

JavaScript Bible 5th Edition Danny Goodman

Appendix A

JavaScript and Browser Objects Quick Reference

18 February 2004

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, W5.5	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

JavaScript Bible, 5th Edition by Danny Goodman

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+, NN6, Mozilla, and Safari browsers. 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 (including Mozilla when N6 or higher)
IE — MS Internet Explorer
W — Windows MSIE M — Macintosh MSIE

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

style^{IE4,N6}

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Text & Fonts

color^{IE4, N6}
font^{IE4, N6}
fontFamily^{IE4, N6}
fontSize^{IE4, N6}
fontSizeAdjust^{M5, N6}
fontStretch^{M5, N6}
fontStyle^{IE4, N6}
fontVariant^{IE4, N6}
fontWeight^{IE4, N6}
letterSpacing^{IE4, N6}
lineBreak^{IE5}
lineHeight^{IE4, N6}
quotes^{M5, N6}
rubyAlign^{IE5}
rubyOverhang^{IE5}
rubyPosition^{IE5}
textAlign^{IE4, N6}
textAlignLast^{IE5.5}
textAutospace^{W5}
textDecoration^{IE4, N6}
textDecorationBlink^{IE-Only}
textDecorationLineThrough^{IE-Only}
textDecorationNone^{IE-Only}
textDecorationOverline^{IE-Only}
textDecorationUnderline^{IE-Only}
textIndent^{IE4, N6}
textJustify^{IE5}
textJustifyTrim^{IE5}
textKashidaSpace^{IE5.5}
textOverflow^{W6}
textShadow^{M5, N6}
textTransform^{IE4, N6}
textUnderlinePosition^{IE5.5}
unicodeBidi^{IE5, N6}
whiteSpace^{IE4, N6}
wordBreak^{W5}
wordSpacing^{M4, N6, W6}
wordWrap^{W5.5}
writingMode^{W5.5}

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

Borders & Edges

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

Tables

borderCollapse^{M5, N6}
borderSpacing^{M5, N6}
captionSide^{M5, N6}
emptyCells^{M5, N6}
tableLayout^{IE5, N6}

Lists

listStyle^{IE4, N6}
listStyleImage^{IE4, N6}
listStylePosition^{IE4, N6}
listStyleType^{IE4, N6}

Background

background^{IE4, N6}
backgroundAttachment^{IE4, N6}
backgroundColor^{IE4, N6}
backgroundImage^{IE4, N6}
backgroundPosition^{IE4, N6}
backgroundPositionX^{IE-Only}
backgroundPositionY^{IE-Only}
backgroundRepeat^{IE4, N6}

Inline Display & Layout

clear^{IE4, N6}
clip^{IE4, N6}
clipBottom^{W5}
clipLeft^{W5}
clipRight^{W5}
clipTop^{W5}
content^{M5, N6}
counterIncrement^{M5, N6}
counterReset^{M5, N6}
cssFloat^{M5, N6}
cursor^{IE4, N6}
direction^{IE5, N6}
display^{IE4, N6}
filter^{W4}
layoutGrid^{W5}
layoutGridChar^{W5}
layoutGridLine^{W5}
layoutGridMode^{W5}
layoutGridType^{W5}
markerOffset^{M5, N6}
marks^{M5, N6}
maxHeight^{M5, N6}
maxWidth^{M5, N6}
minHeight^{M5, N6, W6}
minWidth^{M5, N6}
MozOpacity^{N6}
overflow^{IE4, N6}
overflowX^{W5}
overflowY^{W5}
styleFloat^{IE-Only}
verticalAlign^{IE4, N6}
visibility^{IE4, N6}
width^{IE4, N6}
zoom^{W5.5}

Printing

orphans^{M5, N6}
widows^{M5, N6}
page^{M5, N6}
pageBreakAfter^{IE4, N6}
pageBreakBefore^{IE4, N6}
pageBreakInside^{M5, N6}
size^{N6}

Miscellaneous

accelerator^{W5}
behavior^{W5}
cssText^{IE4, N6}
imeMode^{W5}

Scrollbars

scrollbar3dLightColor^{W5.5}
scrollbarArrowColor^{W5.5}
scrollbarBaseColor^{W5.5}
scrollbarDarkShadowColor^{W5.5}
scrollbarFaceColor^{W5.5}
scrollbarHighlightColor^{W5.5}
scrollbarShadowColor^{W5.5}
scrollbarTrackColor^{W5.5}

JSB5

form			21
action	handleEvent(evt) ^{N4}	onreset ^{N3, IE4}	
elements[]	reset() ^{N3, IE4}	onsubmit	
encoding	submit()		
length			
method			
name			
target			

button, reset, submit			22
form	click()	onclick	
name	handleEvent(evt) ^{N3}	onmousedown ^{N4, IE4}	
type ^{N3, IE4}		onmouseup ^{N4, IE4}	
value			

checkbox			22
checked	click()	onclick	
defaultChecked	handleEvent(evt) ^{N3}	onmousedown ^{N4, IE4}	
form		onmouseup ^{N4, IE4}	
name			
type ^{N3, IE4}			
value			

radio			22
checked	click()	onclick	
defaultChecked	handleEvent(evt) ^{N3}	onmousedown ^{N4, IE4}	
form		onmouseup ^{N4, IE4}	
length			
name			
type ^{N3, IE4}			
value			

text, textarea, password, hidden			23
defaultValue (1)	blur()	onblur	
form	focus()	onchange	
name	handleEvent(evt) ^{N4}	onfocus	
type ^{N3, IE4}	select()	onkeydown ^{N4, IE4}	
value (2)		onkeypress ^{N4, IE4}	
		onkeyup ^{N4, IE4}	
		onselect	

(1) Not available for textarea object.
(2) Password value property returns empty string in NN2.

file input control ^{N3,(1),IE4}			24
form	blur()	onblur	
name	focus()	onfocus	
type	handleEvent(evt) ^{N4}	onselect	
value	select()		

(1) Also called the fileUpload object.

