but only "text/html" type supported.

layer		N4-Only	31
above	load("filename", y)	onBlur	
background	moveAbove(layerObj)	onFocus	
below	moveBelow(layerObj)	onLoad	
bgColor	moveBy(x, y)	onMouseOut	
clip.bottom	moveTo(x, y)	onMouseOver	
clip.height	moveToAbsolute(x, y)	onMouseUp	
clip.left	resizeBy(x, y)		
clip.right	resizeTo(width, height)		
clip.top			
clip.width			
document			
left			
name			
pageX			
pageY			
parentLayer			
siblingAbove			
siblingBelow			
src			
top			
visibility			
zIndex			

location		17
hash	assign("URL") (None)	
host	reload([unconditional]) N3,IE4	
hostname	replace("URL") N3,IE4	
href		
pathname		
port		
protocol		

link (<A HREF=...></A> )		21
hash	(None)	onClick
host		onDbClick N4,(1),IE4
hostname		onMouseDown N4, IE4
href		onMouseOut N4, IE4
pathname		onMouseOver
port		onMouseUp N4, IE4
protocol		
search		
target		
text	N4	
x	N4	
y	N4	
(1) Not implemented in NN4/Mac		

anchor (<A NAME=...></A> )		21
name	N4, IE4 (None)	(None)
text	N4	
x	N4	
y	N4	

image		N3,(1),IE4	22
border	(None)	onAbort	
complete		onError	
height		onLoad	
hspace			
lowsrc			
name			
src			
vspace			
width			
x	N4		
y	N4		
(1) Implemented in IE3.01/Macintosh but not Windows until IE4.			

area		N3,IE4	22
hash	(None)	onClick N4	
host		onMouseOut	
hostname		onMouseOver	
href			
pathname			
port			
protocol			
search			
target			

history		17
length		
current(S),(1)	back()	(None)
next(S),(1)	forward()	
previous(S),(1)	go(int   "URL")	
(1) Accessible in NN3 via a security technique no longer in use. Available in NN4+ with signed scripts.		

All HTML Elements		15
accessKey	addBehavior(" URL" ) <sup>W5</sup>	onActivate IE5.5
all[]	applyElement( elem[, type] ) <sup>W5</sup>	onBeforeCopy W5
behaviorUrns[] <sup>W5</sup>	attachEvent(" evt", func) <sup>W5</sup>	onBeforeCut <sup>W5</sup>
canHaveChildren <sup>W5</sup>	blur()	onBeforeDeactivate IE5.5
canHaveHTML IE5.5	clearAttributes() W5	onBeforeEditFocus W5
children	click()	onBeforePaste W5
className	componentFromPoint( x, y ) <sup>W5</sup>	onBlur
clientHeight	contains( elem )	onClick
clientLeft	detachEvent(" evt", func) W5	onContextMenu W5
clientTop	fireEvent(" evt", [, evt] ) <sup>IE5.5</sup>	onControlSelect IE5.5
clientWidth	focus()	onCopy W5
contentEditable IE5.5	getAdjacentText() W5	onCut <sup>W5</sup>
currentStyle IE5	getAttribute(" attr", [, case] )	onDblClick
dataFld <sup>W4</sup>	getBoundingClientRect() W5	onDeactivate IE5.5
dataFormatAs <sup>W4</sup>	getClientRects() W5	onDrag <sup>W5</sup>
dataSrc <sup>W4</sup>	getExpression() W5	onDragEnd <sup>W5</sup>
disabled	insertAdjacentElement() W5	onDragEnter <sup>W5</sup>
document	insertAdjacentHTML()	onDragLeave <sup>W5</sup>
filters[] <sup>W4</sup>	insertAdjacentText()	onDragOver <sup>W5</sup>
hideFocus IE5.5	item( index[, subindex ] ) <sup>(1)</sup>	onDragStart <sup>W5</sup>
id	mergeAttributes() W5	onDrop <sup>W5</sup>
innerHTML	releaseCapture() W5	onFilterChange <sup>W4</sup>
innerText	removeAttribute(" attr", [, case] )	onFocus
isContentEditable IE5.5	removeBehavior( ID ) <sup>W5</sup>	onHelp <sup>W4, M5</sup>
isDisabled IE5.5	removeExpression(" prop" ) <sup>W5</sup>	onKeyDown
isMultiLine IE5.5	removeNode( children ) <sup>W5</sup>	onKeyPress
isTextEdit <sup>W4</sup>	replaceAdjacentText(" loc", "txt" ) <sup>W5</sup>	onKeyUp
lang	replaceNode( new ) <sup>W5</sup>	onLoseCapture <sup>W5</sup>
language	scrollIntoView( top )	onMouseDown
length <sup>(1)</sup>	setActive() IE5.5	onMouseEnter IE5.5
offsetHeight	setAttribute(" attr", val[, case] )	onMouseLeave IE5.5
offsetLeft	setCapture( container ) <sup>W5</sup>	onMouseMove
offsetParent	setExpression(" prop", "expr", "lang" ) <sup>W5</sup>	onMouseOut
offsetTop	swapNode( node ) <sup>W5</sup>	onMouseOver
offsetWidth	tags( "tag" ) <sup>(1)</sup>	onMouseUp
outerHTML	urns("URN") <sup>W5, (1)</sup>	onPaste <sup>W5</sup>
outerText		onPropertyChange <sup>W5</sup>
parentElement <sup>W4</sup>		onReadyStateChange
parentTextEdit		onResize
readyState		onResizeEnd IE5.5
recordNumber <sup>W4</sup>		onResizeStart IE5.5
runtimeStyle <sup>W5</sup>		onSelectStart
scopeName <sup>W5</sup>		
scrollHeight		
scrollLeft		
scrollTop		
scrollWidth		
sourceIndex		
style		
tabIndex		
tagName		
tagUrn <sup>W5</sup>		
title		
uniqueID <sup>W5</sup>		

