

Standard Suite : Common terms for most applications

make: Make a new element

make

new **type class** -- *the class of the new element.*

at **location reference** -- *the location at which to insert the element*

[with data **anything**] -- *the initial data for the element*

[with properties **record**] -- *the initial values for the properties of the element*

Result: **reference** -- *to the new object(s)*

open: Open the specified object(s)

open **alias** -- *list of objects to open*

[using translator **international text**] -- *the name of the translator to use to open the file*

[as document type **drawing document/text document/spreadsheet document/database document/painting document/presentation document**] -- *the type of AppleWorks document as which to open the file*

[with password **string**] -- *the password to use*

exists: Verify if an object exists

exists **reference** -- *the object in question*

Result: **boolean** -- *true if it exists, false if not*

count: Return the number of elements of a particular class within an object

count **reference** -- *the object whose elements are to be counted*

each **type class** -- *the class of the elements to be counted.*

Result: **integer** -- *the number of elements*

data size: Return the size in bytes of an object

data size **reference** -- *the object whose data size is to be returned*

[as **type class**] -- *the data type for which the size is calculated*

Result: **integer** -- *the size of the object in bytes*

move: Move object(s) to a new location

move **reference** -- *the object(s) to move*

to **location reference** -- *the new location for the object(s)*

Result: **reference** -- *to the object(s) after they have been moved*

duplicate: Duplicate object(s)

duplicate **reference** -- *the object(s) to duplicate*

[to **location reference**] -- *the new location for the object(s)*

Result: **reference** -- *to the duplicated object(s)*

delete: Delete an element from an object

delete **reference** -- *the element to delete*

print: Print the specified document, window, or file [Application must be 'active'/at front]

print **alias** -- *Objects to print. Can be a document, window, file, or list of files*

[print dialog **boolean**] -- *Should the application show the print dialog? [default: false]*

save: Save a document

save **document** -- *the document to save*

[in **alias**] -- *the file in which to save the document*
 [as file type **type class**] -- *the type of file in which to save the document (e.g., PICT, TEXT, MW2D)*
 [using translator **international text**] -- *the name of the translator to use to save the document*
 [template **boolean**] -- *save the document as template?*

close: Close a window or a document

close **reference** -- *the object to close*
 [saving **yes/no/ask**] -- *specifies whether or not changes should be saved before closing*
 [saving in **alias**] -- *the file in which to save the object*
 [as file type **type class**] -- *the type of file in which to save the document*
 [using translator **international text**] -- *the name of the translator to use to save the document*

quit: Quit an application program

quit
 [saving **yes/no/ask**] -- *specifies whether to save currently open documents*

Class application: An application program

Plural form:

applications

Elements:

document by numeric index, by name, as a range of elements, satisfying a test
 window by numeric index, by name, as a range of elements, satisfying a test

Properties:

frontmost **boolean** [r/o] -- *Is this the frontmost application?*
 name **international text** [r/o] -- *the name*
 selection **text range/cell range/graphic object/graphic group/record range/field range**
 -- *the selection visible to the user*
 version **version** [r/o] -- *the version of the application*
 company name **international text** [r/o] -- *the name of the company to which the application is registered*
 import translators list of **text** [r/o] -- *names of import (read) translators available to the application*
 export translators list of **text** [r/o] -- *names of export (save) translators available to the application*
 editing styles **boolean** -- *true if application is currently editing a style*
 clipboard **anything** [r/o] -- *the clipboard*
 preferences **application preferences** -- *application preferences*
 default document preferences **document preferences** -- *application preferences*

Class document: an open document

Plural form:

documents

Elements:

window by numeric index, by name, as a range of elements, satisfying a test

Properties:

text body **text** [r/o] -- *the document's text (if text document)*
 drawing area **drawing layer** [r/o] -- *the document's drawing area*
 painting **painting layer** [r/o] -- *the document's painting (if painting document)*
 spreadsheet **spreadsheet layer** [r/o] -- *the document's spreadsheet (if spreadsheet document)*
 database **database layer** [r/o] -- *the document's database (if database document)*
 preferences **document preferences** -- *document preferences*
 modified **boolean** [r/o] -- *has the document been modified since the last save?*
 margins **rectangle** -- *the document's margins*
 name **international text** [r/o] -- *the name of the document*

index **integer** [r/o] -- *the document number*
 document kind **drawing document/text document/spreadsheet document/database document/painting document/presentation document** [r/o] -- *the document kind*
 file **alias** [r/o] -- *the document's file*
 title **string** -- *the title of the document*
 author **string** -- *the author of the document*
 version **string** -- *the version of the document*
 keywords **string** -- *the keywords of the document*
 category **string** -- *the category of the document*
 description **string** -- *the description of the document*
 selection **text range/cell range/graphic object/graphic group/record range/field range**
 -- *the current user selection or insertion point for the document*
 merge file **alias** -- *the database file with which to merge*
 header **international text** -- *the header of the document*
 footer **international text** -- *the footer of the document*
 autohyphenate **boolean** -- *automatically hyphenate as you edit and type new text?*
 date format **numeric date/short abbreviated date/short date/long abbreviated date/long date** -- *format to use when displaying dates*
 fractional character widths **boolean** -- *use fractional character widths when drawing text?*
 smart quotes **boolean** -- *use smart quotes?*
 side handles **boolean** -- *use side handles (for a total of 8) when displaying object selection?*
 polygon autoclose **boolean** -- *automatically close polygons?*
 show invisibles **boolean** -- *show invisible characters in text?*
 autosmooth **boolean** -- *automatically smooth freehand?*
 gradient drawing **faster/better** -- *method to use for displaying gradients*
 shift constraint **integer** -- *the angle at which the shift key constrains the mouse*
 properties **record** -- *the object's properties (record)*