select			24
length	blur() ^{N3, IE4}	onblur	
name	focus() ^{N3, IE4}	onchange	
options[i]	handleEvent(evt) ^{N4}	onfocus	
options[i].defaultSelected			
options[i].index			
options[i].selected			
options[i].text			
options[i].value			
selectedIndex			
type ^{N3, IE4}			

navigator		38
appName	javaEnabled() ^{N3, M4}	
appMinorVersion ^{IE4}	preference(name[, val]) ^{N4,(S)}	
appName	taintEnabled() ^{N3, IE4}	
appVersion		
browserLanguage ^{IE4}		
cookieEnabled ^{N6, IE4}		
cpuClass ^{IE4}		
language ^{N4}		
mimeType[] ^{N3, M4}		
onLine ^{IE4}		
oscpu ^{N6}		
platform ^{N4, IE4}		
plugins[] ^{N3, M4}		
product ^{N6}		
productSub ^{N6}		
securityPolicy ^{N4}		
systemLanguage ^{IE4}		
userAgent		
userLanguage ^{IE4}		
userProfile ^{IE4}		
vendor ^{N6}		
vendorSub ^{N6}		

mimeType ^{N3,M4}		38
description	(None)	
enabledPlugin		
type		
suffixes		

plugin ^{N3,M4}		38
name	refresh()	
filename		
description		
length		

screen ^{N4,IE4}		38
availHeight	(None)	
availLeft (1)		
availTop (1)		
availWidth		
bufferDepth (2)		
colorDepth		
fontSmoothingEnabled (2)		
height		
pixelDepth		
updateInterval (2)		
width		

(1)N4+ only.
(2)WinIE4+ only.

Original DOM Compatibility Guide

Baseline browsers for this section are NN2, WinIE3/J1, and MacIE3.01. An item with no notation is compatible back to that level, and is found in all new scriptable browsers since then. Notations indicate the browser and version in which the property, method, or event handler was introduced.

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
- W5.5 — IE5.5+/Windows only
- W6 — IE6+/Windows only
- M4 — IE4+/Mac only
- M5 — IE5+/Mac only
- N6 — New in NN6 & Mozilla

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.

JSB5

FORM			21
action	reset()	onreset	
autocomplete ^{W5}	submit()	onsubmit	
elements[]			
encoding			
enctype			
length			
method			
name			
target			

LABEL			35
htmlFor	(None)	(None)	

BUTTON			22
INPUT (button, reset, submit, radio, checkbox)			
(See original object model button, reset, submit, radio, and checkbox object listings.)			

INPUT (image)			22
complete	(None)	(None)	
form			
name			
src			
type			

INPUT (text, password, hidden)			23
(See original object model text, password, and hidden object listings.)			
maxLength	(None)	onafterupdate ^{W4}	
readOnly		onbeforeupdate ^{W4}	
size		onerrorupdate ^{W4}	

TEXTAREA			23
(See original object model textarea object listing.)			
cols	createTextRange()	onafterupdate ^{W4}	
readOnly		onbeforeupdate ^{W4}	
rows		onerrorupdate ^{W4}	
wrap			

SELECT			24
(See original object model select object listing.)			
length	item(<i>index</i> [, <i>subindex</i>]) ^{IE5}	(None)	
multiple	namedItem("id") ^{W6}		
size	options[i].add(<i>elem</i> [, <i>index</i>])		
value	options[i].remove()		

OPTION			24
defaultSelected	(None)	(None)	
form			
selected			
text			
value			

A (anchor/link)		19
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
- W5.5 — IE5.5+/ Windows only
- W6 — IE6+/Windows only
- 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		37
compact		
start		
type		

UL		37
compact		
type		

LI		37
type		
value		

DL, DT, DD, DIR, MENU	
compact	

IMG			20
align	(None)	onabort	
alt		onerror	
border		onload	
complete			
dynsrc			
fileCreatedDate ^{W4,M5}			
fileModifiedDate ^{W4,M5}			
fileSize ^{W4,M5}			
fileUpdatedDate ^{W5.5,M5}			
height			
href			
hspace			
isMap			
loop			
lowsrc			
mimeType ^{W6}			
name			
nameProp ^{W5}			
protocol			
src			
start			
useMap			
vspace			
width			

AREA			20
alt	(None)	(None)	
coords			
hash			
host			
hostname			
href			
noHref			
pathname			
port			
protocol			
search			
shape			
target			

MAP			20
areas[]	(None)	onscroll	
name			

MARQUEE			35
behavior	start()	onbounce	
bgColor	stop()	onfinish	
direction		onstart	
height			
hspace			
loop			
scrollAmount			
scrollDelay			
trueSpeed			
vspace			
width			

JSBs

STYLE		26
media	(None)	(None)
type		

styleSheet		26
cssText IE5	addImport("URL",[,index])	(None)
disabled	addRule("selector","styleSpec",[,index])	
href	removeRule(index)	
id		
imports[]		
media		
owningElement		
pages[] W5.5		
parentStyleSheet		
readOnly		
rules[]		
title		
type		

currentStyle IE5, runtimeStyle W5.5		26
(See style object)		

rule		26
readOnly	(None)	(None)
selectorText		
style		

LINK		36
charset	(None)	onload
disabled		
href		
hreflang		
media		
rel		
rev		
styleSheet W5		
target		
type		

SCRIPT		36
defer	(None)	(None)
event		
htmlFor		
src		
text		
type		

event		25
altKey		
altLeft IE5.5		
behaviorCookie W5.5		
behaviorPart W5.5		
bookmarks W4		
boundElements		
button		
cancelBubble		
clientX		
clientY		
contentOverflow		
ctrlKey		
ctrlLeft IE5.5		
dataFld W4		
dataTransfer W5		
fromElement		
keyCode		
nextPage W5.5		
offsetX		
offsetY		
propertyName W5		
qualifier W4		
reason W4		
recordset W4		
repeat W5		
returnValue		
saveType W5.5		
screenX		
screenY		
shiftKey		
shiftLeft IE5.5		
srcElement		
srcFilter W4		
srcUm W5		
toElement		
type		
wheelData W6		
x		
y		

