

**PGS.MD2**

Copyright © 1996 SoftLogik Publishing Corporation

<b>COLLABORATORS</b>
----------------------

	<i>TITLE :</i> PGS.MD2		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		March 28, 2025	

<b>REVISION HISTORY</b>
-------------------------

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>PGS.MD2</b>	<b>1</b>
1.1	editbox . . . . .	1
1.2	editcolumn . . . . .	2
1.3	editcompound . . . . .	2
1.4	editdrawing . . . . .	3
1.5	editellipse . . . . .	4
1.6	editeps . . . . .	5
1.7	editgrid . . . . .	6
1.8	editgroup . . . . .	7
1.9	editline . . . . .	7
1.10	editobject . . . . .	8
1.11	editpalette . . . . .	9
1.12	editpath . . . . .	9
1.13	editpicture . . . . .	10
1.14	editpoint . . . . .	11
1.15	editpolygon . . . . .	11
1.16	edittext . . . . .	12
1.17	edittextobj . . . . .	13
1.18	endcommandcapture . . . . .	14
1.19	endstyletag . . . . .	15
1.20	execute . . . . .	15
1.21	exportgraphic . . . . .	15
1.22	exporttext . . . . .	16
1.23	filled . . . . .	17
1.24	findtext . . . . .	17
1.25	freearexxlist . . . . .	18
1.26	freearexxrequester . . . . .	18
1.27	generatemask . . . . .	18
1.28	getarexxgadget . . . . .	19
1.29	getarticle . . . . .	19

---

1.30	getarticledesc . . . . .	20
1.31	getarticleids . . . . .	21
1.32	getarticlename . . . . .	21
1.33	getarticleoverset . . . . .	22
1.34	getarticlewordcount . . . . .	22
1.35	getbox . . . . .	23
1.36	getbusyrequester . . . . .	24
1.37	getchapterdesc . . . . .	24
1.38	getchapternumber . . . . .	25
1.39	getchapternumbering . . . . .	25
1.40	getchapters . . . . .	26
1.41	getchoice . . . . .	26
1.42	getcolumn . . . . .	27
1.43	getcolumnguides . . . . .	28
1.44	getcompound . . . . .	28
1.45	getcoord . . . . .	29
1.46	getcursor . . . . .	30
1.47	getcursorcount . . . . .	31
1.48	getdimensions . . . . .	32
1.49	getdisplay . . . . .	32
1.50	getdocumentdesc . . . . .	33
1.51	getdocuments . . . . .	33
1.52	getdocumentstatus . . . . .	33
1.53	getdrawing . . . . .	34
1.54	getdrawingdisplay . . . . .	35
1.55	getellipse . . . . .	35

# Chapter 1

## PGS.MD2

### 1.1 editbox

EDITBOX

Sets the coordinates of a selected box.

```
editbox [POSITION left top right bottom] [type]
[CORNER radius | ECORNER radiusx radiusy]
[ROTATE angle | SKEW slantangle twistangle |
SLANT angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the box.
type/k	The corner type. Options: NORMAL ROUND SCALLOP BEVEL INSET.
CORNER/d	The corner radius.
ECORNER/d	The elliptical corner radius.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editbox position 1.75 1.5 2.75 2.5
```

---

```
editbox position 3 3 6 6 page 'project.doc~8'
```

```
editbox position 6 7 8 9 ecorner 0.1 0.2 skew 0 45
```

## 1.2 editcolumn

EDITCOLUMN

Sets the coordinates of a selected text column frame.

```
editcolumn [POSITION left top right bottom]
[GUTTER space] [ROTATE angle | SKEW slantangle
twistangle | SLANT angle | TWIST angle] [ABOUT pointx
pointy | ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the text column frame.
COLUMNS/i	The number of columns in a text frame.
GUTTER/d	The space between columns.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editcolumn position 1 1 7.5 10 columns 2 gutter 0.25
```

```
editcolumn position 1 1 5 6 rotate 45 page 'MyDoc~8'
```

## 1.3 editcompound

EDITCOMPOUND

Sets the bounding box coordinates of a selected compound object.

```
editcompound [POSITION left top right bottom]
[ROTATE angle | SKEW slantangle twistangle | SLANT
```

```
angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

```
POSITION/d    The coordinates of the frame.
ROTATE/d      The rotation angle.
SKEW/d        The slant and twist angle.
SLANT/d       The slant angle.
TWIST/d       The twist angle.
ABOUT/d      The rotation point.
ABOUTCENTER  Rotates around its center.
constraint/k  The aspect ratio constraint toggle.
               Options: CONSTRAIN|FREE (default).
printable/k   The print object toggle. Options:
               PRINT (default)|NOPRINT.
DOCUMENT/s    The document name.
WINDOW/s      The window name.
OBJECTID/i    The number of the object to edit.
```

Notes:

All options default to the current values if not specified.

Examples:

```
editcompound position 1 1 5 6 rotate 5 page 'MyDoc~8'
```

## 1.4 editdrawing

EDITDRAWING

Sets the coordinates of a selected drawing.

```
editdrawing [POSITION left top right bottom
[SCALECONTENT]] [CONTENTOFFSET offsetx offsety]
[CONTENTSCALE scalex scaley] [ROTATE angle |
SKEW slantangle twistangle | SLANT angle |
TWIST angle] [ABOUT pointx pointy | ABOUTCENTER]
[constraint] [printable] [frame] [stored]
[FILE filepath] [DOCUMENT name |
WINDOW name | OBJECTID number]
```

```
POSITION/d    The coordinates of the frame.
SCALECONTENT/k Scales the contents with the frame.
CONTENTOFFSET/d The offset in the frame.
CONTENTSCALE/d The scale of the object in the frame.
ROTATE/d      The rotation angle.
SKEW/d        The slant and twist angle.
SLANT/d       The slant angle.
TWIST/d       The twist angle.
ABOUT/d      The rotation point.
ABOUTCENTER  Rotates around its center.
constraint/k  The aspect ratio constraint toggle.
               Options: CONSTRAIN|FREE (default).
printable/k   The print object toggle. Options:
```

---



	PRINT (default) NOPRINT.
frame/k	Specifies whether the object is framed. Options: FRAMED FRAMELESS.
stored/k	Specifies if the object is internal. Options: INTERNAL EXTERNAL.
FILE/s	The filepath and name of the drawing.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

#### Notes:

All options default to the current values if not specified.

#### Examples:

```
editdrawing position 1 1 5 6 rotate 45 page \ensuremath{\backslash not}
internal 'MyDoc~8'
```

```
editdrawing external file \ensuremath{\backslash not}
'Graphics:drawings/house.dr2d'
```

```
editdrawing external file \ensuremath{\backslash not}
'Macintosh HD:Graphics:House'
```

## 1.5 editellipse

### EDITELLIPSE

Sets the coordinates of a selected ellipse.