Class window: a document window

Plural form:

windows

Properties:

name **international text** [r/o] -- *the window's name*
 document **document** [r/o] -- *the document associated with the window*
 bounds **bounding rectangle** -- *the boundary rectangle for the window*
 zoomed **boolean** -- *is the window zoomed?*
 position **point** -- *upper left coordinates of the window*
 scale **real** -- *the viewing scale (zoom percentage)*
 tools **boolean** -- *is the tool panel for this window visible?*
 page view **boolean** -- *is the window in page view?*
 database view **browse view/find view/layout view/list view** -- *(for databases only) the view type for the database*
 index **integer** [r/o] -- *the window's index*
 visible **boolean** -- *is this window visible?*

Class file: a file

Plural form:

files

Properties:

template **boolean** [r/o] -- *is the file a template file?*

Class insertion point: An insertion location between two objects

Plural form:
insertion points

AppleWorks Suite : General terms for use with AppleWorks

select: Select the specified object

select **reference** -- *the object to be selected*

copy to clipboard: Copy the current selection to the clipboard [Application must be 'active'/at front]

copy to clipboard [**reference**] -- *optional object to be selected (else the current selection is used)*

cut: Cut the current selection to the clipboard [Application must be 'active'/at front]

cut [**reference**] -- *optional object to be selected (else the current selection is used)*

paste: Paste from the clipboard to the current selection [Application must be 'active'/at front]

paste [**values/formulas/formats**] -- *special things that can be pasted*
[transpose **boolean**] -- *transpose the data diagonally?*

insert: Insert a file into a document

insert **alias** -- *the file to insert*
[at **location reference**] -- *the location at which to insert the file*
[using translator **international text**] -- *the name of the translator to use to import the document*
[with fields list of **string**] -- *the field order to use when inserting into a database (use "" to skip a field)*

merge: merge document with database data [Application must be 'active'/at front]

merge **reference** -- *the document to merge db data with*
[using **reference**] -- *database to get data from*
[to **printer/file set/new window**] -- *where to direct the results of the merge*
[print dialog **boolean**] -- *Should the application show the print dialog? [default: false]*

revert: revert to the last saved version of a document

revert **document** -- *the document to be reverted*

start slides: Start the slideshow for the current document

start slides

stop slides: Stop the slideshow, returning to the normal application state

stop slides

speak: Use PlainTalk to speak some text

speak **reference** -- *the text to speak*
[using voice **international text**] -- *the name of the PlainTalk voice to use*

run macro: Run the specified macro

run macro **string** -- *the name of the macro to run*

Class menu: a menu

Plural form:
menus

Elements:

menu item by numeric index, by name, as a range of elements

Properties:

name **international text** [r/o] -- *the name of the menu*
 id **small integer** [r/o] -- *the menu id*

Class menu item: a menu item. Use “select” to perform a menu item action.

Plural form:

menu items

Properties:

name **international text** [r/o] -- *the name of the menu*
 index **integer** [r/o] -- *the menu item number*
 enabled **boolean** [r/o] -- *is the menu item enabled?*
 checked **boolean** [r/o] -- *is the menu item checked?*
 check character **string** [r/o] -- *the character used to check this menu item*

Class application preferences: preferences which apply globally throughout the application

Properties:

old version warning **boolean** -- *display warning alert when opening a document created by an older version?*
 locked file warning **boolean** -- *display warning alert when opening a locked document?*
 paint reduction warning **boolean** -- *display warning alert when size of new painting document is reduced due to memory constraints?*
 converted file suffix **boolean** -- *append “[v6.0]” to documents converted from older formats?*
 file extension **boolean** -- *append “.cwk” to saved document’s name?*
 default font **text** -- *the name of the default font*
 default font size **integer** -- *the point size of the default font*
 remember translator **boolean** -- *when saving, set the default export translator to be the same as the import translator?*

Class document preferences: preferences which apply to individual documents

Properties:

date format **numeric date/short abbreviated date/short date/long abbreviated date/long date** -- *format to use when displaying dates (default for new documents)*
 fractional character widths **boolean** -- *use fractional character widths when drawing text? (default for new documents)*
 smart quotes **boolean** -- *use smart quotes? (default for new documents)*
 side handles **boolean** -- *use side handles (for a total of 8) when displaying object selection? (default for new documents)*
 polygon autoclose **boolean** -- *automatically close polygons? (default for new documents)*
 show invisibles **boolean** -- *show invisible characters in text? (default for new documents)*
 smooth fonts **boolean** -- *automatically smooth text?*
 word wrap **boolean** -- *Wrap words at end of line?*
 autosmooth **boolean** -- *automatically smooth freehand? (default for new documents)*
 shift constraint **integer** -- *the angle at which the shift key constrains the mouse (default for new documents)*

Class ruler measurement info: a fixed value and its unit of measurement

Properties:

value **real** [r/o] -- *the amount*
 unit **lines/inches/millimeters/centimeters/picas/points** [r/o] -- *the unit of measurement applied to the value*

Class tab stop: a tab stop

Plural form:

tab stops

Properties:

index **integer** [r/o] -- *the index of this tab stop in the paragraph*tab type **left/right/center/align on** -- *the tab's alignment type*position **real** -- *the tab's position in the ruler*alignment character **string** -- *(for align-on tabs) the character on which to align*fill character **string** -- *the character with which to fill the tab space*parent paragraph **paragraph** [r/o] -- *the paragraph this tab stop belongs to*properties **record** -- *the tab stop's properties (record)***AppleWorks Text Suite : Terms for use with word processing****Class text:** text