APPLET		40
align	(None)	oncellchange W5
altHTML		ondataavailable W5
archive W6		ondatasetchanged W5
code		ondatasetcomplete W5
codeBase		onload
height		onrowenter W5
hspace		onrowexit W5
name		onrowsdelete W5
object		onrowsinserted W5
vspace		onscroll
width		

OBJECT		40
align	(None)	oncellchange W5
altHTML		ondataavailable W5
BaseHref		ondatasetchanged W5
classid		ondatasetcomplete W5
code		onload
codeBase		onrowenter W5
codeType		onrowexit W5
data		onrowsdelete W5
height		onrowsinserted W5
hspace		onscroll
name		
object		
type		
vspace		
width		

EMBED		40
align	(None)	onload
height		onscroll
hidden		
name		
pluginspage		
src		
units		
width		

XML W5		41
src	(None)	(None)
XMLDocument		

XMLHttpRequest ⁽¹⁾		41
readyState	abort()	(None)
responseText	getAllResponseHeaders()	
responseXML	getResponseHeader()	
status	open()	
statusText	send()	

(1) Supported in W5 (via ActiveX), N7, and Safari 1.2

JSB5

FORM			21
acceptCharset ⁽¹⁾	reset()	onreset	
action	submit()	onsubmit	
elements[]			
encoding			
enctype			
length			
method			
name			
target			
(1)Not implemented in IE through 6.			

FIELDSET, LEGEND			21
align	(None)	(None)	
form			

LABEL			35
accessKey	(None)	(None)	
form ^{M5,W6}			
htmlFor			

BUTTON			22
INPUT (button, reset, submit, radio, checkbox)			
(See original object model button, reset, submit, radio, and checkbox object listings.)			
disabled			

INPUT (image)			22
disabled	(None)	(None)	
form			
name			
src			
type			

INPUT (text, password, hidden)			23
(See original object model text, password, and hidden object listings.)			
disabled	(None)	(None)	
maxLength			
readOnly			
size			

TEXTAREA			23
(See original object model textarea object listing.)			
cols	(None)	(None)	
disabled			
readOnly			
rows			

SELECT			24
(See original object model select object listing.)			
disabled	options[i].remove()	(None)	
length			
multiple			
size			
value			

OPTION			24
defaultSelected	(None)	(None)	
disabled			
form			
label ^{M5,W6}			
selected			
text			
value			

OPTGROUP			24
form ⁽¹⁾	(None)	(None)	
label ⁽¹⁾			
(1)Not implemented in IE/Windows through 6, but is implemented in IE5/Mac.			

IMG			20
align	(None)	onAbort	
alt		onError	
border		onLoad	
complete			
height			
href			
hspace			
isMap			
longDesc ⁽¹⁾			
lowsrc			
lowSrc ⁽¹⁾			
name			
naturalHeight, naturalWidth ^{N6}			
src			
useMap			
vspace			
width			
(1)Not implemented in IE through 6.			

OL		37
compact		
start		
type		

UL		37
compact		
type		

DL, DT, DD, DIR, MENU	
compact	

LI		37
type		
value		

A (anchor/link)		19
charset ⁽¹⁾		
coords ⁽¹⁾		
hash		
host		
hostname		
href		
hreflang ⁽¹⁾		
name		
pathname		
port		
protocol		
rel		
rev		
search		
shape ⁽¹⁾		
target		
type ⁽¹⁾		
(1)Not implemented in IE through 5.5.		

AREA		20
alt		
coords		
hash		
host		
hostname		
href		
noHref		
pathname		
port		
protocol		
search		
shape		
target		

MAP		20
areas		
name		

MARQUEE ⁽¹⁾		35
behavior	start()	
direction	stop()	
scrollAmount		
scrollDelay		
width		
(1)From IE, but implemented in N7/Mozilla.		

JSB5

STYLE			26
media	(None)	(None)	
type			

styleSheet			26
cssRules[]	deleteRule(<i>index</i>) ⁽¹⁾	(None)	
disabled	insertRule(<i>rule</i> , <i>index</i>) ⁽¹⁾		
href			
media			
ownerNode ⁽¹⁾			
ownerRule ⁽¹⁾			
parentStyleSheet			
title			
type			

(1)Not implemented in IE through 5.5.

cssRule			26
cssText ⁽²⁾	(None)	(None)	
parentStyleSheet ⁽²⁾			
selectorText			
style			
type ⁽¹⁾			

(1)Not implemented in IE through 6.
(2)Not implemented in IE through 6, but implemented in IE5/Mac.

LINK			36
charset	(None)	(None)	
disabled			
href			
hreflang			
media			
rel			
rev			
sheet ⁽¹⁾			
target			
type			

(1)Not implemented in IE through 6.

SCRIPT			36
defer	(None)	(None)	
event			
htmlFor			
src			
text			
type			

W3C DOM Compatibility Guide

Baseline browsers for this section are IE5, NN6, Mozilla 1, and Safari 1. An item with no notation is compatible with these browsers (except occasionally Safari). Some items are new to Netscape 7 (N7) and Mozilla or WinIE6 (W6). Observe footnotes for items missing from IE, and see the book's text for Safari details. All HTML element objects share items from "All HTML" box on Page 1. "(None)" means no special methods or events for the current object.

event ⁽¹⁾		25
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	initMutationEvent(<i>type</i> , <i>evtArgs</i>)	
cancelable	initUIEvent(<i>type</i> , <i>evtArgs</i>)	
charCode	preventDefault()	
clientX	stopPropagation()	
clientY		
ctrlKey		
currentTarget		
detail		
eventPhase		
isChar		
keyCode		
layerX		
layerY		
metaKey		
originalTarget		
pageX		
pageY		
relatedTarget		
screenX		
screenY		
shiftKey		
target		
timeStamp		
type		
view		

(1)Not implemented in IE through 6.

EMBED			40
align	(None)	onload	
height		onscroll	
name			
width			

APPLET		40
align		
alt ^{W6}		
archive ^{W6}		
code		
codeBase		
data		
height		
hspace		
name		
type		
useMap ^{W6}		
vspace		
width		

OBJECT		40
align		
alt ^{W6}		
baseURI ^{N7}		
border ^{W6}		
code		
codeBase		
codeType		
contentDocument ⁽¹⁾		
height		
hspace		
name		
object		
type		
vspace		
width		

(1)Not implemented in IE through 6.

