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application Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
count	count (document,application["QuarkXPress"])	count of each document in application "QuarkXPress"
data size	datasize(application["QuarkXPress"].name,inttype)	data size of name of application "QuarkXPress" as integer
get	get (application[1].autosave)	get auto save of application 1
get as	getas (application["QuarkXPress"].name,stringtype)	get name of application "QuarkXPress" as string
set	set (application[1].doclayoutshowing,true)	set doc layout showing of QuarkXPress to true

application Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
application					
default document					
delimit table					
dic color					
document					
file					
focoltone color					
menu					
pantone color					
pantone prosim color					
pantone uncoated color					
process pantone color					
toyo color					
trumatch color					
window					

application Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	about showing	boolean	If TRUE, then the about is showing.
	auto backup	boolean	If TRUE, then the auto backup option is on.
	auto lib save	boolean	If TRUE, saves changes to a library automatically whenever an entry is added.
	auto save	boolean	If TRUE, auto save is on.
	auto save interval	fixed	Amount of time (in minutes) between each auto save.
	backup destination	alias	Destination folder of backup files.
	best type	type class	The best descriptor type.
	calibrated pantone	boolean	If TRUE, PANTONE® colors are accurately showing. Available only if the Professional Color Toolkit Control Panel device is installed.
	class	type class	The class.
	clipboard	a list of anything	The clipboard.
	clipboard showing	boolean	If TRUE, then the clipboard is showing.
	color TIFF resolution	use 8 bit/use 16 bit/use 32 bit	Resolution at which to display color TIFF images.
	colors showing	boolean	If TRUE, then the Colors palette is showing.
	convert quotes	boolean	If TRUE, then convert standard quotes to typographer s quotes when importing text.
	current box	reference	Currently selected box.
	default type	type class	The default descriptor type.
	doc layout showing	boolean	If TRUE, then the Document Layout palette is showing.
	font list	a list of font record	List of fonts available to application.
	frontmost	boolean	Is this the frontmost application?
	gray TIFF resolution	use 16 levels/use 256 levels	Resolution at which to display gray scale TIFF images.
	grid guide color	RGB color	Color of grid guides.
	help showing	boolean	If TRUE, then the help is showing.
	import styles	boolean	If TRUE, then import style sheets when importing text.
	live scroll	boolean	If TRUE, then perform live scrolling.
	margin guide color	RGB color	Color of margin guides.
	maximize document bounds	boolean	If TRUE, maximize document boundary when zooming tiling or stacking.
	measurements showing	boolean	If TRUE, then the measurements palette is showing.
	name	string	Name of this application.
	object reference	reference	An object reference for this object.
	offscreen draw	boolean	If TRUE, then off screen draw is on.

application Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	page grabber	boolean	If TRUE, then page grabbing function is on.
	pasteboard width	small integer	Width of the pasteboard (in percent).
	properties	record	Property that allows setting of a list of properties.
	quote types	small integer	Type of quotes to use for smart quotes.
	registration marks offset	fixed	Registration marks offset.
	ruler guide color	RGB color	Color of ruler guides.
	scroll speed	fixed	Speed of scrolling.
	selection	selection-object	The selection visible to the user.
	smart quotes	boolean	If TRUE, then converts standard quotes to typographer s quotes.
	style sheets showing	boolean	If TRUE, then the style sheets palette is showing.
	tile to multiple monitors	boolean	If TRUE, tiles documents to multiple monitors.
	tools showing	boolean	If TRUE, then the Tools palette is showing.
	total backups	small integer	Total number of backups to keep.
	trap information showing	boolean	If TRUE, then the Trap Information palette is showing.
	version	version	The version of the application.

document Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
close	close(document["Kristy"])	close document "Kristy"
count	count(story,document[1])	count of each story in document 1
create	create(document,0,0,beginningof(it))	make document at beginning
data size	data size(document[1].name,inttype)	data size of name of document 1 as integer
get	get(document[1].name)	get name of document 1
get as	getas(document[2].filepath,stringtype)	get file path of document 2 as string
open import ask	open(document["Test"],yes,ask,ask)	open document "Test" use doc prefs yes remap fonts ask do auto picture
print	print(document[all])	print every document
save	save(document[1],alias("Constructed Document"))	save document 1 in "Constructed Document"
set	set(document[1].keepmasterpageitems,true)	set keep master page items of document 1 to true
show	show(document[middle])	show middle document

document Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
color spec					
generic box					
h and j spec					
image					
line box					
page					
picture box					
spread					
story					
style spec					
text box					

document Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	auto constrain	boolean	If TRUE, then automatically constrain limits of items within boxes.
	auto kern	boolean	TRUE if auto kerning should apply.
	auto leading	percent	Specifies the value to use for auto leading.
	auto page insertion location	small integer	Automatic page insertion location.
	auto picture import	auto import off/auto import on/auto import on verify	Automatically updates modified pictures since last opened. Selection dependent.
	automatic text box	boolean	If TRUE, create an automatic text box for each new page.
	automatic trap amount	trap units	Specifies auto trap amount.
	auxiliary dictionary path	alias	The path of the auxiliary dictionary file of this document.
	baseline grid increment	vertical measurement	Specifies the baseline grid interval.
	baseline grid showing	boolean	If TRUE, baseline grid is showing.
	baseline grid start	vertical measurement	Specifies baseline grid start.
	best type	type class	The best descriptor type.
	bottom margin	vertical measurement	The location of the bottom margin of a page in this document.
	ciceros per centimeter	fixed	Specifies number of ciceros per centimeter.
	class	type class	The class.
	column count	integer	Number of columns in this document.
	current box	reference	Currently selected box.
	current page	page	Current page displayed to user.
	current spread	spread	Current spread displayed to user.
	default spread count	integer	Default Spread Count.
	default tool mode	drag mode/contents mode/rotate mode/view mode/ rect mode/rounded rect mode/oval mode/poly mode/ rounded rect pic mode/oval pic mode/poly pic mode/ line mode	Default tool mode.
	default type	type class	The default descriptor type.
	enhanced hyphenation method	boolean	If TRUE, enhanced hyphenation mode is active.
	facing pages	boolean	If TRUE, creates double-sided pages.
	file path	alias	File path of this document.
	flex space width	percent	Specifies value for custom width space.
	flow version	fixed	Document flow version.
	font list	a list of font record	List of fonts used in this document.

document Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	fractional character widths	boolean	If TRUE, print characters using fractional widths (default). If FALSE, print character widths using integral widths.
	frame inside	boolean	If TRUE, then places frames inside text or picture boxes.
	greek below	font units	Specifies text size below which to display text as gray lines.
	greek pictures	boolean	If TRUE, then displays pictures as grayed images.
	guides in front	boolean	If TRUE, then places guides in front of all boxes.
	guides showing	boolean	If TRUE, then guides are showing.
	gutter width	horizontal measurement	The width of the default text box s gutter in this document.
	horizontal measure	inches/inches decimal/picas/points/millimeters/ ciceros	Horizontal measurement units.
	ignore white	boolean	If TRUE, then specifies that an object color in front of multiple backgrounds that include white not take white into account when trapping.
	indeterminate trap amount	trap units	Specifies value for trapping to indeterminate background color.
	index	integer	Index of object.
	inside margin	horizontal measurement	The location of the inside margin of a page in this document (with facing pages TRUE) .
	invisibles showing	boolean	If TRUE, then invisible characters are showing.
	item spread coords	boolean	If TRUE, then displays items in spread coordinates.
	keep master page items	boolean	If TRUE, then specifies whether modified master items are kept or removed when they are modified on the master.
	kern above	font units	Size of text above which auto kerning should apply.
	left margin	horizontal measurement	The location of the left margin of a page in this document.
	ligatures on	boolean	If TRUE, combine certain characters into a single character (ligatures) .
	lock guides	boolean	If TRUE, then lock guides.
	low quality blends	boolean	If TRUE then display banded blends (faster) .
	maintain leading	boolean	If TRUE then specifies that the baseline of a line that falls immediately below an obstruction is placed according to its applied leading value.
	maximum ligature track	fixed	The maximum amount that ligatures can be tracked or kerned apart before they break into separate characters.
	maximum view scale	percent	Specifies the largest document view using the zoom tool.
	minimum view scale	percent	Specifies the smallest document view using the zoom tool.

modified

boolean

Has the document been modified

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			since the last save?
document Properties, Data Types, and Descriptions			

name

string

Name of this document.