Elements:

text as a range of elements

character by numeric index, as a range of elements

word by numeric index, as a range of elements

paragraph by numeric index, as a range of elements

footnote by numeric index, as a range of elements

section by numeric index, as a range of elements

Sub classes:

character, word, paragraph, section, footnote

Properties:

font **text** -- *the name of the font of the first character*style **text style info** -- *the text style of the first character*size **real** -- *the size in points of the first character*uniform styles **text style info** [r/o] -- *the text styles which are uniform throughout the specified text*length **integer** [r/o] -- *length of the text*character offset **integer** [r/o] -- *offset of the text from the beginning of the enclosing text object*paragraph index **small integer** [r/o] -- *paragraph index of first character of the text*page index **small integer** [r/o] -- *page number or list {firstPage,lastPage} of text range*section index **small integer** [r/o] -- *page number or list {firstSection,lastSection} of text range*color **RGB color** -- *the color*object specifier **reference** [r/o] -- *specifier designating the object*properties **record** -- *the object's properties (record)***Class text style info:** On and Off styles of text run

Plural form:

text style infos

Properties:

on styles list of **plain/bold/italic/underline/outline/shadow/condense/extend/
strikethru/superscript/subscript/superior/inferior/double underline** -- *the styles that are on for the text*off styles list of **plain/bold/italic/underline/outline/shadow/condense/extend/
strikethru/superscript/subscript/superior/inferior/double underline** -- *the styles that are off for the text***Class character:** a character

Plural form:

characters

Elements:

text as a range of elements
 character by numeric index, as a range of elements
 word by numeric index, as a range of elements
 paragraph by numeric index, as a range of elements
 footnote by numeric index, as a range of elements
 section by numeric index, as a range of elements

Super classes:

text

Properties:

font **text** -- *(inherited from the "text" class) the name of the font of the first character*
 style **text style info** -- *(inherited from the "text" class) the text style of the first character*
 size **real** -- *(inherited from the "text" class) the size in points of the first character*
 uniform styles **text style info** [r/o] -- *(inherited from the "text" class) the text styles which are uniform throughout the specified text*
 length **integer** [r/o] -- *(inherited from the "text" class) length of the text*
 character offset **integer** [r/o] -- *(inherited from the "text" class) offset of the text from the beginning of the enclosing text object*
 paragraph index **small integer** [r/o] -- *(inherited from the "text" class) paragraph index of first character of the text*
 page index **small integer** [r/o] -- *(inherited from the "text" class) page number or list {firstPage,lastPage} of text range*
 section index **small integer** [r/o] -- *(inherited from the "text" class) page number or list {firstSection,lastSection} of text range*
 color **RGB color** -- *(inherited from the "text" class) the color*
 object specifier **reference** [r/o] -- *(inherited from the "text" class) specifier designating the object*
 properties **record** -- *(inherited from the "text" class) the object's properties (record)*
 drawing area **drawing layer** [r/o] -- *the character's drawing area (only for embedded graphics)*

Class word: a word

Plural form:

words

Elements:

text as a range of elements
 character by numeric index, as a range of elements
 word by numeric index, as a range of elements
 paragraph by numeric index, as a range of elements
 footnote by numeric index, as a range of elements
 section by numeric index, as a range of elements

Super classes:

text

Properties:

font **text** -- *(inherited from the "text" class) the name of the font of the first character*
 style **text style info** -- *(inherited from the "text" class) the text style of the first character*
 size **real** -- *(inherited from the "text" class) the size in points of the first character*
 uniform styles **text style info** [r/o] -- *(inherited from the "text" class) the text styles which are uniform throughout the specified text*
 length **integer** [r/o] -- *(inherited from the "text" class) length of the text*
 character offset **integer** [r/o] -- *(inherited from the "text" class) offset of the text from the beginning of the enclosing text object*
 paragraph index **small integer** [r/o] -- *(inherited from the "text" class) paragraph index of first character of the text*
 page index **small integer** [r/o] -- *(inherited from the "text" class) page number or list {firstPage,lastPage} of text range*

section index **small integer** [r/o] -- (inherited from the "text" class) page number or list
{firstSection,lastSection} of text range
 color **RGB color** -- (inherited from the "text" class) the color
 object specifier **reference** [r/o] -- (inherited from the "text" class) specifier designating the object
 properties **record** -- (inherited from the "text" class) the object's properties (record)
 index **integer** [r/o] -- the index of this word in the text

Class paragraph: a paragraph

Plural form:

paragraphs

Elements:

text as a range of elements
 character by numeric index, as a range of elements
 word by numeric index, as a range of elements
 paragraph by numeric index, as a range of elements
 footnote by numeric index, as a range of elements
 section by numeric index, as a range of elements
 tab stop by numeric index

Super classes:

text

Properties:

font **text** -- (inherited from the "text" class) the name of the font of the first character
 style **text style info** -- (inherited from the "text" class) the text style of the first character
 size **real** -- (inherited from the "text" class) the size in points of the first character
 uniform styles **text style info** [r/o] -- (inherited from the "text" class) the text styles which are
uniform throughout the specified text
 length **integer** [r/o] -- (inherited from the "text" class) length of the text
 character offset **integer** [r/o] -- (inherited from the "text" class) offset of the text from the beginning
of the enclosing text object
 paragraph index **small integer** [r/o] -- (inherited from the "text" class) paragraph index of first
character of the text
 page index **small integer** [r/o] -- (inherited from the "text" class) page number or list
{firstPage,lastPage} of text range
 section index **small integer** [r/o] -- (inherited from the "text" class) page number or list
{firstSection,lastSection} of text range
 color **RGB color** -- (inherited from the "text" class) the color
 object specifier **reference** [r/o] -- (inherited from the "text" class) specifier designating the object
 properties **record** -- (inherited from the "text" class) the object's properties (record)
 index **integer** [r/o] -- the index of this paragraph in the text
 level **integer** -- the outline level
 left indent **ruler measurement info** -- the left indentation
 right indent **ruler measurement info** -- the right indentation
 first line indent **ruler measurement info** -- the initial indentation of the first line
 line spacing **ruler measurement info** -- the space between the lines of a paragraph
 space before **ruler measurement info** -- the space before a paragraph
 space after **ruler measurement info** -- the space after a paragraph
 label **none/diamond label/bullet label/checkbox label/Harvard label/leader label/
 legal label/letter label/letter caps label/numeric label/Roman label/Roman caps label** --
the outlining label type associated with a paragraph
 justification **left/right/center/full** -- Justification of the text
 paragraph style **string** -- the name of the paragraph style