Array^{N3,J2} 30

constructor^{N4, IE4} concat(*array2*)^{N4, IE4}
 length join(" *char*")^{IE4}
 prototype push()^{N4, W5.5}
 pop()^{N4, W5.5}
 reverse()^{IE4}
 shift()^{N4, W5.5}
 slice(*i*,*j*)^{N4, IE4}
 sort(*compareFunc*)^{IE4}
 splice(*i*,*j*, *items*)^{N4, W5.5}
 toLocaleString()^{N6, W5.5}
 toString()^{IE4}
 unshift()^{N4, W5.5}

Date 29

constructor^{N4, IE4} getFullYear()^{N4, J2}
 prototype^{N3, IE4} getYear()
 getMonth()
 getDate()
 getDay()
 getHours()
 getMinutes()
 getSeconds()
 getTime()
 getMilliseconds()^{N4, J2}
 getUTCFullYear()^{N4, J2}
 getUTCMonth()^{N4, J2}
 getUTCDate()^{N4, J2}
 getUTCDay()^{N4, J2}
 getUTCHours()^{N4, J2}
 getUTCMinutes()^{N4, J2}
 getUTCSeconds()^{N4, J2}
 getUTCMilliseconds()^{N4, J2}
 setYear(*val*)
 setFullYear(*val*)^{N4, J2}
 setMonth(*val*)
 setDate(*val*)
 setDay(*val*)
 setHours(*val*)
 setMinutes(*val*)
 setSeconds(*val*)
 setMilliseconds(*val*)^{N4, J2}
 setTime(*val*)
 setUTCFullYear(*val*)^{N4, J2}
 setUTCMonth(*val*)^{N4, J2}
 setUTCDate(*val*)^{N4, J2}
 setUTCDay(*val*)^{N4, J2}
 setUTCHours(*val*)^{N4, J2}
 setUTCMinutes(*val*)^{N4, J2}
 setUTCSeconds(*val*)^{N4, J2}
 setUTCMilliseconds(*val*)^{N4, J2}
 getTimezoneOffset()
 toDateString()^{W5.5}
 toGMTString()
 toLocaleDateString()^{W5.5, N6}
 toLocaleString()
 toLocaleTimeString()^{W5.5, N6}
 toString()
 toTimeString()^{IE5.5}
 toUTCString()^{N4, J2}
 Date.parse(" *dateString*")
 Date.UTC(*date values*)

String 27

constructor^{N4, IE4} anchor(" *anchorName*")
 length big()
 prototype^{N4, J2} blink()
 bold()
 charAt(*index*)
 charCodeAt(*i*)^{N4, IE4}
 concat(*string2*)^{N4, IE4}
 fixed()
 fontcolor("# *rrggbb*")
 fontsize(*1to7*)
 fromCharCode(*n1...*)^{(1),N4, IE4}
 indexOf(" *str*" [*i*])
 italics()
 lastIndexOf(" *str*" [*i*])
 link(*URL*)
 localeCompare()^{N6, W5.5}
 match(*regexp*)^{N4, IE4}
 replace(*regexp*,*str*)^{N4, IE4}
 search(*regexp*)^{N4, IE4}
 slice(*i*,*j*)^{N4, IE4}
 small()
 split(*char*)^{N3, (2), IE4}
 strike()
 sub()
 substr(*start,length*)^{N4, IE4}
 substring(*intA, intB*)
 sup()
 toLocaleLowerCase()^{N6, W5.5}
 toLocaleUpperCase()^{N6, W5.5}
 toLowerCase()
 toString()^{N4, IE4}
 toUpperCase()
 valueOf()^{N4, IE4}

(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^{N4,IE4} 42

global compile(*regexp*)
 ignoreCase^{M5,W5.5} exec(" *string*")⁽²⁾
 input^{(1), IE5.5} test(" *string*")
 lastIndex
 multiline^{(1), W5.5} *str*.match(*regexp*)
 lastMatch^{(1), W5.5} *str*.replace(*regexp*,*str*)
 lastParen^{(1), W5.5} *str*.search(*regexp*)
 leftContext^{(1),W5.5} *str*.split(*regexp*,*limit*)
 prototype
 rightContext⁽¹⁾
 source
 \$1...\$9

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

Boolean^{N3,J2} 28

constructor^{N4, IE4} toString()^{N4, IE4}
 prototype valueOf()^{N4, IE4}

Math⁽¹⁾ 28

E	abs(<i>val</i>)
LN2	acos(<i>val</i>)
LN10	asin(<i>val</i>)
LOG2E	atan(<i>val</i>)
LOG10E	atan2(<i>val1, 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, val2</i>)
	min(<i>val1, val2</i>)
	pow(<i>val1, 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^{N3,J2} 28

constructor ^{N4, IE4}	toExponential(<i>n</i>) ^{N6, W5.5}
MAX_VALUE ^{IE4}	toFixed(<i>n</i>) ^{N6, IE5.5}
MIN_VALUE ^{IE4}	toLocaleString() ^{N6, W5.5,M5}
NaN ^{IE4}	toString(<i>radix</i>) ^{N4, IE4}
NEGATIVE_INFINITY ^{IE4}	toPrecision(<i>n</i>) ^{N6, W5.5}
POSITIVE_INFINITY ^{IE4}	valueOf() ^{N4, IE4}

prototype

Function^{N3,J2} 33

arguments	apply(<i>this, argsArray</i>) ^{N6, W5.5}
arity ^{N4}	call(<i>this</i> , <i>arg1</i> , <i>...argN</i>) ^{N6, W5.5}
caller	toString()
constructor ^{N4, IE4}	valueOf()
length	
prototype	

Globals 34

Functions

decodeURI(" *encodedURI*")^{N6, W5.5}
 decodeURIComponent(" *encComp*")^{N6, W5.5}
 encodeURI(" *URIString*")^{N6, W5.5}
 encodeURIComponent(" *compString*")^{N6, W5.5}
 escape(" *string*" [*i*,1])
 eval(" *string*")
 isFinite(*number*)^{N4, IE4}
 isNaN(*expression*)
 Number(*string*)^{N4, IE4}
 parseFloat(" *string*")
 parseInt(" *string*" [,*radix*])
 toString(*radix*)
 unescape(" *string*")
 unwatch(*prop*)^{N4}
 watch(*prop, handler*)^{N4}