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	object reference	reference	An object reference for this object.
	outside margin	horizontal measurement	The location of the outside margin of a page in this document (with facing pages TRUE) .
	overprint limit	fixed	Specifies the value for shade of color below which it will not overprint.
	page height	vertical measurement	The height of a page in this document.
	page width	horizontal measurement	The width of a page in this document.
	points per inch	fixed	Specifies number of points per inch.
	print setup	print setup record	Settings used when printing this document.
	process trap	boolean	If TRUE, process trapping is on.
	properties	record	Property that allows setting of a list of properties.
	right margin	horizontal measurement	The location of the right margin of a page in this document.
	rulers showing	boolean	If TRUE, then rulers are showing.
	small caps horizontal scale	percent	Value of horizontal scale for small cap characters.
	small caps vertical scale	percent	Value of vertical scale for small cap characters.
	snap distance	points	Specifies distance within which items snap to guides.
	spread height	vertical measurement	The height of a spread (including pasteboard) in this document.
	spread rule origin	fixed point	Location of the spread s ruler origin.
	spread width	horizontal measurement	The width of a spread (including pasteboard) in this document.
	subscript horizontal scale	percent	Value of horizontal scale for subscript characters.
	subscript offset	percent	Value of offset for subscript characters.
	subscript vertical scale	percent	Value of vertical scale for subscript characters.
	superscript horizontal scale	percent	Value of horizontal scale for superscript characters.
	superscript offset	fixed	Value of offset for superscript characters.
	superscript vertical scale	percent	Value of vertical scale for superscript characters.
	tool mode	drag mode/contents mode/rotate mode/view mode/ rect mode/rounded rect mode/oval mode/poly mode/ rounded rect pic mode/oval pic mode/poly pic mode/ line mode	The tool that is currently selected.
	top margin	vertical measurement	The location of the top margin of a page in this document.
	trap absolute	boolean	If TRUE, then absolute method applies (default). If FALSE, then proportional method applies.

document Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
close	close(window[1])	close window 1
data size	datasize(window[1].name,inttype)	data size of name of window 1 as integer
exists	exists(window[3])	exists window 3
get	get(window[1].name)	get name of window 1
get as	getas(window[1].bounds,inttype)	get bounds of window 1 as integer
set	set(window[1].index,2)	set index of window 1 to 2
show	show(window[2])	show window 2

typesetting leading mode

boolean

If TRUE, specifies value of leading

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
			upward from the baseline of one line of text to the baseline of the line above it. If FALSE, specifies Word Processing mode which measures leading downward from the top of the ascent on the line below it.		
vertical measure	inches/inches decimal/ciceros	picas/points/millimeters/	Vertical measurement units.		
view scale	fit page in window/fit spread in window/thumbnails, or percent		The current view scale of this document.		
view scale increment	percent		Specifies the percent of change in view for each mouse click using the zoom tool.		

window Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	window Elements and Reference Forms		

none

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(character [1] after(charcter [2]))	duplicate character 1 after character 2
count	count(character,word[1])	count of each character in word 1
create	create(character,"s",0,endOf(word[1]))	create character "s" at end of word 1
data size	datasize(character[1].style,inttype)	data size of style of character 1
delete	delete(character[1])	delete character 1
exists	exists(character[1])	exists(character 1)
get	get(character[4].baseshift)	get base shift of character 4
get as	getas(character[4].color,stringtype)	get color of character 4 as string
move	move(character[1],after(character[3]))	move character 1 to after character 3
set	set(character[1].droppcaplines,4)	set drop cap lines of character 1 to 4
show	show(character[last])	show last character

window Properties, Data Types, and Descriptions

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
best type	type class		The best descriptor type.		
class	type class		The class.		
default type	type class		The default descriptor type.		
name	string		Window name (title).		
object reference	reference		An object reference for this object.		
properties	record		Property that allows setting of a list of properties.		

character Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
character Elements	and Reference Forms		

character

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(line[1],after(line[3]))	duplicate line 1 to after line 3
count	count(character,line[2])	count of each character in line 2
create	create(line,0,0,begimmingof(it))	make line at beginning
data size	datasize(line[1].track,inttype)	data size of track of line 1 as integer
delete	delete(line[1])	delete line 1
get	get(line[1].track)	get track of line 1
get as	getas(line[1].justification,stringtype)	get justification of line 1 as string
move	move(line[1],after(line[3]))	move line 1 after line 3
save	saveAS(line[1],alias("Hard Disk:TextFile"),"TEXT")	save line 1 as "TEXT" in file "Hard Disk:TextFile"

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
line					
paragraph					
story					
text					
text style range					
word					

character Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	ascent	font units	The maximum ascent of any character in this text.
	base shift	base units	Baseline shift of the first character of this text.
	baseline	vertical measurement	Vertical offset (from the top of the containing text box) of the baseline of the first character of this text.
	best type	type class	The best descriptor type.
	class	type class	The class.
	color	color spec	The color of the first character of this text.
	contents	string	Contents of this text.
	default type	type class	The default descriptor type.
	descent	font units	The maximum descent of any character in this text.
	font	string	The name of the font of the first character in this text.
	height	font units	Height of this text.
	horizontal offset	horizontal measurement	Horizontal offset (from the left side of the containing text box) of the first character of this text.
	horizontal scale	percent	Horizontal scale of the first character of this text.
	kern	fixed	Kerning of the first character of this text.
	object reference	reference	An object reference for this object.
	offset	integer	Offset (character index) of the first character of this text object within the containing story.
	properties	record	Property that allows setting of a list of properties.
	shade	percent	Shade of the first character of this text.
	size	fixed	The size of the first character of this text in points.
	style	text style info	The text styles applied to this text.
	track	fixed	Tracking of the first character of this text.
	trap text	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trapping specification for the first character of this text.
	uniform styles	text style info	Text styles that are uniformly applied to this text.
	vertical scale	percent	Vertical scale of the first character of this text.
	width	horizontal measurement	Width of the first character of this text.
	writing code	writing code	The script system and language used by the first character of this text.

line Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (paragraph [4] ,before (paragraph [1]))	duplicate paragraph 4 to before paragraph 1
count	count (word,paragraph [1])	count of each word in paragraph 1
create	create (paragraph ,0,0,endif (it))	make paragraph at end
data size	datasize (paragraph [3] .leading, inttype)	data size of leading of paragraph 3 as integer
delete	delete (paragraph [1])	delete paragraph 1
get	get (paragraph [4] .height)	get height of paragraph 4
get as	getas (paragraph [1] .font, stringtype)	get font of paragraph 1 as string
move	move (paragraph [1] ,after (paragraph [3]))	move paragraph 1 to after paragraph 3
save	save (paragraph [3] , "TEXT")	save paragraph 3 as "TEXT"
set	set (paragraph [1] .justification, center)	set justification of paragraph 1 to center
show	show (paragraph [1])	show paragraph 1

line Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
character					
line					
paragraph					
story					
text					
text style range					
word					