Class section: a section

Plural form:

sections

Elements:

text as a range of elements
 character by numeric index, as a range of elements
 word by numeric index, as a range of elements
 paragraph by numeric index, as a range of elements
 footnote by numeric index, as a range of elements
 section by numeric index, as a range of elements

Super classes:

text

Properties:

font **text** -- *(inherited from the "text" class) the name of the font of the first character*
 style **text style info** -- *(inherited from the "text" class) the text style of the first character*
 size **real** -- *(inherited from the "text" class) the size in points of the first character*
 uniform styles **text style info** [r/o] -- *(inherited from the "text" class) the text styles which are uniform throughout the specified text*
 length **integer** [r/o] -- *(inherited from the "text" class) length of the text*
 character offset **integer** [r/o] -- *(inherited from the "text" class) offset of the text from the beginning of the enclosing text object*
 paragraph index **small integer** [r/o] -- *(inherited from the "text" class) paragraph index of first character of the text*
 page index **small integer** [r/o] -- *(inherited from the "text" class) page number or list {firstPage,lastPage} of text range*
 section index **small integer** [r/o] -- *(inherited from the "text" class) page number or list {firstSection,lastSection} of text range*
 color **RGB color** -- *(inherited from the "text" class) the color*
 object specifier **reference** [r/o] -- *(inherited from the "text" class) specifier designating the object*
 properties **record** -- *(inherited from the "text" class) the object's properties (record)*
 index **integer** [r/o] -- *the index of this section in the text*
 header **text** -- *if section has facing pages with different headers: {leftHeader,rightHeader} else the common header*
 footer **text** -- *if section has facing pages with different footers: {leftFooter,rightFooter} else the common footer*

Class footnote: a footnote

Plural form:

footnotes

Elements:

text as a range of elements
 character by numeric index, as a range of elements
 word by numeric index, as a range of elements
 paragraph by numeric index, as a range of elements
 footnote by numeric index, as a range of elements
 section by numeric index, as a range of elements

Super classes:

text

Properties:

font **text** -- *(inherited from the "text" class) the name of the font of the first character*
 style **text style info** -- *(inherited from the "text" class) the text style of the first character*
 size **real** -- *(inherited from the "text" class) the size in points of the first character*
 uniform styles **text style info** [r/o] -- *(inherited from the "text" class) the text styles which are uniform throughout the specified text*

length **integer** [r/o] -- (inherited from the "text" class) length of the text
 character offset **integer** [r/o] -- (inherited from the "text" class) offset of the text from the beginning of the enclosing text object
 paragraph index **small integer** [r/o] -- (inherited from the "text" class) paragraph index of first character of the text
 page index **small integer** [r/o] -- (inherited from the "text" class) page number or list {firstPage,lastPage} of text range
 section index **small integer** [r/o] -- (inherited from the "text" class) page number or list {firstSection,lastSection} of text range
 color **RGB color** -- (inherited from the "text" class) the color
 object specifier **reference** [r/o] -- (inherited from the "text" class) specifier designating the object
 properties **record** -- (inherited from the "text" class) the object's properties (record)
 label **string** -- the label associated with this footnote
 index **integer** [r/o] -- the index of this footnote in the text

AppleWorks Database Suite : Terms for use with databases

hide: Hide a set of database records

hide **reference** -- the db records to hide

show: show a set of database records

show **reference** -- the db records to show

apply: Apply db operation (search, report, or sort)

apply **reference** -- a db search, db report, or db sort to apply

printing **boolean** -- if applying a report, also print it?

Class database layer: a database

Plural form:

databases

Elements:

layout by name, by numeric index

field by name, by numeric index

record by numeric index, as a range of elements, satisfying a test

db report by name, by numeric index

db search by name, by numeric index

db sort by name, by numeric index

Properties:

current record **record** -- the current database record

current layout **layout** -- the current database layout

custom field names **boolean** -- true => show field Name, Value as {Name}:Value..} vs
 {{field:"Name",value:Value}..}

Class record: a database record

Plural form:

records

Elements:

field by name, by numeric index

Properties:

visible **boolean** [r/o] -- is the record visible?

index **integer** [r/o] -- the record number

id **integer** [r/o] -- the record id number (unique within a database)

creation date **date** [r/o] -- *the date/time the record was created*
 modification date **date** [r/o] -- *the date/time the record was last modified*
 object specifier **reference** [r/o] -- *specifier designating the object*

Class field: a database field

Plural form:

fields

Properties:

name **international text** [r/o] -- *the name of the field*
 index **integer** [r/o] -- *the index of the field*
 value **anything** -- *the value of the field (corresponds to field kind)*
 field kind **text field/number field/date field/time field/name field/popup field/radio button field/check box field/serial number field/value list field/multimedia field/record info field/formula field/summary field** [r/o] -- *the field format*
 object specifier **reference** [r/o] -- *specifier designating the object*

Class layout: a database layout

Plural form:

layouts

Properties:

name **international text** -- *the name of the layout*
 show multiple **boolean** -- *show multiple records at a time?*
 index **integer** [r/o] -- *the layout index*