Statements

// */*...*/*
 const^{N6}
 var

Control Statements 31

```

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^{N6,W5} 31

prototype	toString()
constructor	
description ^{W5}	
fileName ^{N6}	
lineNumber ^{N6}	
message ^{N6, IE5.5}	
name ^{N6, IE5.5}	
number ^{W5}	

window		16
appCore ^{N6}	alert("msg")	onabort ^{N6}
clientInformation ^{IE4}	attachEvent("evt",func) ^{IE5}	onafterprint ^{W5}
clipboardData ^{W5}	back() ^{N4}	onbeforeprint ^{W5}
closed ^{N3, IE4}	blur() ^{N3, IE4}	onbeforeunload ^{IE4}
components ^{N6}	captureEvents(type) ^{N4-Only}	onblur ^{N3, IE4}
controllers ^{N6}	clearInterval(ID) ^{N4, IE4}	onchange ^{N6}
crypto ^{N6}	clearTimeout(ID)	onclick ^{N6}
defaultStatus	close()	onclose ^{N6}
dialogArguments ^{IE4}	confirm("msg")	ondragdrop ^{N4-Only}
dialogHeight ^{W4}	createPopup() ^{W5.5}	onerror ^{N3, IE4}
dialogLeft ^{IE4}	detachEvent("evt",func) ^{IE5}	onfocus ^{N3, IE4}
dialogTop ^{IE4}	disableExternalCapture() ^{N4-Only}	onhelp ^{IE4}
dialogWidth ^{W4}	enableExternalCapture() ^{N4-Only}	onkeydown ^{N6}
directories ^{N4,(S)}	execScript("exprs",[lang]) ^{IE4}	onkeypress ^{N6}
document	find(["str"],["case",bkwd]) ^{N4}	onkeyup ^{N6}
event ^{IE4}	fireEvent("evt",[evtObj]) ^{W5.5}	onload
external ^{W4}	focus() ^{N3, IE4}	onmousedown ^{N6}
frameElement ^{W5.5}	forward() ^{N4}	onmousemove ^{N6}
frames ^{N6}	handleEvent(event) ^{N4-Only}	onmouseout ^{N6}
history	home() ^{N4}	onmouseover ^{N6}
innerHeight ^{N4}	moveBy(x,y) ^{N4, IE4}	onmouseup ^{N6}
innerWidth ^{N4}	moveTo(x,y) ^{N4, IE4}	onmove ^{N4-Only}
length ^{N6, IE4}	navigate() ^{IE3}	onreset ^{N6}
loading ^{N4-Only}	open(URL,"name","specs") ^{(1),(S)}	onresize ^{N4, IE4}
location	print() ^{N4, IE5}	onscroll ^{IE4}
locationbar ^{N4,(S)}	prompt("msg","reply")	onselect ^{N6}
menubar ^{N4,(S)}	releaseEvents(type) ^{N4-Only}	onsubmit ^{N6}
name	resizeBy(x,y) ^{N4-Only, IE4}	onunload
navigator ^{N6, IE4}	resizeTo(width,height) ^{N4-Only, IE4}	
offscreenBuffering ^{IE4}	routeEvent(event) ^{N4-Only}	
opener ^{IE3, N3}	scroll(x,y) ^{N3, IE4}	
outerHeight ^{N4}	scrollBy(x,y) ^{N4, IE4}	
outerWidth ^{N4}	scrollTo(x,y) ^{N4, IE4}	
pageXOffset ^{N4}	setActive() ^{W5.5}	
pageYOffset ^{N4}	setInterval(func,msec[,args]) ^{N4,IE4,(2)}	
parent	setTimeout(func,msec[,args]) ⁽²⁾	
personalbar ^{N4,(S)}	showHelp() ^{W4}	
pkcs11 ^{N6}	showModalDialog() ^{IE4}	
prompter ^{N6}	showModelessDialog() ^{W5}	
returnValue ^{W4,M5}	sizeToContent() ^{N6}	
screen ^{N6, IE4}	stop() ^{N4}	
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		

(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. N6 + includes left, top.

(2)Optional args parameter added to N4; 3rd parameter in IE4 is for scripting language.

document		18
alinkColor	captureEvents(type) ^{N4-Only} (None)	
anchors ^{N6}	clear()	
applets ^{N3, IE4}	close()	
bgColor	getSelection() ^{N4,(2)}	
cookie	handleEvent(event) ^{N4-Only}	
domain ^{N3, IE4}	open("mimetype" [,replace]) ⁽³⁾	
embeds ^{N3, IE4}	releaseEvents(type) ^{N4-Only}	
fgColor	routeEvent(event) ^{N4-Only}	
forms ^{N6}	write("string")	
height ^{N4}	writeln("string")	
images ^{N3, IE4}		
lastModified		
layers ^{N4-Only}		
linkColor		
links ^{N6}		
location ⁽¹⁾		
referrer		
title		
URL ^{N3, IE4}		
vlinkColor		
width ^{N4}		

(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}		39
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		
search		

link ()		19
hash	(None)	onclick
host		ondblclick ^{N4,(1),IE4}
hostname		onmousedown ^{N4, IE4}
href		onmouseout ^{N4, IE4}
pathname		onmouseover
port		onmouseup ^{N4, IE4}
protocol		
search		
target		
text ^{N4-Only}		
x ^{N4-Only}		
y ^{N4-Only}		

(1) Not implemented in NN4/Mac.

anchor ()		19
name ^{N4, IE4}	(None)	(None)
text ^{N4-Only}		
x ^{N4-Only}		
y ^{N4-Only}		

image ^{N3,(1),IE4}		20
border	(None)	onabort
complete		onerror
height		onload
hspace		
lowsrc		
name		
src		
vspace		
width		
x ^{N4-Only}		
y ^{N4-Only}		

(1) Implemented in IE3.01/Macintosh but not Windows until IE4.

area ^{N3,IE4}		20
hash	(None)	onclick ^{N4}
host		onmouseout
hostname		onmouseover
href		
pathname		
port		
protocol		
search		
target		

history		17
current(S),(1)	back()	(None)
length	forward()	
next(S),(1)	go(int "URL")	
previous(S),(1)		

(1) Available in NN4+/Mozilla with signed scripts.

All HTML Elements 15		