Line Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	ascent	font units	The maximum ascent of any character in this text.
	base shift	base units	Baseline shift of the first character of this text.
	baseline	vertical measurement	Vertical offset (from the top of the containing text box) of the baseline of the first character of this text.
	best type	type class	The best descriptor type.
	class	type class	The class.
	color	color spec	The color of the first character of this text.
	contents	string	Contents of this text.
	default type	type class	The default descriptor type.
	descent	font units	The maximum descent of any character in this text.
	font	string	The name of the font of the first character in this text.
	height	font units	Height of this text.
	horizontal offset	horizontal measurement	Horizontal offset (from the left side of the containing text box) of the first character of this text.
	horizontal scale	percent	Horizontal scale of the first character of this text.
	kern	fixed	Kerning of the first character of this text.
	object reference	reference	An object reference for this object.
	offset	integer	Offset (character index) of the first character of this text object within the containing story.
	properties	record	Property that allows setting of a list of properties.
	shade	percent	Shade of the first character of this text.
	size	fixed	The size of the first character of this text in points.
	style	text style info	The text styles applied to this text.
	track	fixed	Tracking of the first character of this text.
	trap text	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trapping specification for the first character of this text.
	uniform styles	text style info	Text styles that are uniformly applied to this text.
	vertical scale	percent	Vertical scale of the first character of this text.
	width	horizontal measurement	Width of the first character of this text.
	writing code	writing code	The script system and language used by the first character of this text.

paragraph Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
paragraph	Elements	and Reference Forms	

character

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (story[1] ,after (story[2]))	duplicate story 1 to after story 2
count	count (paragraph, story [1])	count of each paragraph in story 1
create	create (story, 0, 0, beginningOf (it))	make story at beginning
data size	datasize (story [4] .name, inttype)	data size of name of story 4 as integer
delete	delete (story [1])	delete story 1
get	get (story [1] .contents)	get contents of story1
get as	getas (story [1] .color, stringtype)	get color of story 1 as string
move	move (story [1] ,after (story [2]))	move story 1 to after story 2
save	save (story [1] , "TEXT")	save story 1 as "TEXT"
set	set (story [1] .font, "Times")	set font of story 1 to "Times"
show	show (story [1])	show story 1

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
line					
paragraph					
story					
text					
text style range					
word					

paragraph Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	ascent	font units	The maximum ascent of any character in this text.
	base shift	base units	Baseline shift of the first character of this text.
	baseline	vertical measurement	Vertical offset (from the top of the containing text box) of the baseline of the first character of this text.
	best type	type class	The best descriptor type.
	class	type class	The class.
	color	color spec	The color of the first character of this text.
	contents	string	Contents of this text.
	default type	type class	The default descriptor type.
	descent	font units	The maximum descent of any character in this text.
	drop cap characters	small integer	Specifies the number of drop characters.
	drop cap lines	small integer	Specifies the number of lines the enlarged character(s) drop.
	first indent	horizontal measurement	Specifies the first line indent value.
	font	string	The name of the font of the first character in this text.
	grid lock	boolean	If TRUE, then lock paragraph to baseline grid.
	h and j set	h and j spec	The hyphenation and justification specification applied to this paragraph.
	height	font units	Height of this text.
	horizontal offset	horizontal measurement	Horizontal offset (from the left side of the containing text box) of the first character of this text.
	horizontal scale	percent	Horizontal scale of the first character of this text.
	justification	left justified/right justified/centered/fully justified/ force justified	Justification for lines of text.
	keep all	boolean	If TRUE, and keep together is on, then keeps all lines together.
	keep together	boolean	If TRUE, then keep together is on.
	keep together end	small integer	Specifies number of lines to keep together at end of paragraph.
	keep together start	small integer	Specifies number of lines to keep together at start of paragraph.
	keep with next	boolean	If TRUE, will not separate paragraph from next paragraph.
	kern	fixed	Kerning of the first character of this text.
	language	small integer	Language of the paragraph.
	leading	leading units	Specifies the vertical spacing between lines of text in the paragraph.
	left indent	horizontal measurement	Specifies the left indent value.

paragraph Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(text [1],after(text [2]))	duplicate text 1 to after text 2
count	count(words,text [1])	count of each word in text 1
create	create(text,0,0,eof(it))	make text at end
data size	datasize(text [2].height,inttype)	data size of height of text 2 as integer
delete	delete(text [1])	delete text 1
get	get(text [all].leading)	get leading of text all
get as	getas(text [2].height,inttype)	get height of text 2 as integer
save	save(text [3],"TEXT")	save text 3 as "TEXT"
set	set(text [1].justification,center)	set justification of text 1 to center
show	show(text [1])	show text 1

object reference

reference

An object reference for this object.

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
offset	integer		Offset (character index) of the first character of this text object within the containing story.		
properties	record		Property that allows setting of a list of properties.		
relative leading	boolean		If TRUE, then leading is relative to largest font on each line.		
right indent	horizontal measurement		Specifies the right indent value.		
rule above	rule record		Rule above properties.		
rule below	rule record		Rule below properties.		
shade	percent		Shade of the first character of this text.		
size	fixed		The size of the first character of this text in points.		
space after	vertical measurement		Specifies the value of the space below the last line of the paragraph.		
space before	vertical measurement		Specifies the value of the space above the paragraph.		
style	text style info		The text styles applied to this text.		
style sheet	style spec		Specifies the ID of the style spec applied to the paragraph.		
tab list	a list of tab record		A list of the tabs in the paragraph.		

story Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(word["Son of"],before(word["Bob"]))	duplicate word "Son of" to before word "Bob"
count	count(character,word[1])	count of each character in word 1
create	create(word,"Blue",0,beginningof(it))	make word at beginning with data "Blue"
data size	datasize(word[1].font,inttype)	data size of font of word 1 as integer
delete	delete(word[1])	delete word 1
get	get(word[4].baseshift)	get base shift of word 4
get as	getas(word["QuarkXPress"].baseshift,inttype)	get base shift of word "QuarkXPress" as integer
move	move(word[1],after(word[3]))	move word 1 to after word 3
save	save(word["Blue"],"TEXT")	save word "Blue" as "TEXT"
set	set(word[1].horizontalscale,30)	set horizontal scale of word 1 to 30
show	show(word[5])	show word 5

story Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
character					
line					
paragraph					
story					
text					
text style range					
word					

story Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	ascent	font units	The maximum ascent of any character in this text.
	base shift	base units	Baseline shift of the first character of this text.
	baseline	vertical measurement	Vertical offset (from the top of the containing text box) of the baseline of the first character of this text.
	best type	type class	The best descriptor type.
	class	type class	The class.
	color	color spec	The color of the first character of this text.
	contents	string	Contents of this text.
	default type	type class	The default descriptor type.
	descent	font units	The maximum descent of any character in this text.
	font	string	The name of the font of the first character in this text.
	height	font units	Height of this text.
	horizontal offset	horizontal measurement	Horizontal offset (from the left side of the containing text box) of the first character of this text.
	horizontal scale	percent	Horizontal scale of the first character of this text.
	kern	fixed	Kerning of the first character of this text.
	name	string	Name of this story.
	object reference	reference	An object reference for this object.
	offset	integer	Offset (character index) of the first character of this text object within the containing story.
	properties	record	Property that allows setting of a list of properties.
	shade	percent	Shade of the first character of this text.
	size	fixed	The size of the first character of this text in points.
	style	text style info	The text styles applied to this text.
	track	fixed	Tracking of the first character of this text.
	trap text	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trapping specification for the first character of this text.
	uniform styles	text style info	Text styles that are uniformly applied to this text.
	vertical scale	percent	Vertical scale of the first character of this text.
	width	horizontal measurement	Width of the first character of this text.
	writing code	writing code	The script system and language used by the first character of this text.