```
editellipse [POSITION centerx centery radiusx
radiusy] [ANGLES startangle endangle] [ROTATE angle |
SKEW slantangle twistangle | SLANT angle | TWIST
angle] [ABOUT pointx pointy | ABOUTCENTER]
[constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the object.
type/k	The ellipse type. Options: PIE ARC ELLIPSE.
ANGLES/d	The starting and ending angles.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.

---

OBJECTID/i    The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editellipse position 3 3 1.5 1.5
```

```
editellipse position 3 3 1.5 1.5 page 'MyDoc~6' free
```

```
editellipse pie angles 45 90 print
```

## 1.6 editeps

EDITEPS

Sets the coordinates and options of an EPS illustration.

```
editeps [POSITION left top right bottom
[SCALECONTENT]] [CONTENTOFFSET offsetx offsety]
[CONTENTSCALE scalex scaley] [ROTATE angle |
SKEW slantangle twistangle | SLANT angle |
TWIST angle] [ABOUT pointx pointy | ABOUTCENTER]
[constraint] [printable] [frame] [stored]
[FILE filepath] [DOCUMENT name | WINDOW name |
OBJECTID number]
```

POSITION/d	The coordinates of the frame.
SCALECONTENT/k	Scales the contents with the frame.
CONTENTOFFSET/d	The offset in the frame.
CONTENTSCALE/d	The scale of the object in the frame.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
frame/k	Specifies whether the object is framed. Options: FRAMED FRAMELESS.
stored/k	Specifies if the object is internal. Options: INTERNAL EXTERNAL.
FILE/s	The filepath and name of the object.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

Notes:

---

All options default to the current values if not specified.

Examples:

```
editeps position 1.75 1.5 2.75 2.5
```

```
editeps offset -2 -2 contentscale 80 constrain
```

## 1.7 editgrid

EDITGRID

Sets the coordinates of a selected grid object.

```
editgrid [POSITION pointx1 pointy1 pointx2 pointy2 |
POINTS pointx1 pointy1 pointx2 pointy2 pointx3
pointy3 pointx4 pointy4> [DIVISIONS horz vert]
[ROTATE angle | SKEW slantangle twistangle | SLANT
angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of a rectangular grid.
POINTS/d	The coordinates of the vertices of a non-rectangular grid. (Numbered counterclockwise)
DIVISIONS/i	The number of grid cells in each direction.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editgrid position 2 2 6 6 divisions 5 10 noprint
```

```
editgrid position 2 2 6 6 divisions 5 10 constrain
```

```
editgrid points 1 1 1 3 5 6 2 3 page 'MyDoc~6'
```

## 1.8 editgroup

### EDITGROUP

Sets the coordinates of a selected group.

```
editgroup [POSITION left top right bottom]
[ROTATE angle | SKEW slantangle twistangle |
SLANT angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the object.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editgroup position 1.75 1.5 2.75 2.5 constrain
```

```
editgroup position 2 2.5 3.125 5.625 page 'MyDoc~6'
```

## 1.9 editline

### EDITLINE

Sets the coordinates of a selected line.

```
editline [POSITION left top right bottom]
[ROTATE angle | SKEW slantangle twistangle |
SLANT angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the object.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.

---

ABOUT/d        The rotation point.  
 ABOUTCENTER   Rotates around its center.  
 constraint/k   The aspect ratio constraint toggle.  
                  Options: CONSTRAIN|FREE (default).  
 printable/k    The print object toggle. Options:  
                  PRINT (default)|NOPRINT.  
 DOCUMENT/s    The document name.  
 WINDOW/s       The window name.  
 OBJECTID/i     The number of the object to edit.

#### Notes:

All options default to the current values if not specified.

#### Examples:

```
editline position 1 1 5 5
```

```
editline position 2 1.25 8 10 page 'MyDoc~6' noprint
```

## 1.10 editobject

### EDITOBJECT

Sets the edit options for any object(s). This command allows you to edit different types of objects without changing their coordinates.

```

editobject [ROTATE angle | SKEW slantangle
twistangle | SLANT angle | TWIST angle] [ABOUT pointx
pointy | ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]

```

ROTATE/d        The rotation angle.  
 SKEW/d         The slant and twist angle.  
 SLANT/d        The slant angle.  
 TWIST/d        The twist angle.  
 ABOUT/d        The rotation point.  
 ABOUTCENTER   Rotates around its center.  
 constraint/k   The aspect ratio constraint toggle.  
                  Options: CONSTRAIN|FREE (default).  
 printable/k    The print object toggle. Options:  
                  PRINT (default)|NOPRINT.  
 DOCUMENT/s    The document name.  
 WINDOW/s       The window name.  
 OBJECTID/i     The number of the object to edit.

#### Notes:

All options default to the current values if not specified.

#### Examples:

```
editobject rotate 45 about 1 2.25 page 'MyDoc~6'
editobject noprint
```

## 1.11 editpalette

EDITPALETTE

Displays the Edit palette.

```
editpalette [status] [AT pointx pointy] [SAVE]
```

status/k The palette's display status. Options:  
SHOW|HIDE|TOGGLE.  
AT/i The palette position in pixels.  
SAVE Saves the palette settings to the  
PageStream3 Preferences file.

Notes:

TOGGLE may not be used in conjunction with SAVE.