(1)Property or method of all object collections

FRAMESET	16
border	
borderColor	
frameBorder	
frameSpacing	
rows	

FRAME	16
borderColor	
Document	
frameBorder	
height	
marginHeight	
marginWidth	
noResize	
scrolling	
src	
width	

IFRAME	16
align	
Document	
frameBorder	
frameSpacing	
hspace	
marginHeight	
marginWidth	
scrolling	
src	
vspace	

BASE	20
href	
target	

BASEFONT	20
color	
face	
size	

META	20
charset	
content	
httpEquiv	
name	
url	

TITLE	20
text	

document	18	
activeElement	attachEvent(" evt", func) <sup>IE5</sup>	onActivate IE5.5
alinkColor	clear()	onBeforeCut <sup>W5</sup>
all	clearAttributes() IE5	onBeforeDeactivate IE5.5
anchors[]	close()	onBeforeEditFocus <sup>W5</sup>
applets[]	createElement(" tag" )	onBeforePaste <sup>W5</sup>
bgColor	createEventObject([ evt] ) <sup>IE5.5</sup>	onClick
body	createStyleSheet([" URL", index] )	onContextMenu <sup>W5</sup>
charset	detachEvent(" evt", func) <sup>IE5</sup>	onControlSelect IE5.5
cookie	elementFromPoint( x, y )	onCut
defaultCharSet	execCommand(" cmd", [, U], [, arg] )	onDblClick
designMode <sup>W5</sup>	focus()	onDeactivate IE5.5
doctype	mergeAttributes( obj ) <sup>W5</sup>	onDrag <sup>W5</sup>
domain	open([" mimeType", [, replace] )	onDragEnd <sup>W5</sup>
embeds[]	queryCommandEnabled(" cmd" )	onDragEnter <sup>W5</sup>
expando	queryCommandIndeterm(" cmd" )	onDragLeave <sup>W5</sup>
fgColor	queryCommandState(" cmd" )	onDragOver <sup>W5</sup>
fileCreatedDate	queryCommandSupported(" cmd" )	onDragStart <sup>W5</sup>
fileModifiedDate	queryCommandText(" cmd" )	onDrop <sup>W5</sup>
fileSize	queryCommandValue(" cmd" )	onHelp <sup>W4, M5</sup>
forms[]	recalc( allFlag ) <sup>W5</sup>	onKeyDown
frames[]	releaseCapture() IE5	onKeyPress
images[]	setActive() IE5.5	onKeyUp
lastModified	write(" str" )	onMouseDown
linkColor	writeln(" str" )	onMouseMove
links[]		onMouseOut
location		onMouseOver
media <sup>IE5.5</sup>		onMouseUp
mimeType <sup>W5</sup>		onPaste
namespaces[] <sup>IE5.5</sup>		onPropertyChange <sup>W5</sup>
parentWindow		onReadyStateChange
plugins[]		onResizeEnd IE5.5
protocol		onResizeStart IE5.5
readyState		onSelectionChange
referrer		onStop IE5
scripts[]		
security <sup>IE5.5</sup>		
selection		
styleSheets[]		
title		
uniqueID		
URL		
URLUnencoded <sup>IE5.5</sup>		
vlinkColor		