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(colorspec["Red"],after(colorspec["Blue"]))	duplicate color spec "Red" to after color spec "Blue"
create	create(colorspec,0,0,beginningof(it))	make color spec at beginning
data size Purple" as integer	datasize(colorspec["Mountain Purple"].name,inttype)	data size of name of color spec "M
delete	delete(colorspec["New Color"])	delete color spec "New Color"
get	get(colorspec["NewCMYK"].separation)	get separation of color spec "NewCMYK"
get as	getas(colorspec["Gold"].name,stringtype)	get name of color spec "Gold" as string
move	move(colorspec["Red"],after(colorspec["Blue"]))	move color spec "Red" to after color spec "Blue"
set	set(colorspec["Elizabeth"].name,"Mountain Purple")	set name of color spec "Elizabeth" to "Mountain Purple"

text Events and Examples

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
text Elements and Reference Forms					

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
line			
paragraph			
story			
text			
text style range			
word			

text Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
count	count (colorspec, defaultdocument [1])	count of each color spec in default document 1
data size	datasize (defaultdocument [1] .viewscale, inttype)	data size of view scale of default document as integer
get	get (defaultdocument [1] .pagewidth)	get page width of default document 1
get as	getas (defaultdocument [1] .lockguides, stringtype)	get lock guides of default document 1 as string
set	set (defaultdocument [1] .autoconstrain, true)	set auto constrain of default document 1 to true

ascent

font units

The maximum ascent of any charac -

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
			ter in this text.		
base shift	base units		Baseline shift of the first	character of this text.	
baseline	vertical measurement		Vertical offset (from the top of the containing text box) of the baseline of the first char -	acter of this text.	
best type	type class		The best descriptor type.		
class	type class		The class.		
color	color spec		The color of the first character of this text.		
contents	string		Contents of this text.		
default type	type class		The default descriptor type.		
descent	font units		The maximum descent of any character in this text.		
font	string		The name of the font of the first character in this text.		
height	font units		Height of this text.		
horizontal offset	horizontal measurement		Horizontal offset (from the left side of the containing text box) of the first character of	this text.	

horizontal scale

percent

Horizontal scale of the first character

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			of this text.
	kern	fixed	Kerning of the first character of this text.
	object reference	reference	An object reference for this object.
	offset	integer	Offset (character index) of the first character of this text object within the containing story.
	properties	record	Property that allows setting of a list of properties.
	shade	percent	Shade of the first character of this text.
	size	fixed	The size of the first character of this text in points.
	style	text style info	The text styles applied to this text.
	track	fixed	Tracking of the first character of this text.
	trap text	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trapping specification for the first character of this text.
	uniform styles	text style info	Text styles that are uniformly applied to this text.
	vertical scale	percent	Vertical scale of the first character of this text.
	width	horizontal measurement	Width of the first character of this text.
	writing code	writing code	The script system and language used by the first character of this text.

word Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
word	Elements and	Reference Forms	

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	line		
	paragraph		
	story		
	text		
	text style range		
	word		

word Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
set	set (delimitTable[1].delimitItem[":"],0)	set delimit item ":" of delimit table 1 to can start or end word
get	get (delimitTable[1].delimitItem[":"])	get delimit item ":" of delimit table 1

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
ascent	font units		The maximum ascent of any character in this text.		
base shift	base units		Baseline shift of the first character of this text.		
baseline	vertical measurement		Vertical offset (from the top of the containing text box) of the baseline of the first character of this text.		
best type	type class		The best descriptor type.		
class	type class		The class.		
color	color spec		The color of the first character of this text.		
contents	string		Contents of this text.		
default type	type class		The default descriptor type.		
descent	font units		The maximum descent of any character in this text.		
font	string		The name of the font of the first character in this text.		
height	font units		Height of this text.		
horizontal offset	horizontal measurement		Horizontal offset (from the left side of the containing text box) of the first character of this text.		

horizontal scale

percent

Horizontal scale of the first character

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			of this text.
	kern	fixed	Kerning of the first character of this text.
	object reference	reference	An object reference for this object.
	offset	integer	Offset (character index) of the first character of this text object within the containing story.
	properties	record	Property that allows setting of a list of properties.
	shade	percent	Shade of the first character of this text.
	size	fixed	The size of the first character of this text in points.
	style	text style info	The text styles applied to this text.
	track	fixed	Tracking of the first character of this text.
	trap text	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trapping specification for the first character of this text.
	uniform styles	text style info	Text styles that are uniformly applied to this text.
	vertical scale	percent	Vertical scale of the first character of this text.
	width	horizontal measurement	Width of the first character of this text.
	writing code	writing code	The script system and language used by the first character of this text.

color spec Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	<code>clone (genericbox [10] ,before (genericbox [1]))</code>	duplicate genericbox 10 to before genericbox 1
count	<code>count (word, genericbox [1])</code>	count of each word in generic box 1
data size	<code>datasize (genericbox [1] .rotation, inttype)</code>	data size of rotation of generic box 1 as integer
delete	<code>delete (genericbox [2])</code>	delete generic box 2
get	<code>get (genericbox [2] .bounds)</code>	get bounds of generic box 2
get as	<code>getas (genericbox [all] .framecolor, stringtype)</code>	get frame color of every generic box as string
move	<code>move (genericbox ["Linda"], after (genericbox [last]))</code>	move generic box "Linda" to after last generic box
set	<code>set (genericbox ["Sid"] .color, "Blue")</code>	set color of generic box "Sid" to "Blue"
show	<code>show (genericbox ["Kelly"])</code>	show generic box "Kelly"

color spec Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
none					

color spec Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	CMYK color value	CMYK color	Representation of color in CMYK space.
	HSB color value	HSB color	Representation of color in HSB space.
	RGB color value	RGB color	Representation of color in RGB space.
	angle	small integer	Screen angle.
	best type	type class	The best descriptor type.
	class	type class	The class.
	color flag	RGB color info/CMYK color info/LAB color info	The basic color information type associated with this color.
	color type	HSB type/RGB type/CMYK type/pantone type/ dic type/toyo type/trumatch type/focoltone type pantone process type/pantone uncoated type/ pantone anpa type	Type of color.
	default type	type class	The default descriptor type.
	index	integer	Index of the object.
	locked	boolean	If TRUE, then the color cannot be modified.
	name	string	Name of the color.
	object reference	reference	An object reference for this object.
	properties	record	Property that allows setting of a list of properties.
	registration color	boolean	If TRUE, then this color is the registration color.
	separation	boolean	If TRUE, then separate into process color component.