Examples:

```
editpalette toggle
```

```
editpalette show at 0 350 save
```

```
editpalette hide
```

## 1.12 editpath

EDITPATH

Sets the bounding box coordinates of a selected path.

```
editpath [POSITION left top right bottom]
[ROTATE angle | SKEW slantangle twistangle |
SLANT angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d The coordinates of the object.  
ROTATE/d The rotation angle.  
SKEW/d The slant and twist angle.  
SLANT/d The slant angle.  
TWIST/d The twist angle.  
ABOUT/d The rotation point.  
ABOUTCENTER Rotates around its center.  
constraint/k The aspect ratio constraint toggle.  
Options: CONSTRAIN|FREE (default).  
printable/k The print object toggle. Options:

```

                PRINT (default)|NOPRINT.
DOCUMENT/s     The document name.
WINDOW/s       The window name.
OBJECTID/i     The number of the object to edit.

```

#### Notes:

All options default to the current values if not specified.

#### Examples:

```
editpath position 1.75 1.5 2.75 2.5
```

```
editpath position 3 3 6 6 constrain
```

```
editpath position 2 2.5 3.125 5.625 page 'MyDoc~6'
```

## 1.13 editpicture

### EDITPICTURE

Sets the coordinates and options of a picture frame.

```

editpicture [POSITION left top right bottom
[SCALECONTENT]] [CONTENTOFFSET offsetx offsety]
[CONTENTSCALE scalex scaley] [ROTATE angle |
SKEW slantangle twistangle | SLANT angle |
TWIST angle] [ABOUT pointx pointy | ABOUTCENTER]
[constraint] [printable] [DPI xdpi ydpi] [frame]
[stored] [FILE filepath]
[DOCUMENT name/S | WINDOW name/S | OBJECTID number/I]

```

```

POSITION/d      The coordinates of the object.
SCALECONTENT/k  Scales the contents with the frame.
CONTENTOFFSET/d The offset in the frame.
CONTENTSCALE/d  The scale of the object in the frame.
ROTATE/d        The rotation angle.
SKEW/d          The slant and twist angle.
SLANT/d         The slant angle.
TWIST/d         The twist angle.
ABOUT/d        The rotation point.
ABOUTCENTER     Rotates around its center.
constraint/k     The aspect ratio constraint toggle.
                  Options: CONSTRAIN|FREE (default).
printable/k      The print object toggle. Options:
                  PRINT (default)|NOPRINT.
frame/k          Specifies whether the object is
                  framed. Options: FRAMED|FRAMELESS.
stored/k         Specifies if the object is internal.
                  Options: EXTERNAL|INTERNAL (default).
FILE/s           The filepath and name of the image.
DPI/i            The resolution of the picture.
                  Default=actual.
DOCUMENT/s       The document name.
WINDOW/s         The window name.

```

OBJECTID/i            The number of the object to edit.

Notes:

All options default to the current values if not specified.

Examples:

```
editpicture internal
```

```
editpicture contentoffset -0.5 -9.25 \ensuremath{\lnot}
  contentscale 225 200
```

## 1.14 editpoint

EDITPOINT

Edits the coordinates of a path point.

```
editpoint [ANCHOR x y] [CONTROLBEFORE x y]
[CONTROLAFTER x y] [join] [POINTINDEX point]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

ANCHOR/d	The new coordinates of the point.
CONTROLBEFORE/d	The new coordinates of the previous curve handle.
CONTROLAFTER/d	The new coordinates of the next curve handle.
POINTINDEX/i	The number of the point to edit. Default=selected point.
join/k	Specifies the join type: cornerjoin (default) smoothjoin.
DOCUMENT/s	The document name. Default=current.
WINDOW/s	The window name. Default=current.
OBJECTID/i	The number of the object to manipulate.

Notes:

Pointindex identification numbers are numbered from 0 starting with the first moveto in a path.

Examples:

```
editpoint anchor 1.15 3.43 controlbefore 0.75 1.792
```

```
editpoint cornerjoin pointindex 5
```

## 1.15 editpolygon



## EDITPOLYGON

Sets the coordinates of a selected regular polygon.

```
editpolygon [POSITION centerx centery radiusx
radiusy] [type] [SIDES number] [OFFSETANGLE angle]
[DEFLECTION amount] [ANGLEDEFLECTION amount]
[ROTATE angle | SKEW slantangle twistangle | SLANT
angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d	The coordinates of the object.
type/k	The polygon type. Options: NORMAL STAR PUFFY SCALLOP WAVY.
SIDES/i	The number of sides. Must be >2.
OFFSETANGLE/d	The pre-rotation angle.
DEFLECTION/d	The spike depth.
ANGLEDEFLECTION/d	The spike angle.
ROTATE/d	The rotation angle.
SKEW/d	The slant and twist angle.
SLANT/d	The slant angle.
TWIST/d	The twist angle.
ABOUT/d	The rotation point.
ABOUTCENTER	Rotates around its center.
constraint/k	The aspect ratio constraint toggle. Options: CONSTRAIN FREE (default).
printable/k	The print object toggle. Options: PRINT (default) NOPRINT.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
OBJECTID/i	The number of the object to edit.
Notes:	

All options default to the current values if not specified.

Examples:

```
editpolygon sides 11 wavy
```

```
editpolygon offsetangle 0 deflection 40% \ensuremath{\lnot}
angledeflection 50%
```

## 1.16 edittext

### EDITTEXT

Deletes the character or word to the left or right of the cursor.

```
edittext <deletewhat> [DOCUMENT name | WINDOW name]
```

deletewhat/k Specifies the text to delete. Options:  
 BACKSPACE|DELETE|DELETEWORDLEFT|  
 DELETEWORDRIGHT.  
 DOCUMENT/s The document name.  
 WINDOW/s The window name.

Examples:

edittext delete

edittext backspace

## 1.17 edittextobj

EDITTEXTOBJ

Sets the coordinates of a selected frameless text object.