BODY	18	
alink	createControlRange() <sup>W5</sup>	onAfterPrint <sup>W5</sup>
background	createTextRange()	onBeforePrint <sup>W5</sup>
bgColor	doScroll([ " scrollAction " ] ) <sup>W5</sup>	onScroll
bgProperties		
bottomMargin		
leftMargin		
link		
noWrap		
rightMargin		
scroll		
scrollLeft		
scrollTop		
text		
topMargin		
vLink		

popup <sup>W5.5</sup>	16	
document	hide()	(None)
isOpen	show()	

TABLE 27		
align	createCaption()	onScroll
background	createTFoot()	
bgColor	createTHead()	
border	deleteCaption()	
borderColor	deleteRow( <i>i</i> )	
borderColorDark	deleteTFoot()	
borderColorLight	deleteTHead()	
caption	firstPage() <sup>W5</sup>	
cellPadding	insertRow( <i>i</i> )	
cellSpacing	lastPage() <sup>W5</sup>	
cells[]	moveRow( <i>srcIndex</i> , <i>destIndex</i> ) <sup>W5</sup>	
cols[]	nextPage() <sup>W4</sup>	
datePageSize	previousPage() <sup>W4</sup>	
frame	refresh()	
height		
rows[]		
rules		
tBodies[]		
tFoot		
tHead		
width		

TBODY, TFOOT, THEAD 27		
align	deleteRow( <i>i</i> )	(None)
bgColor	insertRow( <i>i</i> )	
rows	moveRow( <i>srcIndex</i> , <i>destIndex</i> )	
vAlign		

TR 27		
align	deleteCell( <i>i</i> )	(None)
bgColor	insertCell( <i>i</i> )	
borderColor		
borderColorDark		
borderColorLight		
cells[]		
height		
rowIndex		
sectionRowIndex		
vAlign		

TD, TH 27	
align	
background	
bgColor	
borderColor	
borderColorDark	
borderColorLight	
cellIndex	
colSpan	
height	
noWrap	
rowSpan	
vAlign	
width	

COL, COLGROUP 27	
align	
span	
vAlign	
width	

CAPTION 27	
align	
vAlign	

H1...H6 19	
align	

HR 19	
align	
color	
noShade	
size	
width	

BR 19	
clear	

FONT 19	
color	
face	
size	

## IE4+ DHTML DOM Compatibility Guide

The baseline browser for this section is MSIE 4. An item with no notation is compatible back to that level for all OS versions. Notations as follows:

- W4 — IE4+/Windows only
- W5 — IE5+/Windows only
- IE5 — IE5+ all OSes
- IE5.5 — IE5.5+ (only Win tested)
- M5 — IE5+/Mac

All HTML element objects share items from "All HTML" box on Page 1. "(None)" means no special methods or events for the current object.

This Quick Reference does not contain listings for Microsoft's separate XML DOM.

TextRange <sup>W4</sup> 19		
boundingHeight	collapse([ <i>start</i> ])	(None)
boundingLeft	compareEndPoints(" <i>type</i> ", <i>range</i> )	
boundingTop	duplicate()	
boundingWidth	execCommand(" <i>cmd</i> ", <i>UI</i> , <i>val</i> )]	
htmlText	expand(" <i>unit</i> ")	
offsetLeft	findText(" <i>str</i> ", <i>scope</i> , <i>flags</i> )	
offsetTop	getBookmark()	
text	getBoundingClientRect()	
	getClientRects()	
	inRange( <i>range</i> )	
	isEqual( <i>range</i> )	
	move(" <i>unit</i> ", <i>count</i> )	
	moveEnd(" <i>unit</i> ", <i>count</i> )	
	moveStart(" <i>unit</i> ", <i>count</i> )	
	moveToBookmark(" <i>bookmark</i> ")	
	moveToElementText( <i>elem</i> )	
	moveToPoint( <i>x</i> , <i>y</i> )	
	parentElement()	
	pasteHTML(" <i>HTMLText</i> ")	
	queryCommandEnabled(" <i>cmd</i> ")	
	queryCommandIndeterm(" <i>cmd</i> ")	
	queryCommandState(" <i>cmd</i> ")	
	queryCommandSupported(" <i>cmd</i> ")	
	queryCommandText(" <i>cmd</i> ")	
	queryCommandValue(" <i>cmd</i> ")	
	scrollIntoView()	
	select()	
	setEndPoint(" <i>type</i> ", <i>range</i> )	