default document Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
data size	<code>datasize(handjspec["Standard"].name,inttype)</code>	data size of name of h and j spec "Standard" as integer
get	<code>get(handjspec["Standard"].breakCapitalizedWords)</code>	get break capitalized words of h and j spec "Standard"
get as	<code>getas(handjspec["Standard"].flushzone,inttype)</code>	get flush zone of h and j spec "Standard" as integer
set	<code>set(handjspec["Standard"].minimumafter,3)</code>	set minimum after of h and j spec "Standard" to 3

default document Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
color spec					
h and j spec					
style spec					

default document Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	auto constrain	boolean	If TRUE, then automatically constrain limits of items within boxes.
	auto kern	boolean	TRUE if auto kerning should apply.
	auto leading	percent	Specifies the value to use for auto leading.
	auto page insertion location	small integer	Automatic page insertion location.
	auto picture import	auto import off/auto import on/auto import on verify	Automatically updates modified pictures since last opened. Selection dependent.
	automatic text box	boolean	If TRUE, create an automatic text box for each new page.
	automatic trap amount	trap units	Specifies auto trap amount.
	auxiliary dictionary path	alias	The path of the auxiliary dictionary file of this document.
	baseline grid increment	vertical measurement	Specifies the baseline grid interval.
	baseline grid showing	boolean	If TRUE, baseline grid is showing.
	baseline grid start	vertical measurement	Specifies baseline grid start.
	best type	type class	The best descriptor type.
	bottom margin	vertical measurement	The location of the bottom margin of a page in this document.
	ciceros per centimeter	fixed	Specifies number of ciceros per centimeter.
	class	type class	The class.
	column count	integer	Number of columns in this document.
	default spread count	integer	Default Spread Count.
	default tool mode	drag mode/contents mode/rotate mode/view mode/ rect mode/rounded rect mode/oval mode/poly mode/ rounded rect pic mode/oval pic mode/poly pic mode/ line mode	Default tool mode.
	default type	type class	The default descriptor type.
	enhanced hyphenation method	boolean	If TRUE, enhanced hyphenation mode is active.
	facing pages	boolean	If TRUE, creates double-sided pages.
	flex space width	percent	Specifies value for custom width space.
	fractional character widths	boolean	If TRUE, print characters using fractional widths (default). If FALSE, print character widths using integral widths.
	frame inside	boolean	If TRUE, then places frames inside text or picture boxes.
	greek below	font units	Specifies text size below which to display text as gray lines.
	greek pictures	boolean	If TRUE, then displays pictures as grayed images.
	guides in front	boolean	If TRUE, then places guides in front of all boxes.

default document Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(horizontalguide[1],after(horizontalguide[10]))	duplicate horizontal guide 1 to after horizontal guide 10
create	create(horizontalguide,0,0,beginningof(it))	make horizontal guide at beginning
data size	datasize(horizontalguide[2]position,inttype)	data size of position of horizontal guide 2 as integer
delete	delete(horizontalguide[1])	delete horizontal guide 1
get	get(horizontalguide[4].undeletable)	get undeletable of horizontal guide 4
get as	getas(horizontalguide[1].position,inttype)	get position of horizontal guide 1 as integer
move	move(horizontalguide[1],after(horizontalguide[3]))	move horizontal guide 1 to after horizontal guide 3
set	set(horizontalguide[1].position,"6 cm")	set position of horizontal guide 1 to "6 cm"

guides showing

boolean

If TRUE, then guides are showing.

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
gutter width	horizontal measurement		The width of the default text box's gutter in this document.		
horizontal measure	inches/inches decimal/picas/points/millimeters/ciceros		Horizontal measurement units.		
ignore white	boolean		If TRUE, then specifies that an object color in front of multiple backgrounds that include white not take white into account when trapping.		
indeterminate trap amount	trap units		Specifies value for trapping to indeterminate background color.		
index	integer		Index of object.		
inside margin	horizontal measurement		The location of the inside margin of a page in this document (with facing pages TRUE).		
invisibles showing	boolean		If TRUE, then invisible characters are showing.		
item spread coords	boolean		If TRUE, then displays items in spread coordinates.		
keep master page items	boolean		If TRUE, then specifies whether modified master items are kept or removed when they are modified on the master.		
kern above	font units		Size of text above which auto kerning should apply.		

left margin

horizontal measurement

The location of the left margin of a

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			page in this document.
	ligatures on	boolean	If TRUE, combine certain characters into a single character (ligatures).
	lock guides	boolean	If TRUE, then lock guides.
	low quality blends	boolean	If TRUE then display banded blends (faster).
	maintain leading	boolean	If TRUE then specifies that the baseline of a line that falls immediately below an obstruction is placed according to its applied leading value.
	maximum ligature track	fixed	The maximum amount that ligatures can be tracked or kered apart before they break into separate characters.
	maximum view scale	percent	Specifies the largest document view using the zoom tool.
	minimum view scale	percent	Specifies the smallest document view using the zoom tool.
	modified	boolean	Has the document been modified since the last save?
	object reference	reference	An object reference for this object.
	outside margin	horizontal measurement	The location of the outside margin of a page in this document (with facing pages TRUE).
	overprint limit	fixed	Specifies the value for shade of color below which it will not overprint.
	page height	vertical measurement	The height of a page in this document.
	page width	horizontal measurement	The width of a page in this document.
	points per inch	fixed	Specifies number of points per inch.
default document Properties, Data Types, and Descriptions			

process trap

boolean

If TRUE, process trapping is on.

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (image["Bag.Tiff"], replace(image["Gloves"]))	duplicate image "Bag.Tiff" to replace image "Gloves"
data size	datasize(image["Bag.Tiff"].imagescale, inttype)	data size of image scale of image "Bag.Tiff" as integer
delete	delete(image[1])	delete image 1
get	get (image[2].imageskew)	get image skew of image 2
get as	getas (image["Bag.Tiff"].name, stringtype)	get name of image "Bag.Tiff" as string
set	set (image[1].suppressimageprint, true)	set suppress image print of image 1 to true
show	show(image["Bag.Tiff"])	show image "Bag.Tiff"

properties

record

Property that allows setting of a list of

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
			properties.		
right margin	horizontal measurement		The location of the right margin of a page in this document.		
rulers showing	boolean		If TRUE, then rulers are showing.		
small caps horizontal scale	percent		Value of horizontal scale for small cap characters.		
small caps vertical scale	percent		Value of vertical scale for small cap characters.		
snap distance	points		Specifies distance within which items snap to guides.		
spread height	vertical measurement		The height of a spread (including pasteboard) in this document.		
spread width	horizontal measurement		The width of a spread (including pasteboard) in this document.		
subscript horizontal scale	percent		Value of horizontal scale for subscript characters.		
subscript offset	percent		Value of offset for subscript characters.		
subscript vertical scale	percent		Value of vertical scale for subscript characters.		
superscript horizontal scale	percent		Value of horizontal scale for superscript characters.		
superscript offset	fixed		Value of offset for superscript characters.		
superscript vertical scale	percent		Value of vertical scale for superscript characters.		

top margin

vertical measurement

The location of the top margin of a

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			page in this document.
	trap absolute	boolean	If TRUE, then absolute method applies (default). If FALSE, then proportional method applies.
	typesetting leading mode	boolean	If TRUE, specifies value of leading upward from the baseline of one line of text to the baseline of the line above it. If FALSE, specifies Word Processing mode which measures leading downward from the top of the ascent on the line below it.
	vertical measure	inches/inches decimal/picas/points/millimeters/ ciceros	Vertical measurement units.
	view scale	fit page in window/fit spread in window/thumbnails, or percent .	The current view scale of this document
	view scale increment	percent	Specifies the percent of change in view for each mouse click using the zoom tool.

delimit table Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
delimit table	Elements	and Reference Forms	

delimit item

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	<code>clone(linebox[2],before(linebox[1]))</code>	duplicate linebox 2 to before linebox 1
create	<code>create(linebox,0,0,beginningof(it))</code>	make line box at beginning
data size	<code>datasize(linebox[1].linewidth,inttype)</code>	data size of line width of linebox 1 as integer
delete	<code>delete(linebox[1])</code>	delete line box 1
get	<code>get(linebox[4].color)</code>	get color of line box 4
get as	<code>getas(linebox[1].endcaps,inttype)</code>	get end caps of line box 1 as integer
move	<code>move(linebox["Deborah"],before(linebox["Jay"]))</code>	move line box "Deborah" to before line box "Jay"
set	<code>set(linebox[1].linewidth,"6 pt")</code>	set line width of line box 1 to "6 pt"
show	<code>show(linebox["Fred"])</code>	show line box "Fred"