```
edittextobj [POSITION left top right bottom]
[ROTATE angle | SKEW slantangle twistangle |
SLANT angle | TWIST angle] [ABOUT pointx pointy |
ABOUTCENTER] [constraint] [printable]
[TEXTFX <type> [DISTORTX toggle] [BENDLINES toggle]
[SCALETOFIT toggle] <TEXTFXPATH [placement]
<[MOVETO pointx pointy] | [LINETO pointx pointy]
| [CURVETO curvex1 curvey1 curvex2 curvey2 pointx
pointy] | [CLOSEPATH]>>>]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/d The coordinates of the text block.  
 ROTATE/d The rotation angle.  
 SKEW/d The slant and twist angle.  
 SLANT/d The slant angle.  
 TWIST/d The twist angle.  
 ABOUT/d The rotation point.  
 ABOUTCENTER Rotates around its center.  
 constraint/k The aspect ratio constraint toggle.  
 Options: CONSTRAIN|FREE (default).  
 printable/k The print object toggle. Options:  
 PRINT (default)|NOPRINT.  
 TEXTFX Sets a TextFX shape or curve.  
 type/k Specifies the type of TextFX. Options:  
 NONE|WARP|BETWEEN|ALONG.  
 DISTORTX/k When warping in a shape, TRUE specifies  
 horizontal distortion instead of  
 vertical distortion. When warping  
 between paths, TRUE specifies horizontal  
 distortion in addition to vertical  
 distortion.  
 BENDLINES/k Curves are converted to lines during  
 warping. When set to TRUE, specifies  
 that lines are converted back to curves  
 for higher quality but slower speed.  
 SCALETOFIT/k Specifies that text should be scaled to

fit the curve, rather than being spaced to fit.

toggle/k Toggles a feature. Options: TRUE|FALSE.

TEXTFXPATH Specifies a closed shape in which text is warped, two open subpaths between which text is warped or the open path on which text is set.

placement/k Specifies the placement of text on a curved path. Options: ABOVEPATH|ONPATH|BELOWPATH.

MOVETO/d Starts the warp shape or curve path.

LINETO/d Adds a TextFX path line to the point.

CURVETO/d Adds a TextFX path bezier curve to the point.

CLOSEPATH Closes the TextFX path.

DOCUMENT/s The document name.

WINDOW/s The window name.

OBJECTID/i The number of the object to edit.

Notes:

All options default to the current values if not specified.

TEXTFX and its related parameters require the TextFX 2 extension, which is sold separately.

Examples: edittextobj position 1 1 7.5 10

edittextobj position 1 1 5 6 rotate 45 page 'MyDoc~8'

edittextobj textfx between textfxpath moveto 0 0.25 \ensuremath{\lnot}  
 curveto 1 0 5 0 5.5 1 moveto 2 3 \ensuremath{\lnot}  
 curveto 3 2 5 2 6 2

## 1.18 endcommandcapture

ENDCOMMANDCAPTURE

End buffering text commands. This is used to avoid a separate redraw for each text attribute application.

endcommandcapture [DOCUMENT name | WINDOW name]

DOCUMENT/s The document name. Default=current.

WINDOW/s The window name. Default=current.

Examples:

endcommandcapture

endcommandcapture document 'project.doc'

## 1.19 endstyletag

ENDSTYLETAG

Ends modification of a style tag.

endstyletag [STYLETAG name]

STYLETAG/s The style tag being modified.

Examples:

```
endstyletag styletag 'Headline'
```

## 1.20 execute

EXECUTE

This executes an external Applescript.

execute [filepath] [DOCUMENT name | WINDOW name]

filepath/s The filename and path of the script.

DOCUMENT/s The document name. Default=current.

WINDOW/s The window name. Default=current.

Notes:

You can also substituted play or rx for execute.

Examples:

```
execute 'Macintosh HD:PageStream3:Scripts/Test'
```

## 1.21 exportgraphic

EXPORTGRAPHIC

This exports a graphic object.

exportgraphic [FILE filepath] [FILTER name]  
[progress] [mode] [DOCUMENT name | WINDOW name |  
OBJECTID number]

FILE/s The filename and path of the file to export.

FILTER/k The filter to use. Options: PICT|TIFF|IFFILBM|GIF|BMP|IFFDR2D|IFFILUS|JPEG.

progress/k Toggle to display a progress meter. Options: STATUS|NOSTATUS (default).

mode/k The user prompt mode. Options: FORCE|ALERT|QUIET (default). Force overwrites

without asking for confirmation, alert opens an alert box for confirmation, and quiet overwrites without confirmation but returns an error if a file is overwritten.

DOCUMENT/s The document name. Default=current.

WINDOW/s The window name. Default=current.

OBJECTID/i The number of the object to edit.  
Default=current.

#### Notes:

If the FILE parameter is not specified, a file selector will open.

If the FILTER parameter is not specified, the Place Graphic dialog box will open.

Examples:

```
exportgraphic file Ram:Snapshot filter iffilbm status
```

## 1.22 exporttext

### EXPORTTEXT

This exports the selected text.

```
exporttext [FILE filepath] [FILTER name]
<charset> [progress] [mode] [CONVERTQUOTE toggle]
[CONVERTDASH toggle] [LINEHASLF toggle]
[RETAINFORMAT toggle] [TEXTCODE code] [DOCUMENT name]
```

FILE/s	The filename and path of the file to export.
FILTER/k	The filter to use. Options: ASCII IFFFTXT IFFCTXT WORDWORTH.
charset/k	The character set to use. Options: AMIGA WINDOWS MSDOS MACINTOSH. ASCII only.
progress/k	Toggle to display a progress meter. Options: STATUS NOSTATUS (default).
mode/k	The user prompt mode. Options: FORCE ALERT QUIET (default). Force overwrites without asking for confirmation, alert opens an alert box for confirmation, and quiet overwrites without confirmation but returns an error if a file is overwritten.
toggle/k	Toggles a feature. Options: TRUE FALSE.
CONVERTQUOTE	Converts typewriter quotation marks to typographic quotation marks. Not applicable to iffctxt. Default=true.
CONVERTDASH	Converts double dashes to en dashes and triple dashes to em dashes. Not applicable to iffctxt. Default=true.
LINEHASLF	Assumes that each line ends with a line

---

```

        feed rather than each paragraph.
        Applicable to ascii|iffftxt only.
        Default=false.
RETAINFORMAT Exports the attributes as well as the
               text. Not applicable to ascii.
               Default=true.
TEXTCODE/k    The text code engine to use. Options:
               PAGESTREAM|PAGEMAKER|XPRESS|PROPAGE|NONE
               (default).
DOCUMENT/s    The document name. Default=current.