Class db search: a canned database search

Plural form:

db searches

Properties:

name **international text** [r/o] -- *the name of the search*
 index **integer** [r/o] -- *the search index*
 application range **all records/visible records** -- *apply db search to all records or visible records*
 inverted **boolean** -- *true => find records failing the match*

Class db sort: a canned database sort

Plural form:

db sorts

Properties:

name **international text** [r/o] -- *the name of the sort*
 index **integer** [r/o] -- *the sort index*

Class db report: a database report

Plural form:

db reports

Properties:

name **international text** [r/o] -- *the name of the report*
 index **integer** [r/o] -- *the report index*
 printing **boolean** -- *print the report when applied?*

AppleWorks Spreadsheet Suite : Terms for use with spreadsheets

recalculate: Recalculate a spreadsheet

recalculate **spreadsheet layer** -- *the spreadsheet to recalculate*

sort: Sort a range of spreadsheet cells

sort **reference** -- *the cell range to sort*

[with orientation **horizontal/vertical**] -- *sort horizontally (swap columns), or vertically (swap rows) [default is vertical]*

[with data list of **list**] -- *names and directions on which to sort e.g. {"A1",descending}, {"B1",ascending} [default is upper-left cell, ascending]*

Class spreadsheet layer: a spreadsheet

Plural form:

spreadsheets

Elements:

cell by name, by numeric index

row by name, by numeric index, as a range of elements

column by name, by numeric index, as a range of elements

named range by name, as a range of elements

Properties:

data bounds **named range** [r/o] -- *the range that data occupies in the spreadsheet*

Class cell: a cell

Plural form:

cells

Elements:

cell by name, by numeric index

row by name, by numeric index, as a range of elements

column by name, by numeric index, as a range of elements

named range by name, as a range of elements

Sub classes:

row, column

Properties:

formula **text** -- *the formula of the cell*

format **general/currency/percent/scientific notation/fixed/numeric date/short abbreviated date/short date/long abbreviated date/long date/short time/long time/short military time/long military time** -- *the cell format*

lock **read only/read write** -- *Indicates whether value or formula in the cell can be changed*

name **string** -- *the name of the cell (e.g., "A1")*

color **RGB color** -- *the cell's text color*

font **text** -- *the name of the font of the cell*

size **real** -- *the size in points of the cell text*

style **text style info** -- *the text style of the cell*

fill color **RGB color** -- *the fill color*

fill pattern **integer** -- *the fill pattern*

alignment **general/left/right/center** -- *justification of the text*

decimal places **integer** -- *digits of precision*

commas **boolean** -- *display numbers with thousands separators?*

parentheses **boolean** -- *display negative numbers in parentheses?*

wrap **boolean** -- *wrap text within a cell?*

left border **boolean** -- *draw a border on the left side of the cell?*

top border **boolean** -- *draw a border on the top of the cell?*

right border **boolean** -- *draw a border on the right side of the cell?*

bottom border **boolean** -- *draw a border on the bottom of the cell?*

outline border **boolean** -- *draw a border framing the range of cells?*

object specifier **reference** [r/o] -- *specifier designating the object*

properties **record** -- *the object's properties (record)*

Class row: a row

Plural form:

rows

Elements:

cell by name, by numeric index
row by name, by numeric index, as a range of elements
column by name, by numeric index, as a range of elements
named range by name, as a range of elements

Super classes:

cell

Properties:

formula **text** -- *(inherited from the "cell" class) the formula of the cell*

format **general/currency/percent/scientific notation/fixed/numeric date/short abbreviated date/short date/long abbreviated date/long date/short time/long time/short military time/long military time** -- *(inherited from the "cell" class) the cell format*

lock **read only/read write** -- *(inherited from the "cell" class) Indicates whether value or formula in the cell can be changed*

name **string** -- *(inherited from the "cell" class) the name of the cell (e.g., "A1")*

color **RGB color** -- *(inherited from the "cell" class) the cell's text color*

font **text** -- *(inherited from the "cell" class) the name of the font of the cell*

size **real** -- *(inherited from the "cell" class) the size in points of the cell text*

style **text style info** -- *(inherited from the "cell" class) the text style of the cell*

fill color **RGB color** -- *(inherited from the "cell" class) the fill color*

fill pattern **integer** -- *(inherited from the "cell" class) the fill pattern*

alignment **general/left/right/center** -- *(inherited from the "cell" class) justification of the text*

decimal places **integer** -- *(inherited from the "cell" class) digits of precision*

commas **boolean** -- *(inherited from the "cell" class) display numbers with thousands separators?*

parentheses **boolean** -- *(inherited from the "cell" class) display negative numbers in parentheses?*

wrap **boolean** -- *(inherited from the "cell" class) wrap text within a cell?*

left border **boolean** -- *(inherited from the "cell" class) draw a border on the left side of the cell?*

top border **boolean** -- *(inherited from the "cell" class) draw a border on the top of the cell?*

right border **boolean** -- *(inherited from the "cell" class) draw a border on the right side of the cell?*

bottom border **boolean** -- *(inherited from the "cell" class) draw a border on the bottom of the cell?*

outline border **boolean** -- *(inherited from the "cell" class) draw a border framing the range of cells?*

object specifier **reference** [r/o] -- *(inherited from the "cell" class) specifier designating the object*

properties **record** -- *(inherited from the "cell" class) the object's properties (record)*

index **integer** [r/o] -- *the row number*

height **integer** -- *the height of the row in pixels*

Class column: a column

Plural form:

columns

Elements:

cell by name, by numeric index
row by name, by numeric index, as a range of elements
column by name, by numeric index, as a range of elements
named range by name, as a range of elements