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT

delimit table Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	none		

generic box Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
close	close (masterDocument ["Kristy"])	close master document "Kristy"
count	count (masterDocument [1])	count of each story in master document 1
create	create (masterDocument, 0, 0, beginningof (it))	make master document at beginning
data size	data size (masterDocument [1].name, inttype)	data size of name of master document 1 as integer
get	get (masterDocument [1].name)	get name of master document 1
get as	getas (masterDocument [2].filepath, stringtype)	get file path of master document 2 as string
open	open (masterDocument ["Test"], yes, ask, ask)	open master document "Test" use doc prefs yes remap fonts ask do auto picture import ask
print	print (masterDocument [all])	print every master document
save "Constructed Document"	save (masterDocument [1], alias ("Constructed Document"))	save master doc
set	set (masterDocument [1].keepmasterpageitems, true)	set keep master page items of master document 1 to true
show	show (masterDocument [middle])	show middle master document

generic box Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
character					
image					
line					
paragraph					
story					
text					
text style range					
word					

generic box Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	anchored	boolean	If TRUE, then the box is anchored in text.
	background trap	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Specifies amount to trap background.
	best type	type class	The best descriptor type.
	box type	line box/picture box/text box/xtension box	Type of this box.
	class	type class	The class.
	color	color spec	Color of the box.
	default type	type class	The default descriptor type.
	index	integer	Index of this box on its containing spread.
	name	string	Name of the box.
	object reference	reference	An object reference for this object.
	properties	record	Property that allows setting of a list of properties.
	rotation	angle measurement	Rotation of this box.
	runaround	item runaround/none runaround/auto runaround/ manual runaround	Specifies control of the way text flows with respect to this box.
	selected	boolean	If TRUE, then this box is selected.
	shade	percent	Shade of the box.
	suppress printing	boolean	If TRUE, then this box is suppressed on printout.

h and j spec Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
h and j	spec Elements	and Reference Forms	

none

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
h and j	spec Properties,	Data Types,	and Descriptions

auto hyphenation

boolean

If TRUE, then auto hyphenation is

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			active.
	best type	type class	The best descriptor type.
	break capitalized words	boolean	If TRUE, then proper nouns and the first words of sentences are broken.
	character justification	justification record	Justification settings for non-space characters.
	class	type class	The class.
	default type	type class	The default descriptor type.
	flush zone	percent	Controls whether the last line of text in a justified paragraph will automatically extend to the right indent.
	hyphenation zone	percent	Specifies area within which hyphenation can occur (automatic or manual).
	hyphens in a row	small integer	Specifies the maximum number of consecutive lines that can end in manually or automatically hyphenated words.
	index	integer	Index of the object.
	minimum after	small integer	Specifies the minimum number of characters that must follow an automatic hyphen.
	minimum before	small integer	Specifies the minimum number of characters that must precede an automatic hyphen.
	name	string	Name of the h and j spec.
	object reference	reference	An object reference for this object.
	properties	record	Property that allows setting of a list of properties.
	single word justify	boolean	If TRUE, then words alone on line are justified.
	smallest word	small integer	Defines the minimum number of characters a word must contain to be hyphenated.
	space justification	justification record	Justification settings for space characters.

horizontal guide Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (page [3] , after (page [5]))	duplicate page 3 to after page 5
count	count (picturebox, page [1])	count of each picture box in page 1
create	create (page, 0, 0, beginningof (it))	make page at beginning
data size	datasize (page [2] .topmargin, inttype)	data size of top margin of page 2 as integer
delete	delete (page [2])	delete page 2
get	get (page [5] .gutterwidth)	get gutter width of page 5
get as	getas (page [4] .pageprefix, stringtype)	get page prefix of page 4 as string
move	move (page [3] , before (page [1]))	move page 3 to before page 1
save color eps data ASCII EPS	save (page [1] , alias (I) , "EPSF" , macincolor, ASCII EPS, 0)	save page 1 in "I" as "EPSF" eps for
set	set (page [last] .columncount, 3)	set column count of last page to 3
show	show (page [first])	show first page

horizontal guide Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
none					

horizontal guide Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	best type	type class	The best descriptor type.
	class	type class	The class.
	default type	type class	The default descriptor type.
	from master	boolean	If TRUE, this guide is from the master.
	index	integer	Index of the object.
	name	string	Name of the guide.
	object reference	reference	An object reference for this object.
	owner	type class	Owner of the guide.
	position	horizontal measurement	Position of the guide.
	properties	record	Property that allows setting of a list of properties.
	scale	percent	Scale of the guide.
	undeletable	boolean	If TRUE, guide can t be deleted.
	unmoveable	boolean	If TRUE, guide can t be moved.

image Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (picturebox [4] ,before (picturebox [2]))	duplicate picture box 4 to before picture box 2
count	count (image ,picturebox [1])	count of each image in picture box 1
create	create (picturebox ,0,0, endof (it))	make picture box at end
data size	datasize (picturebox [1] .comerradius, inttype)	data size of corner radius of picture box 1 as integer
delete	delete (picturebox ["Dave"])	delete picture box "Dave"
get	get (picturebox [1] .boxtype)	get box type of picture box 1
get as	getas (picturebox [1] .rnumaround, stringtype)	get rnumaround of picture box 1 as string
move	move (picturebox [1] ,after (picturebox ["Tim"]))	move picture box 1 to after picture box "Tim"
set	set (picturebox [first] .locked, true)	set locked of first picture box to true
show	show (picturebox [last])	show last picture box

image Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
none					

image Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	angle	angle measurement	Value for rotating a picture around its center.
	best type	type class	The best descriptor type.
	bounds	center/exact fit/proportional fit	Bounds of this image.
	bounds	measurements rectangle	Bounds of this image.
	class	type class	The class.
	color	color spec	Color of this image.
	contents	picture	Pict representation of this image.
	contrast	normal contrast/high contrast/posterized contrast/ other contrast	Specifies type of contrast.
	default type	type class	The default descriptor type.
	file path	alias	File path to the high-res disk image for this picture (if any).
	file type	type class	Type of the file from which this image was loaded (if any).
	image trap	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Trap override that is applied to image.
	image type	unknown image/line art image/gray scale image/ color 16 bit image/color 32 bit image	Displays the file format the picture was saved as.
	invert runaround	boolean	If TRUE, then flow text within the runaround.
	model	HSB model/RGB model/CMY model/CMYK model	Model for contrast modification.
	name	string	The name of this image.
	negative	boolean	If TRUE, then display negative of this image.
	object reference	reference	An object reference for this object.
	offset	measurements point	Specifies the distance between the origin of the picture box and the upper left corner of the picture.
	properties	record	Property that allows setting of a list of properties.
	scale	percent point	Specifies the scale of this image.
	screen	small integer	Modifies screen function.
	screen angle	angle measurement	Halftone screen angle of this image.
	screen frequency	fixed	Halftone screen frequency of this image.
	screen function	dot spot/line spot/ellipse spot/square spot/ ordered dither	Halftone screen function applied to this image.

image Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone (spread[1], after (spread[6]))	duplicate spread 1 to after spread 6
count	count (textbox, spread[1])	count of each text box in spread 1
create	create (spread, 0, 0, endof (it))	make spread at end
data size	datasize (spread[1].numberofpages, inttype)	data size of number of pages of spread 1 as integer
delete	delete (spread[last])	delete last spread
get	get (spread[1].numberofpages)	get number of pages of spread 1
get as	getas (spread[1].numberofpages, inttype)	get number of pages of spread 1 as integer
move	move (spread[1], after (spread[2]))	move spread 1 to after spread 2
set	You cannot set properties of spread	You cannot set properties of spread
show	show (spread[middle])	show middle spread

shade

percent

Shade of this image.