```

#### Notes:

If the FILE parameter is not specified, a file selector will open.

If the FILTER paragraph is not specified, the Place Graphic dialog box will open.

#### Examples:

```
exporttext file ram:MyText.FTXT filter iffthtxt status
```

## 1.23 filled

### FILLED

Toggles the fill for an object or text, or for a style tag. If object or text is chosen and nothing is selected, it toggles the fill for future objects or text, as applicable.

```
filled <status>
[DOCUMENT name | WINDOW name | OBJECTID number]
```

```

status/k      The fill status. Options: ON|OFF|TOGGLE.
DOCUMENT/s    The document name.
WINDOW/s      The window name.
OBJECTID/i    The number of the object to edit.

```

#### Notes:

All options default to the current values if not specified.

#### Examples:

```
filled on
```

```
filled toggle document 'project.doc'
```

## 1.24 findtext

---

## FINDTEXT

Searches for a text string.

findtext

Not implemented yet.

## 1.25 freearexxlist

### FREEAREXXLIST

Unallocates an allocated list. You should always do this when you are finished with a list or when the script is exiting, to prevent loss of memory.

freearexxlist <listhandle>

listhandle/i The list to unallocate.

Examples:

freearexxlist iTestList

## 1.26 freearexxrequester

### FREEAREXXREQUESTER

Unallocates an allocated dialog box. You should always do this when you are finished with a dialog box or when the script is exiting, to prevent loss of memory.

freearexxrequester <dbhandle>

dbhandle/i The dialog box to unallocate.

Examples:

freearexxrequester iTestDialog

## 1.27 generatemask

### GENERATEMASK

Generates a new mask for a picture with a white background.

generatemask

---

[DOCUMENT name | WINDOW name | OBJECTID number]

DOCUMENT/s     The document name. Default=current.  
 WINDOW/s       The window name. Default=current.  
 OBJECTID/i     The number of the object to edit.

Examples:

```
generatemask
```

```
generatemask objectid hPic15
```

## 1.28 getarexxgadget

GETAREXXGADGET

Gets the current state of a control. This is normally used after a dorequester command returns.

```
getarexxgadget <dbhandle ctlhandle attribute>
```

dbhandle/i     The dialog box to interrogate.  
 ctlhandle/i    The is the control to interrogate.  
 attribute/s    The control attribute to get. Options:  
               CHECKED    For checkbox controls. Returns  
                           0 if unchecked, 1 if checked.  
               STRING     For text and multiline  
                           controls. Returns the string  
                           contents.  
               CURRENT    For popup, cycle, slider and  
                           scrolllist controls. Returns  
                           the selected item.

Results:

The state of the control is returned to RESULT.

Notes:

You do not need to use this command for exit buttons since the selected exit button is returned to RESULT by the DOREQUESTER command.

Examples:

```
getarexxgadget iGetName sNameCtl string
                  sName=RESULT
```

```
getarexxgadget iTestDBox MyControl cycle
                  format=RESULT
```

## 1.29 getarticle



## GETARTICLE

Gets information concerning an article.

```
getarticle [FILEINFO stem] [FRAMES stem]
[ARTICLE name | DOCUMENT name | WINDOW name |
ARTICLEID number]
```

FILEINFO/a	Gets the status of the article.
FRAMES/a	Gets the number and IDs of frames in the article.
ARTICLE/s	The name of the article.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
ARTICLEID/i	The number of the article.

### Results:

FILEINFO stem	
mode/k	The storage location: internal external.
file/s	The article filepath and name.
FRAMES stem	
count/i	The number of frames in the article.
0/i	The first frame's object id.
1/i	The second frame's object id.
etc.	

### Notes:

All options default to the current values if not specified.

### Examples:

```
getarticle info
```

## 1.30 getarticledesc

## GETARTICLEDESC

Gets the description of an article.

```
getarticledesc [ARTICLE name | DOCUMENT name |
WINDOW name | ARTICLEID number]
```

ARTICLE/s	The name of the article.
DOCUMENT/s	The document name.
WINDOW/s	The window name.
ARTICLEID/i	The number of the article.

### Results:

The article description is returned to RESULT.

### Notes:

All options default to the current values if not specified.

Examples:

```
getarticledesc
```

## 1.31 getarticleids

GETARTICLEIDS

Gets the number of articles in a document or chapter and their IDs.

```
getarticles <stem>  
[DOCUMENT name | CHAPTER name | WINDOW name]
```

stem/a	Gets the article IDs.
DOCUMENT/s	The document name.
CHAPTER/s	The chapter name.
WINDOW/s	The window name.

Results:

The number of articles in the document or chapter is returned to RESULT.

```
stem  
0/i      The first article's ID.  
1/i      The second article's ID.  
etc.
```

Notes:

All options default to the current values if not specified.

Examples:

```
getarticles info
```

## 1.32 getarticlename

GETARTICLENAME

Gets the name of an article.

```
getarticlename  
[DOCUMENT name | WINDOW name | ARTICLEID number]
```

DOCUMENT/s	The document name.
WINDOW/s	The window name.

ARTICLEID/i The number of the article.

Results:

The article name is returned to RESULT.

Notes:

All options default to the current values if not specified.

Examples:

getarticlename

### 1.33 getarticleoverset

GETARTICLEOVERSET

Determines whether an article is overset or not.

getarticleoverset [ARTICLE name |  
DOCUMENT name | WINDOW name | ARTICLEID number]

ARTICLE/s The name of the article.  
DOCUMENT/s The document name.  
WINDOW/s The window name.  
ARTICLEID/i The number of the article.

Results:

TRUE is returned to RESULT if it is overset;  
otherwise, FALSE is returned.

Notes:

All options default to the current values if not specified.

Examples:

getarticleoverset

### 1.34 getarticlewordcount

GETARTICLEWORDCOUNT

Gets the number of words in an article.

getarticlewordcount [ARTICLE name |  
DOCUMENT name | WINDOW name | ARTICLEID number]

ARTICLE/s      The name of the article.  
DOCUMENT/s     The document name.  
WINDOW/s       The window name.  
ARTICLEID/i    The number of the article.