TextNode <sup>IE5</sup> 19		
data	splitText( <i>offset</i> )	(None)
length		
nextSibling		
nodeName		
nodeType		
nodeValue		
parentNode		
previousSibling		

selection <sup>M4</sup> 19		
type	clear()	(None)
	createRange()	
	empty()	

TextRectangle <sup>IE5</sup> 19		
bottom	(None)	(None)
left		
right		
top		

All HTML Elements		15
attributes[]	addEventListener(" evt",func,capt)(2)	onBlur
childNodes[]	appendChild( elem)	onClick
className	blur()	onDblClick
dir	click()	onFocus
firstChild	cloneNode( deep)	onKeyDown
id	dispatchEvent( evt)(2)	onKeyPress
innerHTML(1)	focus()	onKeyUp
lang	getAttribute(" attr")	onMouseDown
lastChild	getAttributeNode(" attr")(2)	onMouseMove
length(3)	getElementsByName(" tag")	onMouseOut
localName	hasChildNodes()	onMouseOver
namespaceURI	insertBefore( new[,ref])	onMouseUp
nextSibling	item( index)(3)	onResize
nodeName	normalize() (2)	
nodeType	removeAttribute(" attr")	
nodeValue	removeAttributeNode( node)(2)	
offsetHeight(1)	removeChild( node)	
offsetLeft(1)	removeEventListener(" evt",func,capt)(2)	
offsetParent(1)	replaceChild( new,old)	
offsetTop(1)	setAttribute(" attr",val)	
offsetWidth(1)	setAttributeNode( node)(2)	
ownerDocument	supports(" feature")(2)	
parentNode		
prefix		
previousSibling		
style		
tabIndex		
tagName		
title		

(1)Originating from the IE4 Object Model, this non-W3C item is implemented in N6 for convenience.  
 (2)Not implemented in IE through 5.5.  
 (3)Property or method of all object collections.

HTML		20
version(1)	(None)	(None)

(1)Not implemented in IE through 5.5.

FRAMESET		16
cols	(None)	(None)
rows		

FRAME		16
contentDocument(1)	(None)	(None)
frameBorder		
longDesc(1)		
marginHeight		
marginWidth		
noResize		
scrolling		
src		

(1)Not implemented in IE through 5.5.

HEAD		20
profile(1)		

(1)Not implemented in IE through 5.5.

BASE		20
href		
target		

BASEFONT		20
color		
face		
size		

META		20
charset		
content		
httpEquiv		
name		
url		

TITLE		20
text		

## W3C DOM Compatibility Guide

Baseline browsers for this section are IE5 and NN6. An item with no notation is compatible with these browsers for all OS versions. Observe footnotes for items missing from IE.  
 All HTML element objects share items from "All HTML" box on Page 1. "None" means no special methods or events for the current object.

IFRAME		16
align		
contentDocument(1)		
frameBorder		
longDesc(1)		
marginHeight		
marginWidth		
scrolling		
src		

(1)Not implemented in IE through 5.5.

document		18
alinkColor	clear()	onBlur
anchors[]	close()	onClick
applets[]	createAttribute(" name")	onDblClick
attributes[]	createDocumentFragment()	onFocus
bgColor	createElement(" tag")	onKeyDown
body	createTextNode(" txt")	onKeyPress
characterSet(1)	focus()	onKeyUp
childNodes[]	getElementById(" ID")	onMouseDown
cookie	getElementsByName(" name")	onMouseMove
doctype(1)	getElementsTagName(" tag")	onMouseOut
documentElement	open(" mime Type [,replace])	onMouseOver
domain	write(" str")	onMouseUp
embeds[]	writeln(" str")	onResize
fgColor		
firstChild		
forms[]		
height(1)		
images[]		
implementation(1)		
lastChild		
lastModified		
linkColor		
links[]		
location		
namespaceURI		
nextSibling		
nodeName		
nodeType		
ownerDocument(1)		
parentNode		
plugins		
previousSibling		
referrer		
styleSheets[]		
title		
URL		
vlinkColor		
width(1)		

(1)Not implemented in IE through 5.5.