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
show half tone	boolean		Show halftones on screen.		
skew	angle measurement		Value to slant the picture.		
subscribed	boolean		If TRUE, then this picture is from a subscription.		
suppress printing	boolean		If TRUE, then this image is suppressed on printout.		

line box Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
line box	Elements and Reference Forms		

none

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(stylespec["Enhanced"],after(stypespec[3]))	duplicate style spec "Enhanced" to after style spec 3
count		
create	create(stylespec,0,0,beginningof(it))	make style spec at beginning
data size	datasize(stylespec["Enhanced"].name,inttype)	data size of name of style spec "Enhanced" as integer
delete	delete(stylespec["BodyCopy"])	delete style spec "BodyCopy"
get	get(stylespec["Normal"].nextStyle)	get next Style of style spec "Normal"
get as "Enhanced" as string	getas(stylespec["Enhanced"].keycharacter,stringtype)	get key character of s
move	move(stylespec["Enhanced"],before(stylespec[1]))	move style spec "Enhanced" to before style spec 1
set	set(stylespec[1].name,"Header")	set name of style spec 1 to "Header"

line box Properties, Data Types, and Descriptions

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
anchored	boolean		If TRUE, then the box is	anchored in text.	
background trap	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed		Specifies amount to trap	background.	
best type	type class		The best descriptor type.		
box type	line box/picture box/text box/xtension box		Type of this box.		
class	type class		The class.		
color	color spec		Color of the box.		
default type	type class		The default descriptor type.		
end caps	plain line/right arrow/left arrow/right feathered arrow/ double arrow		Specifies the arrowheads and tail feathers for line.		
index	integer		Index of this box on its	containing spread.	
left point	fixed point		Specifies the left endpoint	of the line.	
name	string		Name of the box.		
object reference	reference		An object reference for this object.		

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
			properties.
	right point	fixed point	Specifies the right endpoint of the line.
	rotation	angle measurement	Rotation of this box.
	runaround	item runaround/none runaround/auto runaround/ manual runaround	Specifies control of the way text flows with respect to this box.
	selected	boolean	If TRUE, then this box is selected.
	shade	percent	Shade of the box.
	style	solid line/dashed line/densely dashed line/sparsely dashed line/dotted line/double line/thin thick line/thick thin line/ thin thick thin line/thick thin thick line/thin thin thin line	Specifies the line style.
	suppress printing	boolean	If TRUE, then this box is suppressed on printout.
	width	thick units	Specifies the line thickness.

master document Events and Examples

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	<code>clone(textbox[10],before(textbox[1]))</code>	duplicate text box 10 to before text box 1
count	<code>count(word,textbox["Gene"])</code>	count of each word in text box "Gene"
create	<code>create(textbox,0,0,beginningof(page[2]))</code>	make text box at beginning of spread 2
data size	<code>datasize(textbox["Gene"].textinset,inttype)</code>	data size of text inset of textbox "Gene" as integer
delete	<code>delete(textbox["Ralph"])</code>	delete text box "Ralph"
get	<code>get(textbox[first].firstbaselineoffset)</code>	get first base line offset of first text box
get as	<code>getas(textbox[1].nexttextbox,stringtype)</code>	get next text box of text box 1 as string
move	<code>move(textbox[last],before(textbox[first]))</code>	move last text box to before first text box
set	<code>set(textbox[1].skew,25)</code>	set skew of text box 1 to 25
show	<code>show(textbox["Rob"])</code>	show text box "Rob"

master document Elements and Reference Forms

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
color spec					
generic box					
h and j spec					
image					
line box					
page					
picture box					
spread					
story					
style spec					
text box					

master document Properties, Data Types, and Descriptions

auto constrain	boolean	If TRUE, then automatically constrain limits of items within boxes.
auto kern	boolean	TRUE if auto kerning should apply.
auto leading	percent	Specifies the value to use for auto leading.
auto page insertion location	small integer	Automatic page insertion location.
auto picture import	auto import off/auto import on/auto import on verify	Automatically updates modified pictures since last opened. Selection dependent.
automatic text box	boolean	If TRUE, create an automatic text box for each new page.
automatic trap amount	trap units	Specifies auto trap amount.
auxiliary dictionary path	alias	The path of the auxiliary dictionary file of this document.
baseline grid increment	vertical measurement	Specifies the baseline grid interval.
baseline grid showing	boolean	If TRUE, baseline grid is showing.
baseline grid start	vertical measurement	Specifies baseline grid start.
best type	type class	The best descriptor type.
bottom margin	vertical measurement	The location of the bottom margin of a page in this document.
ciceros per centimeter	fixed	Specifies number of ciceros per centimeter.
class	type class	The class.
column count	integer	Number of columns in this document.
current box	reference	Currently selected box.
current page	page	Current page displayed to user.
current spread	spread	Current spread displayed to user.
default spread count	integer	Default Spread Count.
default tool mode	drag mode/contents mode/rotate mode/view mode/ rect mode/rounded rect mode/oval mode/poly mode/ rounded rect pic mode/oval pic mode/poly pic mode/ line mode	Default tool mode.
default type	type class	The default descriptor type.
enhanced hyphenation method	boolean	If TRUE, enhanced hyphenation mode is active.
facing pages	boolean	If TRUE, creates double-sided pages.
file path	alias	File path of this document.
flex space width	percent	Specifies value for custom width space.
flow version	fixed	Document flow version.
font list	a list of font record	List of fonts used in this document.

master document Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	fractional character widths	boolean	If TRUE, print characters using fractional widths (default). If FALSE, print character widths using integral widths.
	frame inside	boolean	If TRUE, then places frames inside text or picture boxes.
	greek below	font units	Specifies text size below which to display text as gray lines.
	greek pictures	boolean	If TRUE, then displays pictures as grayed images.
	guides in front	boolean	If TRUE, then places guides in front of all boxes.
	guides showing	boolean	If TRUE, then guides are showing.
	gutter width	horizontal measurement	The width of the default text box s gutter in this document.
	horizontal measure	inches/inches decimal/picas/points/millimeters/ ciceros	Horizontal measurement units.
	ignore white	boolean	If TRUE, then specifies that an object color in front of multiple backgrounds that include white not take white into account when trapping.
	indeterminate trap amount	trap units	Specifies value for trapping to indeterminate background color.
	index	integer	Index of object.
	inside margin	horizontal measurement	The location of the inside margin of a page in this document (with facing pages TRUE) .
	invisibles showing	boolean	If TRUE, then invisible characters are showing.
	item spread coords	boolean	If TRUE, then displays items in spread coordinates.
	keep master page items	boolean	If TRUE, then specifies whether modified master items are kept or removed when they are modified on the master.
	kern above	font units	Size of text above which auto kerning should apply.
	left margin	horizontal measurement	The location of the left margin of a page in this document.
	ligatures on	boolean	If TRUE, combine certain characters into a single character (ligatures) .
	lock guides	boolean	If TRUE, then lock guides.
	low quality blends	boolean	If TRUE then display banded blends (faster) .
	maintain leading	boolean	If TRUE then specifies that the baseline of a line that falls immediately below an obstruction is placed according to its applied leading value.
	maximum ligature track	fixed	The maximum amount that ligatures can be tracked or kerned apart before they break into separate characters.
	maximum view scale	percent	Specifies the largest document view using the zoom tool.
	minimum view scale	percent	Specifies the smallest document view using the zoom tool.

modified

boolean

Has the document been modified

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(textstylerange[1],after(textstylerange[2]))	duplicate text style range 1 to after text style range 2
count	count(paragraph,textstylerange[1])	count of each paragraph in text style range 1
create	create(textstylerange,0,0,endif(it))	make text style range at end
data size	datasize(textstylerange[1].font,inttype)	data size of font of text style range 1 as integer
delete	delete(textstylerange[1])	delete text style range 1
get	get(textstylerange[all].leading)	get leading of text style range all
get as	getas(textstylerange[2].descent,inttype)	get descent of text style range 1 as integer
move	move(textstylerange[1],after(textstylerange[3]))	move text style range 1 to after text style range 3
save	save(textstylerange[1],"TEXT")	save text style range 1 as "TEXT"
set	set(textstylerange[1].justification,center)	set justification of text style range 1 to center
show	show(textstylerange[1])	show text style range 1

since the last save?