Results:

The number of words in the article is returned to RESULT.

Notes:

All options default to the current values if not specified.

Examples:

getarticlewordcount

## 1.35 getbox

GETBOX

Gets coordinates and information for a box.

getbox [POSITION stem] [CORNER stem]  
[ROTATION stem] [ABOUT stem] [CONSTRAIN string]  
[PRINT string] [DOCUMENT name | WINDOW name |  
OBJECTID number]

POSITION/a     Gets the coordinates.  
CORNER/a       Gets the corner radii.  
ROTATION/a     Gets the rotation.  
ABOUT/a       Gets the rotation point.  
CONSTRAIN/s    Gets the proportional scale flag state.  
PRINT/s        Gets the print flag state.  
DOCUMENT/s     The document name. Default=current.  
WINDOW/s       The window name. Default=current.  
OBJECTID/i     The object number. Default=current.

Results:

The object ID is returned to RESULT.

POSITION stem  
left/d           The left coordinate.  
top/d            The top coordinate.  
right/d          The right coordinate.  
bottom/d        The bottom coordinate.  
CORNER stem  
type/k           The corner type: NORMAL|ROUND|  
                  SCALLOP|BEVEL|INSET.  
cornerx/d        The horizontal corner radius.  
cornery/d        The vertical corner radius.  
ROTATION stem

```

mode/k           The rotation point: POINT|CENTER.
slant/d          The slant angle.
twist/d          The twist angle.
ABOUT stem
x/d              The point's horizontal coordinate.
y/d              The point's vertical coordinate.
CONSTRAIN string/k The constrain flag: ON|OFF.
PRINT string/k   The print flag: ON|OFF.

```

Examples:

```
getbox position coord
```

## 1.36 getbusyrequester

GETBUSYREQUESTER

Gets the Stop button state in an open busy dialog box.

```
getbusyrequester <handle>
```

```
handle/i  The handle of the dialog box.
```

Results:

0 is returned to RESULT if the Stop button has not been pressed; otherwise, 1 is returned.

Examples:

```

openbusyrequester message 'Thinking hard...'
thermometer enabled total 100 current 0
  bh=RESULT
do for i = 1 to 100
  /* script does something here */
  /* abort if stop, else set thermometer */
  getbusyrequester bh
  if result=1 then break
  else setbusyrequester bh current i
end i
closebusyrequester bh

```

## 1.37 getchapterdesc

GETCHAPTERDESC

Gets the description of a chapter.

```
getchapterdesc [DOCUMENT name | CHAPTER name]
```

```
DOCUMENT/s  The document name. Default=current.
```

```
CHAPTER/s   The chapter name. Default=current.
```

Results:

The description is returned to RESULT.

Examples:

```
getchapterdesc document 'Project.doc'
```

## 1.38 getchapternumber

GETCHAPTERNUMBER

Gets the number of a chapter.

```
getchapternumber [DOCUMENT name | CHAPTER name]
```

DOCUMENT/s The document name. Default=current.

CHAPTER/s The chapter name. Default=current.

Results:

The chapter number is returned to RESULT.

Examples:

```
getchapternumber document 'Project.doc'
```

## 1.39 getchapternumbering

GETCHAPTERNUMBERING

Gets the chapter numbering system and start number.

```
getchapternumbering <stem>
[DOCUMENT name | CHAPTER name | WINDOW name]
```

stem/a Gets the chapter information.

DOCUMENT/s The document name. Default=current.

CHAPTER/s The chapter name. Default=current.

Results:

stem

startmode/k The numbering method: AUTOMATIC|CUSTOM.

start/i The starting chapter number

format/k The number format: DEFAULT|LONG|ARABIC|  
ROMANUPPER|ROMANLOWER|ALPHAUPPER|  
ALPHALOWER.

language/s The number language:

DEFAULT Document/chapter default.

AMERICAN (English) | DEUTSCH (German) |

```
NEDERLANDS (Dutch) | SUOMI (Finnish) |  
ITALIANO (Italian) | ESPAÑOL (Italian) |  
SVENSKA (Swedish)
```

prefix/s      The prefix string.

Examples:

```
getchapternumbering info
```

## 1.40 getchapters

GETCHAPTERS

Gets the number of chapters in a document or chapter and their names.

```
getchapters <stem>  
[DOCUMENT name | CHAPTER name | WINDOW name]
```

stem/a          Gets the chapter information.  
DOCUMENT/s      The document name. Default=current.  
CHAPTER/s       The chapter name. Default=current.  
WINDOW/s        The window name. Default=current.

Results:

The number of chapters in the document or chapter is returned to RESULT.

```
stem  
0/s              The name of the first chapter.  
1/s              The name of the second chapter.  
etc.
```

Examples:

```
getchapters chapnames
```

## 1.41 getchoice

GETCHOICE

Opens a dialog box with a short message and allows the user to click on one of one, two or three buttons, to make a choice.

```
getchoice <MESSAGE message> <BUTTON1 label/S>  
[BUTTON2 label/S] [BUTTON3 label/S]
```

MESSAGE/s      The message to show the user. Max length  
                 = 44 characters.

---

BUTTON1/s The label for the positive button. Max length = 8 characters. This button will be the default button.

BUTTON2/s The label for the negative button. Max length = 8 characters. This button can be activated by pressing the Esc key.

BUTTON3/s The label for a third button. Max length = 8 characters.

Results:

Returns the number of the button pressed to RESULT.

Notes:

Precede the character to underscore as a bound keyboard equivalent in the label name. For example, "\_Huh?" would make "H" the keyboard shortcut for the "Huh?" button.