accessKey	addBehavior("URL") ^{W5}	onactivate ^{W5.5}
all[]	applyElement(<i>elem</i> [, <i>type</i>]) ^{W5}	onbeforecopy ^{W5}
behaviorUrns[] ^{W5}	attachEvent("evt", <i>func</i>) ^{W5}	onbeforecut ^{W5}
canHaveChildren ^{W5}	blur()	onbeforedeactivate ^{W5.5}
canHaveHTML ^{W5.5}	clearAttributes() ^{W5}	onbeforeeditfocus ^{W5}
children	click()	onbeforepaste ^{W5}
className	componentFromPoint(<i>x</i> , <i>y</i>) ^{W5}	onblur
clientHeight	contains(<i>elem</i>)	onclick
clientLeft	detachEvent("evt", <i>func</i>) ^{W5}	oncontextmenu ^{W5}
clientTop	fireEvent("evt" [, <i>evt</i>]) ^{W5.5}	oncontrolselect ^{W5.5}
clientWidth	focus()	oncopy ^{W5}
contentEditable ^{W5.5}	getAdjacentText() ^{W5}	oncut ^{W5}
currentStyle ^{IE5}	getAttribute("attr" [, <i>case</i>])	ondblclick
dataFld ^{W4, M5}	getBoundingClientRect() ^{W5}	ondeactivate ^{W5.5}
dataFormatAs ^{W4, M5}	getClientRects() ^{W5}	ondrag ^{W5}
dataSrc ^{W4, M5}	getExpression() ^{W5}	ondragend ^{W5}
disabled	insertAdjacentElement() ^{W5}	ondragenter ^{W5}
document	insertAdjacentHTML()	ondragleave ^{W5}
filters[] ^{W4}	insertAdjacentText()	ondragover ^{W5}
hideFocus ^{W5.5}	item(<i>index</i> [, <i>subindex</i>]) ⁽¹⁾	ondragstart ^{W5}
id	mergeAttributes() ^{W5}	ondrop ^{W5}
innerHTML	releaseCapture() ^{W5}	onfilterchange ^{W4}
innerText	removeAttribute("attr" [, <i>case</i>])	onfocus
isContentEditable ^{W5.5}	removeBehavior(<i>ID</i>) ^{W5}	onfocusin ^{W6(2)}
isDisabled ^{W5.5}	removeExpression("prop") ^{W5}	onfocusout ^{W6(2)}
isMultiLine ^{W5.5}	removeNode(<i>children</i>) ^{W5}	onhelp ^{W4, M5}
isTextEdit ^{W4}	replaceAdjacentText("loc", "txt") ^{W5}	onkeydown
lang	replaceNode(<i>new</i>) ^{W5}	onkeypress
language	scrollIntoView(<i>top</i>)	onkeyup
length ⁽¹⁾	setActive() ^{W5.5}	onlosecapture ^{W5}
offsetHeight	setAttribute("attr", <i>val</i> [, <i>case</i>])	onmousedown
offsetLeft	setCapture(<i>container</i>) ^{W5}	onmouseenter ^{W5.5}
offsetParent	setExpression("prop", "expr", "lang") ^{W5}	onmouseleave ^{W5.5}
offsetTop	swapNode(<i>node</i>) ^{W5}	onmousemove
offsetWidth	tags("tag") ⁽¹⁾	onmouseout
outerHTML	urns("URN") ^{W5.5(1)}	onmouseover
outerText		onmouseup
parentElement		onmousewheel ^{W6}
parentTextEdit		onmove ^{W5.5(2)}
readyState		onmoveend ^{W5.5(2)}
recordNumber ^{W4}		onmovestart ^{W5.5(2)}
runtimeStyle ^{IE5}		onpaste ^{W5}
scopeName ^{W5}		onpropertychange ^{W5}
scrollHeight		onreadystatechange
scrollLeft		onresize
scrollTop		onresizeend ^{W5.5}
scrollWidth		onresizestart ^{W5.5}
sourceIndex		onselectstart
style		
tabIndex		
tagName		
tagUrn ^{W5}		
title		
uniqueID ^{W5}		

(1)Property or method of all object collections. (2)IE content editing mode only.

popup ^{W5.1} 16		
document	hide()	(None)
isOpen	show()	

FRAMESET 16	
border	
borderColor	
cols	
frameBorder	
frameSpacing	
rows	

FRAME 16	
allowTransparency ^{W6}	
borderColor	
contentWindow ^{W5.5}	
frameBorder	
height, width	
marginHeight ^{W6, M5}	
marginWidth ^{W6, M5}	
name	
noResize	
scrolling	
src	

IFRAME 16	
align	
allowTransparency ^{W6}	
contentWindow ^{W5.5}	
height, width	
hspace, vspace	
longdesc ^{W6, M5}	
marginHeight	
marginWidth	
name	
scrolling	
src	

BASE 36	
href	
target	

BASEFONT 36	
color	
face	
size	

META 36	
charset	
content	
httpEquiv	
name	
url	

TITLE 36	
text	

document 18		
activeElement	attachEvent("evt", <i>func</i>) ^{IE5}	onactivate ^{W5.5}
alinkColor	clear()	onbeforecut ^{W5}
all	clearAttributes() ^{IE5}	onbeforedeactivate ^{W5.5}
anchors[]	close()	onbeforeeditfocus ^{W5}
applets[]	createElement("tag")	onbeforepaste ^{W5}
bgColor	createEventObject([<i>evt</i>]) ^{W5.5}	onclick
body	createStyleSheet(["URL" [, <i>index</i>]])	oncontextmenu ^{W5}
charset	detachEvent("evt", <i>func</i>) ^{IE5}	oncontrolselect ^{W5.5}
compatMode ^{W6}	elementFromPoint(<i>x</i> , <i>y</i>)	oncut
cookie	execCommand("cmd" [, <i>UI</i>] [, <i>arg</i>])	ondblclick
defaultCharset	focus()	ondeactivate ^{W5.5}
designMode ^{W5}	mergeAttributes(<i>obj</i>) ^{W5}	ondrag ^{W5}
doctype ^{M5}	open(["mimeType" [, <i>replace</i>])	ondragend ^{W5}
domain	queryCommandEnabled("cmd")	ondragenter ^{W5}
embeds[]	queryCommandIndeterm("cmd")	ondragleave ^{W5}
expando	queryCommandState("cmd")	ondragover ^{W5}
fgColor	queryCommandSupported("cmd")	ondragstart ^{W5}
fileCreatedDate	queryCommandText("cmd")	ondrop ^{W5}