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
master document	Properties,	Data Types,	and	Descriptions	

name

string

Name of this document.

Apple Events Scripting with QuarkXPress

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	object reference	reference	An object reference for this object.
	outside margin	horizontal measurement	The location of the outside margin of a page in this document (with facing pages TRUE) .
	overprint limit	fixed	Specifies the value for shade of color below which it will not overprint.
	page height	vertical measurement	The height of a page in this document.
	page width	horizontal measurement	The width of a page in this document.
	points per inch	fixed	Specifies number of points per inch.
	process trap	boolean	If TRUE, process trapping is on.
	properties	record	Property that allows setting of a list of properties.
	right margin	horizontal measurement	The location of the right margin of a page in this document.
	rulers showing	boolean	If TRUE, then rulers are showing.
	small caps horizontal scale	percent	Value of horizontal scale for small cap characters.
	small caps vertical scale	percent	Value of vertical scale for small cap characters.
	snap distance	points	Specifies distance within which items snap to guides.
	spread height	vertical measurement	The height of a spread (including pasteboard) in this document.
	spread rule origin	fixed point	Location of the spread s ruler origin.
	spread width	horizontal measurement	The width of a spread (including pasteboard) in this document.
	subscript horizontal scale	percent	Value of horizontal scale for subscript characters.
	subscript offset	percent	Value of offset for subscript characters.
	subscript vertical scale	percent	Value of vertical scale for subscript characters.
	superscript horizontal scale	percent	Value of horizontal scale for superscript characters.
	superscript offset	fixed	Value of offset for superscript characters.
	superscript vertical scale	percent	Value of vertical scale for superscript characters.
	tool mode	drag mode/contents mode/rotate mode/view mode/ rect mode/rounded rect mode/oval mode/poly mode/ rounded rect pic mode/oval pic mode/poly pic mode/ line mode	The tool that is currently selected.
	top margin	vertical measurement	The location of the top margin of a page in this document.

master document Properties, Data Types, and Descriptions

EVENTS	USERTALK EXAMPLE	APPLESCRIPT EXAMPLE
clone	clone(verticalguide[1],after(verticalguide[5]))	duplicate vertical guide 1 to after vertical guide 5
create	create(verticalguide,0,0,beginningof(it))	make vertical guide at beginning
data size	datasize(verticalguide[1].scale,inttype)	datasize of scale of vertical guide 1 as integer
delete	delete(verticalguide[1])	delete vertical guide 1
get	get(verticalguide[4].undeletable)	get undeletable of vertical guide 4
get as	getas(verticalguide[3].position,inttype)	get position of vertical guide 3 as integer
move	move(verticalguide[1],after(verticalguide[3]))	move vertical guide 1 to after vertical guide 3
set	set(verticalguide[1].position,"6 cm")	set position of vertical guide 1 to "6 cm"

trap absolute

boolean

If TRUE, then absolute method

ELEMENT CLASS	BY NUMERIC INDEX	BY NAME	BY RANGE	SATISFYING A TEST	BEFORE/AFTER ANOTHER ELEMENT
				applies (default). If FALSE, then proportional method applies.	
typesetting leading mode	boolean			If TRUE, specifies value of leading upward from the baseline of one line of text to the baseline of the line above it. If FALSE, specifies Word Processing mode which measures leading downward from the top of the ascent on the line below it.	
vertical measure	inches/inches decimal/picas/points/millimeters/ciceros			Vertical measurement units.	
view scale	fit page in window/fit spread in window/thumbnails, or percent			The current view scale of this document. The current view scale of this document.	
view scale increment	percent			Specifies the percent of change in view for each mouse click using the zoom tool.	

page Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	page Elements and	Reference Forms	

page Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	best type	type class	The best descriptor type.
	bottom margin	vertical measurement	The location of the bottom margin of this page.
	bounds	measurements rectangle	The boundary rectangle of this page.
	class	type class	The class.
	column count	small integer	Number of columns in this page.
	default type	type class	The default descriptor type.
	gutter width	horizontal measurement	The width of the gutter in this page.
	left margin	horizontal measurement	The location of the left margin of this page.
	master spread	spread	Specifies the master spread applied to this page.
	object reference	reference	An object reference for this object.
	page number	small integer	Page number of the page.
	properties	record	Property that allows setting of a list of properties.
	right margin	horizontal measurement	The location of the right margin of this page.
	top margin	vertical measurement	The location of the top margin of this page.

picture box Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
picture box	Elements and Reference Forms		

image

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION

picture box Properties, Data Types, and Descriptions

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	anchored	boolean	If TRUE, then the box is anchored in text.
	background trap	default/overprint/knockout/spread auto amount/ choke auto amount, or fixed	Specifies amount to trap background.
	best type	type class	The best descriptor type.
	bounds	measurements rectangle	Bounds of the box.
	box shape	rectangular/rounded corner/ovular/polygonal	Specifies the shape of a box.
	box type	line box/picture box/text box/xtension box	Type of this box.
	class	type class	The class.
	color	color spec	Color of the box.
	corner radius	horizontal measurement	Specifies the radius of the circles that form the corners of the picture box.
	corner type	convex corner/straight corner/concave corner	Specifies type of corner.
	default type	type class	The default descriptor type.
	flipped left to right	boolean	If TRUE, the contents of the box are displayed flipped left to right.
	flipped top to bottom	boolean	If TRUE, the contents of the box are displayed flipped top to bottom.
	frame	frame record	Frame properties of this box.
	index	integer	Index of this box on its containing spread.
	name	string	Name of the box.
	object reference	reference	An object reference for this object.
	polygon points	polygon points list	A list of the vertices of the polygon if picture box type is a polygon.
	properties	record	Property that allows setting of a list of properties.
	rotation	angle measurement	Rotation of this box.
	runaround	item runaround/none runaround/auto runaround/ manual runaround	Specifies control of the way text flows with respect to this box.
	runaround polygon	polygon points list	List of polygon vertices if the picture has a manual runaround.
	selected	boolean	If TRUE, then this box is selected.
	shade	percent	Shade of the box.
	skew	angle measurement	Specifies angle that box is skewed.
	suppress printing	boolean	If TRUE, then this box is suppressed on printout.
	text outset	outset units	Specifies the space between text and the outer edges of a picture box.

spread Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
spread	Elements and Reference Forms		

style spec Events and Examples

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
	style spec Elements	and Reference Forms	

none

[R/O]	PROPERTY NAME	TYPE	DESCRIPTION
style spec	Properties,	Data Types,	and Descriptions