Examples:

```
'getchoice message "Click on a button." button1 "_OK"
button2 "_Cancel"'
    buttonid=RESULT
```

## 1.42 getcolumn

GETCOLUMN

Gets coordinates and information for a text column frame.

```
getcolumn [POSITION stem] [COLUMNS count]
[GUTTER space] [ROTATION stem] [ABOUT stem]
[CONSTRAIN string] [PRINT string]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/a Gets the coordinates.

COLUMNS/i Gets the number of columns in the frame.

GUTTER/d Gets the space between the columns.

CORNER/a Gets the corner radii.

ROTATION/a Gets the rotation.

ABOUT/a Gets the rotation point.

CONSTRAIN/s Gets the proportional scale flag state.

PRINT/s Gets the print flag state.

DOCUMENT/s The document name. Default=current.

WINDOW/s The window name. Default=current.

OBJECTID/i The object number. Default=current.

Results:

The object ID is returned to RESULT.

POSITION stem  
left/d The left coordinate.



top/d	The top coordinate.
right/d	The right coordinate.
bottom/d	The bottom coordinate.
COLUMNS count/s	The number of columns.
GUTTER space/d	The space between the columns.
ROTATION stem	
mode/k	The rotation point: POINT CENTER.
slant/d	The slant angle.
twist/d	The twist angle.
ABOUT stem	
x/d	The point's horizontal coordinate.
y/d	The point's vertical coordinate.
CONSTRAIN string/k	The constrain flag: ON OFF.
PRINT string/k	The print flag: ON OFF.

Examples:

```
getcolumn position coord
```

## 1.43 getcolumnguides

GETCOLUMNGUIDES

Gets the column guides for a master page.

```
getcolumnguides <stem> [MASTERPAGE name]
```

stem/a	Gets the guide information.
MASTERPAGE/s	The master page name. Default=current.

Results:

stem	
count/i	The number of columns.
gutter/d	The space between the columns.

Examples:

```
getcolumnguides info
```

## 1.44 getcompound

GETCOMPOUND

Gets coordinates and information for a compound object.

```
getcompound [POSITION stem] [ROTATION stem]
[ABOUT stem] [CONSTRAIN string] [PRINT string]
[DOCUMENT name | WINDOW name | OBJECTID number]
```

POSITION/a	Gets the coordinates.
ROTATION/a	Gets the rotation.

ABOUT/a	Gets the rotation point.
CONSTRAIN/s	Gets the proportional scale flag state.
PRINT/s	Gets the print flag state.
DOCUMENT/s	The document name. Default=current.
WINDOW/s	The window name. Default=current.
OBJECTID/i	The object number. Default=current.

Results:

The object ID is returned to RESULT.

POSITION stem	
left/d	The left coordinate.
top/d	The top coordinate.
right/d	The right coordinate.
bottom/d	The bottom coordinate.
ROTATION stem	
mode/k	The rotation point: POINT CENTER.
slant/d	The slant angle.
twist/d	The twist angle.
ABOUT stem	
x/d	The point's horizontal coordinate.
y/d	The point's vertical coordinate.
CONSTRAIN string/k	The constrain flag: ON OFF.
PRINT string/k	The print flag: ON OFF.

Examples:

```
getcompound position coord
```

## 1.45 getcoord

GETCOORD

Opens a small dialog box to instruct the user to click on the page to return a coordinate value to the script. The dialog box has a Cancel button.

```
getcoord <stem> [MESSAGE message]
```

stem/a	Gets the mouse coordinates.
MESSAGE/s	The message to display. Max length = 55 characters.

Results:

If Cancel is chosen, it sets RC to 10. If the user clicks on the page, it sets RC to 0 and returns the coordinates to the stem variable.

stem	
x/d	The horizontal coordinate.
y/d	The vertical coordinate.

Examples:

```
'getcoord coord message "Click on the page"'
```

## 1.46 getcursor

GETCURSOR

Gets information about the cursor or text selection(s).

```
getcursor [INDEX number] [TYPE string] [ARTICLEID
handle] [FRAMESTART number] [FRAMEEND number]
[FRAMESTARTID number] [FRAMEENDID number]
[OBJECTID number] [LINESTART number] [LINEEND number]
[CHARACTERSTART number] [CHARACTEREND number]
[POSITIONSTART stem] [POSITIONEND stem]
[DOCUMENT name/S | WINDOW name/S]
```

INDEX/i	The text selection / cursor position about which to get information. Default=1.
TYPE	The type of text block
ARTICLEID/i	The article ID of the article of the cursor position or text selection.*
FRAMESTART/i	The first frame in the selection.*
FRAMEEND/i	The last frame in the selection.*
FRAMESTARTID/i	The object ID of the first frame in the selection.*
FRAMEENDID/i	The object ID of the last frame in the selection.*
OBJECTID/i	The object ID of the text block.**
LINESTART/i	The ID of the first selected line.
LINEEND/i	The ID of the last selected line.
CHARACTERSTART/i	The ID of the first character selected.
CHARACTEREND/i	The ID of the last character selected.
POSITIONSTART/a	The position of the cursor or start of the selected text.
POSITIONEND/a	The position of the end of the selected text.
DOCUMENT/s	The document name. Default=current.
WINDOW/s	The window name. Default=current.

\* apply only to text frames; will return 0 for frameless text blocks.

\*\* apply only to text blocks; will return 0 for text frames.

Results:

TYPE string/k	The type of object: ARTICLE (text frame)  TEXTOBJ (text block).
POSITIONSTART stem	
x1/d	The horizontal coordinate

y1/d	The baseline coordinate
top1/d	The top of slug coordinate
bottom1/d	The bottom of slug coordinate
POSITIONEND stem	
x2/d	The horizontal coordinate
y2/d	The baseline coordinate
top2/d	The top of slug coordinate
bottom2/d	The bottom of slug coordinate

#### Notes:

If there is only one cursor position or text selection, INDEX should be 1. If there are multiple text selections, (found out with `getcursorgcount`, you may want to use this command more than once to get information about each selection.

FRAMESTART and FRAMEEND will be equal if no text is selected.

CHARACTERSTART and CHARACTEREND will be equal if no text is selected.

LINESTART, LINEEND, CHARACTERSTART and CHARACTEREND numbers don't have any value by themselves. They take into account hidden commands and are therefore not suitable for counting the number of characters selected.

#### Examples:

```
getcursor characterstart start characterend end
```

## 1.47 getcursorgcount

### GETCURSORCOUNT

Gets the number of text selections. The user can select multiple blocks of text; this returns how many blocks exist.