fileModifiedDate	queryCommandValue("cmd")	onhelp ^{W4, M5}
fileSize	recalc(<i>allFlag</i>) ^{W5}	onkeydown
forms[]	releaseCapture() ^{IE5}	onkeypress
frames[]	setActive() ^{W5.5}	onkeyup
images[]	write("str")	onmousedown
lastModified	writeln("str")	onmousemove
linkColor		onmouseout
links[]		onmouseover
location		onmouseup
media ^{W5.5}		onpaste
mimeType ^{W5}		onpropertychange ^{W5}
nameProp ^{W6}		onreadystatechange
namespaces[] ^{W5.5}		onresizeend ^{W5.5}
parentWindow		onresizestart ^{W5.5}
plugins[]		onselectionchange ^{W5.5}
protocol		onstop ^{IE5}
readyState		
referrer		
scripts[]		
security ^{W5.5}		
selection		
styleSheets[]		
title		
uniqueID		
URL		
URLUnencoded ^{W5.5}		
vlinkColor		

BODY 18		
alink	createControlRange() ^{W5}	onAfterPrint ^{W5}
background	createTextRange()	onBeforePrint ^{W5}
bgColor	doScroll(["scrollAction"]) ^{W5}	onScroll
bgProperties		
bottomMargin		
leftMargin, rightMargin		
link		
noWrap		
scroll		
scrollLeft, scrollTop		
text		
topMargin		
vLink		

TABLE 37		
align	createCaption()	onscroll
background	createTFoot()	
bgColor	createTHead()	
border	deleteCaption()	
borderColor	deleteRow(<i>i</i>)	
borderColorDark	deleteTFoot()	
borderColorLight	deleteTHead()	
caption	firstPage() ^{IE5}	
cellPadding	insertRow(<i>i</i>)	
cells[] ^{W5}	lastPage() ^{IE5}	
cellSpacing	moveRow(<i>srcIndex</i> , <i>destIndex</i>) ^{W5}	
cols[]	nextPage() ^{W4,M5}	
datePageSize	previousPage() ^{W4,M5}	
frame	refresh()	
height		
rows[]		
rules		
tBodies[]		
tFoot		
tHead		
width		

TBODY, TFOOT, THEAD 37		
align	deleteRow(<i>i</i>)	(None)
bgColor	insertRow(<i>i</i>)	
rows	moveRow(<i>srcIndex</i> , <i>destIndex</i>)	
vAlign		

TR 37		
align	deleteCell(<i>i</i>)	(None)
bgColor	insertCell(<i>i</i>)	
borderColor		
borderColorDark		
borderColorLight		
cells[]		
height		
rowIndex		
sectionRowIndex		
vAlign		

TD, TH 37	
align	
background	
bgColor	
borderColor	
borderColorDark	
borderColorLight	
cellIndex	
colSpan	
height	
noWrap	
rowSpan	
vAlign	
width	

COL, COLGROUP 37	
align	
span	
vAlign	
width	

CAPTION 37	
align	
vAlign	

H1...H6 35	
align	

HR 35	
align	
color	
noShade	
size	
width	

BR 35	
clear	

FONT 35	
color	
face	
size	

TextRange ^{W4} 35		
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>)	

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
- W5.5 — IE5.5+/Windows only
- 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.

TextNode ^{IE5} 35		
data	appendData(" <i>text</i> " ^{M5,W6})	(None)
length	deleteData(<i>start</i> , <i>count</i>) ^{M5,W6}	
nextSibling	insertData(<i>start</i> , " <i>text</i> " ^{M5,W6})	
nodeName	replaceData(<i>start</i> , <i>count</i> , " <i>text</i> " ^{M5,W6})	
nodeType	splitText(<i>offset</i>) ^{M5,W6}	
nodeValue	substringData(<i>start</i> , <i>count</i>) ^{M5,W6}	
parentNode		
previousSibling		

selection ^{W4} 35		
type	clear()	(None)
typeDetail ^{W5.5}	createRange()	
	empty()	

TextRectangle ^{W5} 35		
bottom	(None)	(None)
left		
right		
top		

All HTML Elements		15
attributes[]	addEventListener(" evt", func, capt) ⁽²⁾	onblur
childNodes[]	appendChild(elem)	onclick
className	blur()	oncontextmenu (1)
clientHeight (1)	click()	ondblclick
clientLeft (1)	cloneNode(deep)	onfocus
clientTop (1)	dispatchEvent(evt) ⁽²⁾	onkeydown
clientWidth (1)	focus()	onkeypress
dir	getAttribute(" attr")	onkeyup
firstChild	getAttributeNode(" attr") ^{W6}	onmousedown
id	getAttributeNS(" nsuri", "local") ⁽²⁾	onmousemove
innerHTML (1)	getAttributeNS(" nsuri", "local") ⁽²⁾	onmouseout
lang	getElementsByName(" tag")	onmouseover
lastChild	hasAttribute(" attr") ⁽²⁾	onmouseup
length (3)	hasAttributeNS(" nsuri", "local") ⁽²⁾	onresize
localName	hasAttributes() (2)	
namespaceURI	hasChildNodes()	
nextSibling	insertBefore(new[, ref])	
nodeName	isSupported(" feature", "ver") ⁽²⁾	
nodeType	item(index) ⁽³⁾	
nodeValue	normalize() (2)	
offsetHeight (1)	removeAttribute(" attr")	
offsetLeft (1)	removeAttributeNode(node) ⁽²⁾	
offsetParent (1)	removeChild(node)	
offsetTop (1)	removeEventListener(" evt", func, capt) ⁽²⁾	
offsetWidth (1)	replaceChild(new, old)	
ownerDocument	scrollIntoView() (1)	
parentNode	setAttribute(" attr", val)	
prefix	setAttributeNode(node) ⁽²⁾	
previousSibling		
scrollHeight, scrollLeft, scrollTop, scrollWidth (1)		
style		
tabIndex		
tagName		
title		

(1)Non-W3C item originated in IE4 Object Model, but implemented in N6+/Moz/Saf for convenience.