Super classes:

cell

Properties:

formula **text** -- *(inherited from the "cell" class) the formula of the cell*
 format **general/currency/percent/scientific notation/fixed/numeric date/short abbreviated date/short date/long abbreviated date/long date/short time/long time/short military time/long military time** -- *(inherited from the "cell" class) the cell format*
 lock **read only/read write** -- *(inherited from the "cell" class) Indicates whether value or formula in the cell can be changed*
 name **string** -- *(inherited from the "cell" class) the name of the cell (e.g., "A1")*
 color **RGB color** -- *(inherited from the "cell" class) the cell's text color*
 font **text** -- *(inherited from the "cell" class) the name of the font of the cell*
 size **real** -- *(inherited from the "cell" class) the size in points of the cell text*
 style **text style info** -- *(inherited from the "cell" class) the text style of the cell*
 fill color **RGB color** -- *(inherited from the "cell" class) the fill color*
 fill pattern **integer** -- *(inherited from the "cell" class) the fill pattern*
 alignment **general/left/right/center** -- *(inherited from the "cell" class) justification of the text*
 decimal places **integer** -- *(inherited from the "cell" class) digits of precision*
 commas **boolean** -- *(inherited from the "cell" class) display numbers with thousands separators?*
 parentheses **boolean** -- *(inherited from the "cell" class) display negative numbers in parentheses?*
 wrap **boolean** -- *(inherited from the "cell" class) wrap text within a cell?*
 left border **boolean** -- *(inherited from the "cell" class) draw a border on the left side of the cell?*
 top border **boolean** -- *(inherited from the "cell" class) draw a border on the top of the cell?*
 right border **boolean** -- *(inherited from the "cell" class) draw a border on the right side of the cell?*
 bottom border **boolean** -- *(inherited from the "cell" class) draw a border on the bottom of the cell?*
 outline border **boolean** -- *(inherited from the "cell" class) draw a border framing the range of cells?*
 object specifier **reference** [r/o] -- *(inherited from the "cell" class) specifier designating the object*
 properties **record** -- *(inherited from the "cell" class) the object's properties (record)*
 index **integer** [r/o] -- *the column number*
 width **integer** -- *the width of the column in pixels*

Class named range: a user-defined range of cells

Plural form:

named ranges

Elements:

cell by name, by numeric index
 row by name, by numeric index, as a range of elements
 column by name, by numeric index, as a range of elements
 named range by name, as a range of elements

Properties:

name **string** -- *the name of the range*
 object specifier **reference** [r/o] -- *specifier designating the object*

Class chart display: a chart display of spreadsheet data

Plural form:

charts

Properties:

range **reference** [r/o] -- *the spreadsheet range which is charted*
 chart kind **bar chart/area chart/line chart/scatter chart/pie chart/pictogram chart/stacked bar chart/stacked area chart/XY line chart/XY scatter chart/high low chart/stacked pictogram chart** -- *the type of chart*
 title **string** [r/o] -- *the title of the chart*
 title position **top left/top center/top right/middle left/middle/middle right/bottom left/bottom center/bottom right** [r/o] -- *the position of the chart title*
 title orientation **horizontal/vertical** [r/o] -- *the orientation of the chart title*
 title style **plain/shadow** [r/o] -- *the style of the chart title*

series orientation **row/column** [r/o] -- *the orientation of series*
 legend position **top left/top center/top right/middle left/middle/middle right/bottom left/bottom center/bottom right** [r/o] -- *the position of the chart legend*
 legend orientation **horizontal/vertical** [r/o] -- *the orientation of the chart legend*
 legend style **plain/shadow** [r/o] -- *the style of the chart legend*
 x-axis title **string** [r/o] -- *the title of the X axis*
 x-axis grid lines **boolean** [r/o] -- *show X axis grid lines if true*
 x-axis marks position **none/across/inside/outside** [r/o] -- *position of X axis tick marks*
 y-axis title **string** [r/o] -- *the title of the Y axis*
 y-axis grid lines **boolean** [r/o] -- *show Y axis grid lines if true*
 y-axis marks position **none/across/inside/outside** [r/o] -- *position of Y axis tick marks*

AppleWorks Graphics Suite : Terms for use with graphics

Class drawing layer: Container for graphics and supporting information

Plural form:

drawing layers

Elements:

graphic object by numeric index, by name
 arc by numeric index, by name
 line by numeric index, by name
 oval by numeric index, by name
 polygon by numeric index, by name
 rectangle by numeric index, by name
 rounded rectangle by numeric index, by name
 text frame by numeric index, by name
 spreadsheet frame by numeric index, by name
 paint frame by numeric index, by name
 table by numeric index, by name
 movie by numeric index, by name
 picture by numeric index, by name
 chart frame by numeric index, by name

Class graphic object: two-dimensional objects

Plural form:

graphic objects

Sub classes:

text frame, chart frame, spreadsheet frame, paint frame, movie, table, group, arc, line, oval, polygon, rectangle, rounded rectangle

Properties:

bounds **bounding rectangle** -- *the smallest rectangle that contains the entire graphic object*
 fill color **RGB color** -- *the fill color*
 fill pattern **integer** -- *the fill pattern*
 fill gradient **integer** -- *the fill gradient*
 fill texture **integer** -- *the fill texture*
 pen color **RGB color** -- *the pen color*
 pen pattern **integer** -- *the pen pattern*
 pen width **real** -- *the pen width*
 rotation **integer** -- *the rotation of this object in degrees from horizontal*
 definition rectangle **bounding rectangle** -- *the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated*
 text wrap **no wrap/regular wrap/irregular wrap** -- *the way in which text should wrap around an*

object

wrap gutter **small integer** -- *the number of pixels to allow between an object and the text wrapping around it*
 lock **read only/read write** -- *indicates whether or not the object may be moved, deleted, or modified*
 name **string** [r/o] -- *the name of the graphic object*
 index **integer** [r/o] -- *the index of the graphic object within its container*
 object specifier **reference** [r/o] -- *specifier designating the object*
 properties **record** -- *the object's properties (record)*