```
getcursorgcount [DOCUMENT name/S]
```

DOCUMENT The document name. Default=current.

#### Results:

The number of text selections is returned to RESULT.

#### Notes:

A result of 0 indicates that the cursor is not placed.

#### Examples:

getcursorcoun

## 1.48 getdimensions

GETDIMENSIONS

Gets the dimensions of a master page.

getdimensions <stem> [MASTERPAGE name]

stem/a            Gets the dimensions.  
MASTERPAGE/s    The master page name. Default=current.

Results:

stem  
width/d           The width.  
height/d          The height.  
orientation/k     The orientation: PORTRAIT|LANDSCAPE.  
spreads/k         The spread type: FACING|INDIVIDUAL.  
sides/k            The number of sides: SINGLE|DOUBLE.

Examples:

getdimensions size

## 1.49 getdisplay

GETDISPLAY

Gets the display settings.

getdisplay <stem> [WINDOW name]

stem/a           Gets the display settings.  
WINDOW/s        The window name. Default=current.

Results:

stem  
page/s            The page number.  
mode/k            The view magnification mode: CUSTOM|  
FULLPAGE|FULLPASTEBOARD|FULLPAGEWIDTH|  
FULLPASTEBOARDWIDTH|FULLPAGEHEIGHT|  
FULLPASTEBOARDHEIGHT.  
scale/d           The custom view percentage.  
left/d            The horizontal page offset from the left of  
the window.  
top/d             The vertical page offset from the top of  
the window.

Examples:

getdisplay displaystuff

## 1.50 getdocumentdesc

GETDOCUMENTDESC

Gets the description of a document.

getdocumentdesc [DOCUMENT name]

DOCUMENT/s The document name. Default=current.

Results:

The description is returned to RESULT.

Examples:

getdocumentdesc document 'Project.doc'

## 1.51 getdocuments

GETDOCUMENTS

Gets the number of open documents and their names.

getdocuments <stem>

stem/a Gets the document names.

Results:

The number of open documents is returned to RESULT.

stem

0/s The name of the first document.

1/s The name of the second document.

etc.

Examples:

getdocuments docnames

## 1.52 getdocumentstatus

GETDOCUMENTSTATUS

Gets the change status of a document.

---

```
getdocumentstatus [DOCUMENT name]
```

DOCUMENT/s The document name. Default=current.

Results:

The status (changed|unchanged) is returned to RESULT.

Examples:

```
getdocumentstatus document 'Project.doc'
```

## 1.53 getdrawing

GETDRAWING

Gets coordinates and information for a drawing.

```
getdrawing [POSITION stem] [FRAME string]
[CONTENTOFFSET stem] [CONTENTSCALE stem]
[ROTATION stem] [ABOUT stem] [CONSTRAIN string]
[PRINT string] [FILEINFO stem] [DOCUMENT name |
WINDOW name | OBJECTID number]
```

POSITION/a	Gets the coordinates.
FRAME/s	Gets the frame state.
CONTENTOFFSET/a	Gets the frame contents offset.
CONTENTSCALE/a	Gets the frame contents scale.
ROTATION/a	Gets the rotation.
ABOUT/a	Gets the rotation point.
CONSTRAIN/s	Gets the proportional scale flag state.
PRINT/s	Gets the print flag state.
FILEINFO/a	Gets the file location.
DOCUMENT/s	The document name. Default=current.
WINDOW/s	The window name. Default=current.
OBJECTID/i	The object number. Default=current.

Results:

The object ID is returned to RESULT.

POSITION stem	
left/d	The left coordinate.
top/d	The top coordinate.
right/d	The right coordinate.
bottom/d	The bottom coordinate.
FRAME string/s	The frame state: ON OFF.
CONTENTOFFSET stem	
x/d	The horizontal offset.
y/d	The vertical offset.
CONTENTSCALE stem	
h/d	The horizontal scale.
v/d	The vertical scale.
ROTATION stem	

---

mode/k	The rotation point: POINT CENTER.
slant/d	The slant angle.
twist/d	The twist angle.
ABOUT stem	
x/d	The point's horizontal coordinate.
y/d	The point's vertical coordinate.
CONSTRAIN string/k	The constrain flag: ON OFF.
PRINT string/k	The print flag: ON OFF.
FILEINFO stem	
mode/k	The file status: INTERNAL EXTERNAL.
file/s	The filepath and name.

Examples:

```
getdrawing position coord
```

## 1.54 getdrawingdisplay

GETDRAWINGDISPLAY

Gets the drawing display status.

```
getdrawingdisplay [WINDOW name]
```

WINDOW/s The window name. Default=current.

Results:

The status (ON|OFF) is returned to RESULT.

Examples:

```
getdrawingdisplay
```

## 1.55 getellipse

GETELLIPSE

Gets coordinates and information for an ellipse.

```
getellipse [POSITION stem] [ANGLES stem]
[ROTATION stem] [ABOUT stem] [CONSTRAIN string]
[PRINT string] [DOCUMENT name | WINDOW name |
OBJECTID number]
```

POSITION/a	Gets the coordinates.
ANGLES/a	Gets the ellipse type and angles.
ROTATION/a	Gets the rotation.
ABOUT/a	Gets the rotation point.
CONSTRAIN/s	Gets the proportional scale flag state.
PRINT/s	Gets the print flag state.

---



DOCUMENT/s    The document name. Default=current.  
WINDOW/s      The window name. Default=current.  
OBJECTID/i    The object number. Default=current.

#### Results:

The object ID is returned to RESULT.

POSITION stem  
centerx/d      The horizontal center coordinate.  
centery/d      The vertical center coordinate.  
radiusx/d      The horizontal radius.  
radiusy/d      The vertical radius.  
ANGLES stem  
type/k          The ellipse type: ELLIPSE|PIE|ARC.  
begin/d        The beginning angle.  
end/d           The ending angle.  
ROTATION stem  
mode/k          The rotation point: POINT|CENTER.  
slant/d        The slant angle.  
twist/d        The twist angle.  
ABOUT stem  
x/d            The point's horizontal coordinate.  
y/d            The point's vertical coordinate.  
CONSTRAIN string/k    The constrain flag: ON|OFF.  
PRINT string/k        The print flag: ON|OFF.

#### Examples:

getellipse position coord

---