BODY		18
alink	(None)	(None)
background		
bgColor		
link		
text		
vLink		

TABLE 27		
align	createCaption()	onScroll
bgColor	createTFoot()	
border	createTHead()	
caption	deleteCaption()	
cellPadding	deleteRow( <i>i</i> )	
cellSpacing	deleteTFoot()	
frame	deleteTHead()	
height	insertRow( <i>i</i> )	
rows[]		
rules		
summary (1)		
tBodies		
tFoot		
tHead		
width		

(1)Not implemented in IE through 5.5.

TBODY, TFOOT, THEAD 27		
align	deleteRow( <i>i</i> )	(None)
bgColor	insertRow( <i>i</i> )	
ch (1)		
chOff (1)		
rows		
vAlign		

(1)Not implemented in IE through 5.5.

TR 27		
align	deleteCell( <i>i</i> )	(None)
bgColor	insertCell( <i>i</i> )	
cells[]		
ch (1)		
chOff (1)		
rowIndex		
vAlign		

(1)Not implemented in IE through 5.5.

TD, TH 27	
abbr (1)	
align	
axis (1)	
background	
bgColor	
cellIndex	
ch (1)	
chOff (1)	
colSpan	
headers (1)	
height	
noWrap	
rowSpan	
vAlign	
width	

(1)Not implemented in IE through 5.5.

COL, COLGROUP 27	
align	
ch (1)	
chOff (1)	
span	
vAlign	
width	

(1)Not implemented in IE through 5.5.

CAPTION 27	
align	
vAlign	

H1...H6 19	
align	

HR 19	
align	
color	
noShade	
size	
width	

BR 19	
clear	

FONT 19	
color	
face	
size	

BLOCKQUOTE, Q 19	
cite (1)	

(1)Not implemented in IE through 5.5.

Node Types	
ELEMENT_NODE	1
ATTRIBUTE_NODE	2
TEXT_NODE	3
CDATA_SECTION_NODE	4
ENTITY_REFERENCE_NODE	5
ENTITY_NODE	6
PROCESSING_INSTRUCTION_NODE	7
COMMENT_NODE	8
DOCUMENT_NODE	9
DOCUMENT_TYPE_NODE	10
DOCUMENT_FRAGMENT_NODE	11
NOTATION_NODE	12

Range (1) 19		
collapsed	cloneContents() (2)	(None)
commonAncestorContainer	cloneRange()	
endContainer	collapse([ <i>start</i> ])	
endOffset	compareBoundaryPoints( <i>type,src</i> )(3)	
startContainer	createContextualFragment(" <i>text</i> ")	
startOffset	deleteContents()	
	detach()	
	extractContents() (2)	
	insertNode( <i>node</i> )(2)	
	isValidFragment(" <i>txt</i> ")	
	selectNode( <i>node</i> )	
	selectNodeContents( <i>node</i> )	
	setEnd( <i>node,offset</i> )	
	setEndAfter( <i>node</i> )	
	setEndBefore( <i>node</i> )	
	setStart( <i>node,offset</i> )	
	setStartAfter( <i>node</i> )	
	setStartBefore( <i>node</i> )	
	surroundContents( <i>node</i> )(2)	
	toString()	

(1)Not implemented in IE through 5.5  
 (2)Not implemented in NN6.0  
 (3)Broken in NN6.0

Text (1) 19		
data	appendChild( <i>node</i> )	(None)
length	appendData(" <i>text</i> ")	
	cloneNode( <i>deep</i> )	
	deleteData( <i>offset,count</i> )	
	hasChildNodes()	
	insertBefore( <i>new,ref</i> )	
	insertData( <i>offset,"text"</i> )	
	normalize()	
	removeChild()	
	replaceChild( <i>offset,count,"text"</i> )	
	splitText( <i>offset</i> )	
	substringData( <i>offset,count</i> )	

(1)Not implemented in IE through 5.5.

selection (1),(2) 19		
anchorNode	addRange( <i>range</i> )	(None)
anchorOffset	clearSelection()	
focusNode	collapse( <i>node,offset</i> )	
focusOffset	containsNode( <i>node,recurse</i> )	
isCollapsed	deleteFromDocument()	
rangeCount	extend( <i>node,offset</i> )	
	getRangeAt()	
	removeRange( <i>range</i> )	

(1)NN6.0 does not provide a way to create a selection object  
 (2)Not implemented in IE through 5.5.