Class text frame: frame containing a text body

Plural form:

text frames

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*
 fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*
 fill pattern **integer** -- *(inherited from the "graphic object" class) the fill pattern*
 fill gradient **integer** -- *(inherited from the "graphic object" class) the fill gradient*
 fill texture **integer** -- *(inherited from the "graphic object" class) the fill texture*
 pen color **RGB color** -- *(inherited from the "graphic object" class) the pen color*
 pen pattern **integer** -- *(inherited from the "graphic object" class) the pen pattern*
 pen width **real** -- *(inherited from the "graphic object" class) the pen width*
 rotation **integer** -- *(inherited from the "graphic object" class) the rotation of this object in degrees from horizontal*
 definition rectangle **bounding rectangle** -- *(inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated*
 text wrap **no wrap/regular wrap/irregular wrap** -- *(inherited from the "graphic object" class) the way in which text should wrap around an object*
 wrap gutter **small integer** -- *(inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it*
 lock **read only/read write** -- *(inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified*
 name **string** [r/o] -- *(inherited from the "graphic object" class) the name of the graphic object*
 index **integer** [r/o] -- *(inherited from the "graphic object" class) the index of the graphic object within its container*
 object specifier **reference** [r/o] -- *(inherited from the "graphic object" class) specifier designating the object*
 properties **record** -- *(inherited from the "graphic object" class) the object's properties (record)*
 text body **text** -- *the object's text*

Class chart frame: frame containing a chart within a drawing area

Plural form:

chart frames

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*
 fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*

fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern
 fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient
 fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
 pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
 pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
 pen width **real** -- (inherited from the "graphic object" class) the pen width
 rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
 definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
 text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
 wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
 lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
 name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
 index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
 object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object
 properties **record** -- (inherited from the "graphic object" class) the object's properties (record)
 chart **chart display** [r/o] -- the object's chart

Class spreadsheet frame: frame containing a spreadsheet within a drawing area

Plural form:

spreadsheet frames

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object
 fill color **RGB color** -- (inherited from the "graphic object" class) the fill color
 fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern
 fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient
 fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
 pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
 pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
 pen width **real** -- (inherited from the "graphic object" class) the pen width
 rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
 definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
 text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
 wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
 lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
 name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
 index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
 object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating

the object

properties **record** -- (inherited from the "graphic object" class) the object's properties (record)
 spreadsheet **spreadsheet layer** [r/o] -- the object's spreadsheet

Class paint frame: frame containing a painting [pixel map] within a drawing area

Plural form:

paint frames

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object
 fill color **RGB color** -- (inherited from the "graphic object" class) the fill color
 fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern
 fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient
 fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
 pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
 pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
 pen width **real** -- (inherited from the "graphic object" class) the pen width
 rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
 definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
 text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
 wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
 lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
 name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
 index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
 object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object
 properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

Class painting layer: a painting layer [a.k.a. pixel map]

Plural form:

paintings

Class movie: a QuickTime movie

Plural form:

movies

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object
 fill color **RGB color** -- (inherited from the "graphic object" class) the fill color
 fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern
 fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient

fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
 pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
 pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
 pen width **real** -- (inherited from the "graphic object" class) the pen width
 rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
 definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
 text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
 wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
 lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
 name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
 index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
 object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object
 properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

Class table: a table

Plural form:

tables

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object
 fill color **RGB color** -- (inherited from the "graphic object" class) the fill color
 fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern
 fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient
 fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
 pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
 pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
 pen width **real** -- (inherited from the "graphic object" class) the pen width
 rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
 definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
 text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
 wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
 lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
 name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
 index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
 object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object
 properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

Class group: Group of graphics

Plural form:

groups

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object

fill color **RGB color** -- (inherited from the "graphic object" class) the fill color

fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern

fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient

fill texture **integer** -- (inherited from the "graphic object" class) the fill texture

pen color **RGB color** -- (inherited from the "graphic object" class) the pen color

pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern

pen width **real** -- (inherited from the "graphic object" class) the pen width

rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal

definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated

text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object

wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it

lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified

name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object

index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container

object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object

properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

Class arc: An arc

Plural form:

arcs

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object

fill color **RGB color** -- (inherited from the "graphic object" class) the fill color

fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern

fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient

fill texture **integer** -- (inherited from the "graphic object" class) the fill texture

pen color **RGB color** -- (inherited from the "graphic object" class) the pen color

pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern

pen width **real** -- (inherited from the "graphic object" class) the pen width

rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal

definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated

text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object

wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it

lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified

name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object

index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container

object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object

properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

arc angle **small integer** -- Angle of the arc in degrees

start angle **small integer** -- the angle that defines the start of the arc, in degrees

Class line:

Plural form:

lines

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- (inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object

fill color **RGB color** -- (inherited from the "graphic object" class) the fill color

fill pattern **integer** -- (inherited from the "graphic object" class) the fill pattern

fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient

fill texture **integer** -- (inherited from the "graphic object" class) the fill texture

pen color **RGB color** -- (inherited from the "graphic object" class) the pen color

pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern

pen width **real** -- (inherited from the "graphic object" class) the pen width

rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal

definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated

text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object

wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it

lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified

name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object

index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container

object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object

properties **record** -- (inherited from the "graphic object" class) the object's properties (record)

start point **point** -- the starting point of the line

end point **point** -- the ending point of the line

arrow style **no arrow/arrow at start/arrow at end/arrow at both ends** -- the arrow style

Class oval:

Plural form:

ovals

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*

fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*

fill pattern **integer** -- *(inherited from the "graphic object" class) the fill pattern*

fill gradient **integer** -- *(inherited from the "graphic object" class) the fill gradient*

fill texture **integer** -- *(inherited from the "graphic object" class) the fill texture*

pen color **RGB color** -- *(inherited from the "graphic object" class) the pen color*

pen pattern **integer** -- *(inherited from the "graphic object" class) the pen pattern*

pen width **real** -- *(inherited from the "graphic object" class) the pen width*

rotation **integer** -- *(inherited from the "graphic object" class) the rotation of this object in degrees from horizontal*

definition rectangle **bounding rectangle** -- *(inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated*

text wrap **no wrap/regular wrap/irregular wrap** -- *(inherited from the "graphic object" class) the way in which text should wrap around an object*

wrap gutter **small integer** -- *(inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it*

lock **read only/read write** -- *(inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified*

name **string** [r/o] -- *(inherited from the "graphic object" class) the name of the graphic object*

index **integer** [r/o] -- *(inherited from the "graphic object" class) the index of the graphic object within its container*

object specifier **reference** [r/o] -- *(inherited from the "graphic object" class) specifier designating the object*

properties **record** -- *(inherited from the "graphic object" class) the object's properties (record)*

Class polygon: a polygon

Plural form:

polygons

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*

fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*

fill pattern **integer** -- *(inherited from the "graphic object" class) the fill pattern*

fill gradient **integer** -- *(inherited from the "graphic object" class) the fill gradient*

fill texture **integer** -- *(inherited from the "graphic object" class) the fill texture*

pen color **RGB color** -- *(inherited from the "graphic object" class) the pen color*

pen pattern **integer** -- *(inherited from the "graphic object" class) the pen pattern*

pen width **real** -- *(inherited from the "graphic object" class) the pen width*

rotation **integer** -- *(inherited from the "graphic object" class) the rotation of this object in degrees from horizontal*

definition rectangle **bounding rectangle** -- *(inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated*

text wrap **no wrap/regular wrap/irregular wrap** -- *(inherited from the "graphic object" class) the way in which text should wrap around an object*

wrap gutter **small integer** -- *(inherited from the "graphic object" class) the number of pixels to allow*

between an object and the text wrapping around it

lock **read only/read write** -- *(inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified*

name **string** [r/o] -- *(inherited from the "graphic object" class) the name of the graphic object*

index **integer** [r/o] -- *(inherited from the "graphic object" class) the index of the graphic object within its container*

object specifier **reference** [r/o] -- *(inherited from the "graphic object" class) specifier designating the object*

properties **record** -- *(inherited from the "graphic object" class) the object's properties (record)*

Class rectangle: a rectangle

Plural form:

rectangles

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*

fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*

fill pattern **integer** -- *(inherited from the "graphic object" class) the fill pattern*

fill gradient **integer** -- *(inherited from the "graphic object" class) the fill gradient*

fill texture **integer** -- *(inherited from the "graphic object" class) the fill texture*

pen color **RGB color** -- *(inherited from the "graphic object" class) the pen color*

pen pattern **integer** -- *(inherited from the "graphic object" class) the pen pattern*

pen width **real** -- *(inherited from the "graphic object" class) the pen width*

rotation **integer** -- *(inherited from the "graphic object" class) the rotation of this object in degrees from horizontal*

definition rectangle **bounding rectangle** -- *(inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated*

text wrap **no wrap/regular wrap/irregular wrap** -- *(inherited from the "graphic object" class) the way in which text should wrap around an object*

wrap gutter **small integer** -- *(inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it*

lock **read only/read write** -- *(inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified*

name **string** [r/o] -- *(inherited from the "graphic object" class) the name of the graphic object*

index **integer** [r/o] -- *(inherited from the "graphic object" class) the index of the graphic object within its container*

object specifier **reference** [r/o] -- *(inherited from the "graphic object" class) specifier designating the object*

properties **record** -- *(inherited from the "graphic object" class) the object's properties (record)*

Class rounded rectangle: a rounded rectangle

Plural form:

rounded rectangles

Elements:

Super classes:

graphic object

Properties:

bounds **bounding rectangle** -- *(inherited from the "graphic object" class) the smallest rectangle that contains the entire graphic object*

fill color **RGB color** -- *(inherited from the "graphic object" class) the fill color*

fill pattern **integer** -- *(inherited from the "graphic object" class) the fill pattern*

fill gradient **integer** -- (inherited from the "graphic object" class) the fill gradient
fill texture **integer** -- (inherited from the "graphic object" class) the fill texture
pen color **RGB color** -- (inherited from the "graphic object" class) the pen color
pen pattern **integer** -- (inherited from the "graphic object" class) the pen pattern
pen width **real** -- (inherited from the "graphic object" class) the pen width
rotation **integer** -- (inherited from the "graphic object" class) the rotation of this object in degrees from horizontal
definition rectangle **bounding rectangle** -- (inherited from the "graphic object" class) the rectangle used to define the object; this is usually the same as the bounds except when the object is rotated
text wrap **no wrap/regular wrap/irregular wrap** -- (inherited from the "graphic object" class) the way in which text should wrap around an object
wrap gutter **small integer** -- (inherited from the "graphic object" class) the number of pixels to allow between an object and the text wrapping around it
lock **read only/read write** -- (inherited from the "graphic object" class) indicates whether or not the object may be moved, deleted, or modified
name **string** [r/o] -- (inherited from the "graphic object" class) the name of the graphic object
index **integer** [r/o] -- (inherited from the "graphic object" class) the index of the graphic object within its container
object specifier **reference** [r/o] -- (inherited from the "graphic object" class) specifier designating the object
properties **record** -- (inherited from the "graphic object" class) the object's properties (record)
corner radius **small integer** -- the radius of the arcs used to draw the corners
round ends **boolean** -- should the shorter sides of the object be drawn by a half circle? (overrides corner radius)