 (2)Not implemented in IE through 6. (3)Property or method of all object collections.

FRAMESET		16
cols	(None)	(None)
rows		

FRAME		16
contentDocument (1)	(None)	(None)
contentWindow	N7	
frameBorder		
longDesc	M5, N6	
marginHeight, marginWidth		
name		
noResize		
scrolling		
src		

(1)Not implemented in IE through 6.

HEAD		36
profile (1)		

(1)Not implemented in IE through 6.

BASE		36
href		
target		

BASEFONT		36
color		
face		
size		

META		36
charset		
content		
httpEquiv		
name		
scheme	M5, W6	
url		

TITLE		36
text		

W3C DOM

Compatibility Guide

Baseline browsers for this section are IE5, NN6, Mozilla 1, and Safari 1. An item with no notation is compatible with these browsers (except occasionally Safari). Some items are new to Netscape 7 (N7) and Mozilla or WinIE6 (W6). Observe footnotes for items missing from IE, and see the book's text for Safari details. 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)		
longDesc	M5, W6	
marginHeight		
marginWidth		
scrolling		
src		

(1)Not implemented in IE through 6.

document		18
alinkColor	clear()	onblur
anchors[]	close()	onclick
applets[]	createAttribute(" name")	ondblclick
attributes[]	createComment(" text") ^{W6}	onfocus
bgColor	createDocumentFragment() ^{W6}	onkeydown
body	createElement(" tag")	onkeypress
characterSet (1)	createEvent(" type") ⁽¹⁾	onkeyup
childNodes[]	createRange() ⁽¹⁾	onmousedown
compatMode ^{W6, N7}	createTextNode(" txt")	onmousemove
cookie	createTreeWalker(root, what, filterFunc, expand) ^{N7, (1)}	onmouseout
defaultView (1)	focus()	onmouseover
doctype (1)	getElementById(" ID")	onmouseup
documentElement	getElementsByName(" name")	onresize
domain	getElementsByTagName(" tag")	
embeds[]	open(" mimeType", [, replace])	
fgColor	write(" str")	
firstChild	writeln(" str")	
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 6.

BODY		18
alink	(None)	(None)
background		
bgColor		
link		
scrollLeft, scrollTop	N7, (1)	
text		
vLink		

(1)Originated in IE Object Model, but implemented in N7/Mozilla for convenience.

HTML		36
version (1)	(None)	(None)

(1)Not implemented in IE through 6.

TABLE 37		
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 ^{W6}		
tBodies		
tFoot		
tHead		
width		

TBODY, TFOOT, THEAD 37		
align	deleteRow(<i>i</i>)	(None)
bgColor	insertRow(<i>i</i>)	
ch ^{W6}		
chOff ^{W6}		
rows		
vAlign		

TR 37		
align	deleteCell(<i>i</i>)	(None)
bgColor	insertCell(<i>i</i>)	
cells[]		
ch ^{W6}		
chOff ^{W6}		
rowIndex		
sectionRowIndex		
vAlign		

TD, TH 37	
abbr ^{M5,W6}	
align	
axis ^{M5,W6}	
background	
bgColor	
cellIndex	
ch ^{W6}	
chOff ^{W6}	
colSpan	
headers ^{M5,W6}	
height	
noWrap	
rowSpan	
vAlign	
width	

COL, COLGROUP 37	
align	
ch ^{W6}	
chOff ^{W6}	
span	
vAlign	
width	

CAPTION 37	
align	
vAlign	

H1...H6 35	
align	

HR 35	
align	
color	
noShade	
size	
width	

BR 35	
clear	

FONT 35	
color	
face	
size	

BLOCKQUOTE, Q 35	
cite ^{M5,W6}	

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⁾ 35		
collapsed	cloneContents() ^{N7}	(None)
commonAncestorContainer	cloneRange() ^{N7}	
endContainer	collapse([<i>start</i>])	
endOffset	compareBoundaryPoints(<i>type,src</i>) ^{N7}	
startContainer	compareNode(<i>node</i>)	
startOffset	comparePoint(<i>node,offset</i>)	
	createContextualFragment("text")	
	deleteContents()	
	detach()	
	extractContents() ^{N7}	
	insertNode(<i>node</i>) ^{N7}	
	intersectsNode(<i>node</i>)	
	isPointInRange(<i>node,offset</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>) ^{N7}	
	toString()	

(1)Not implemented in IE through 6.

Text ⁽¹⁾ 35		
data	appendData("text")	(None)
length	deleteData(<i>offset,count</i>)	
	insertData(<i>offset,"text"</i>)	
	replaceData(<i>offset,count,"text"</i>)	
	splitText(<i>offset</i>)	
	substringData(<i>offset,count</i>)	

(1)Not implemented in IE through 6.

selection ⁽¹⁾ 35		
anchorNode	addRange(<i>range</i>)	(None)
anchorOffset	clearSelection()	
focusNode	collapse(<i>node,offset</i>)	
focusOffset	collapseToEnd()	
isCollapsed	collapseToStart()	
rangeCount	containsNode(<i>node,recurse</i>)	
	deleteFromDocument()	
	extend(<i>node,offset</i>)	
	getRangeAt()	
	removeAllRanges()	
	removeRange(<i>range</i>)	
	selectAllChildren(<i>node</i>)	
	toString()	

(1)Not implemented in IE through 6.



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