

Standard Suite: *Common classes and commands for most applications.*

Class application: An application's top level scripting object.

Plural form:

applications

Elements:

window by name, by numeric index, before/after another element, as a range of elements, satisfying a test, by ID

document by name, by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

version string [r/o] -- The version of the application.

frontmost boolean [r/o] -- Is this the frontmost (active) application?

name string [r/o] -- The name of the application.

Class color: A color.

Plural form:

colors

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

Class document: A document.

Plural form:

documents

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

modified boolean [r/o] -- Has the document been modified since the last save?

path string -- The document's path.

name string -- The document's name.

Class item: A scriptable object.

Plural form:

items

Properties:

class type class [r/o] -- The class of the object.

properties record -- All of the object's properties.

Class window: A window.

Plural form:

windows

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.
zoomed boolean -- Whether the window is currently zoomed.
miniaturized boolean -- Whether the window is currently miniaturized.
name string -- The full title of the window.
floating boolean [r/o] -- Whether the window floats.
modal boolean [r/o] -- Whether the window is the application's current modal window.

miniaturizable boolean [r/o] -- Whether the window can be miniaturized.
visible boolean -- Whether the window is currently visible.
closeable boolean [r/o] -- Whether the window has a close box.
resizable boolean [r/o] -- Whether the window can be resized.
zoomable boolean [r/o] -- Whether the window can be zoomed.
id integer [r/o] -- The unique identifier of the window.
bounds bounding rectangle -- The bounding rectangle of the window.
titled boolean [r/o] -- Whether the window has a title bar.
index integer -- The index of the window in the back-to-front window ordering.
document document [r/o] -- The document whose contents are being displayed in the window.

close: Close an object.

close reference -- the object for the command
[**saving yes/no/ask**] -- Specifies whether changes should be saved before closing.
[**saving in alias**] -- The file in which to save the object.

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

count reference -- the object for the command
[**each type class**] -- The class of objects to be counted.
Result: **integer** -- the reply for the command

delete: Delete an object.

delete reference -- the object for the command

duplicate: Copy object(s) and put the copies at a new location.

duplicate reference -- the object for the command
to location reference -- The location for the new object(s).
[**with properties record**] -- Properties to be set in the new duplicated object(s).

exists: Verify if an object exists.

exists reference -- the object for the command

Result: **boolean** -- the reply for the command

get: Get the data for an object.

get **reference** -- the object for the command

Result: **anything** -- the reply for the command

make: Make a new object.

make **reference** -- the object for the command

[**with properties** **record**] -- The initial values for properties of the object.

new **type** **class** -- The class of the new object.

[**with data** **anything**] -- The initial data for the object.

[**at** **location** **reference**] -- The location at which to insert the object.

Result: **reference** -- the reply for the command

move: Move object(s) to a new location.

move **reference** -- the object for the command

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

open: Open an object.

open **alias** -- The file(s) to be opened.

print: Print an object.

print **alias** -- The file(s) or document(s) to be printed.

quit: Quit an application.

quit **reference** -- the object for the command

[**saving** **yes/no/ask**] -- Specifies whether changes should be saved before quitting.

save: Save an object.

save **reference** -- the object for the command

[**as** **string**] -- The file type in which to save the data.

[**in** **alias**] -- The file in which to save the object.

set: Set an object's data.

set **reference** -- the object for the command

to **anything** -- The new value.

Text Suite: *A set of basic classes for text processing.*

Class attachment: Represents an inline text attachment. This class is used mainly for

make commands.

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a test

attachment by numeric index, before/after another element, as a range of elements, satisfying a test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> text [r/o] -- All of the properties of the superclass.

file name string -- The path to the file for the attachment

Class attribute run: This subdivides the text into chunks that all have the same attributes.

Plural form:

attribute runs

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a test

attachment by numeric index, before/after another element, as a range of elements, satisfying a test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> item [r/o] -- All of the properties of the superclass.

size integer -- The size in points of the first character.

font string -- The name of the font of the first character.

color color -- The color of the first character.

Class character: This subdivides the text into characters.

Plural form:

characters

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a test

attachment by numeric index, before/after another element, as a range of elements, satisfying a test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> item [r/o] -- All of the properties of the superclass.

size integer -- The size in points of the first character.
font string -- The name of the font of the first character.
color color -- The color of the first character.

Class paragraph: This subdivides the text into paragraphs.

Plural form:

paragraphs

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a

test

attachment by numeric index, before/after another element, as a range of elements, satisfying a

test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> item [r/o] -- All of the properties of the superclass.

size integer -- The size in points of the first character.

font string -- The name of the font of the first character.

color color -- The color of the first character.

Class text: Rich (styled) text

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a

test

attachment by numeric index, before/after another element, as a range of elements, satisfying a

test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> item [r/o] -- All of the properties of the superclass.

size integer -- The size in points of the first character.

font string -- The name of the font of the first character.

color color -- The color of the first character.

Class word: This subdivides the text into words.

Plural form:

words

Elements:

character by numeric index, before/after another element, as a range of elements, satisfying a test

attribute run by numeric index, before/after another element, as a range of elements, satisfying a

test

attachment by numeric index, before/after another element, as a range of elements, satisfying a

test

word by numeric index, before/after another element, as a range of elements, satisfying a test

paragraph by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

size integer -- The size in points of the first character.

font string -- The name of the font of the first character.

color color -- The color of the first character.

Chartsmith suite: *Chartsmith specific classes.*

Class application: Chartsmith's top level scripting object.

Plural form:

applications

Elements:

document by name, by numeric index, before/after another element, as a range of elements, satisfying a test

window by name, by numeric index, before/after another element, as a range of elements, satisfying a test, by ID

document by name, by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> **application** [r/o] -- All of the properties of the superclass.

Class chart: A Chartsmith chart

Plural form:

charts

Elements:

datasheet by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

Class datasheet: A chart's data view

Plural form:

datasheets

Properties:

<Inheritance> **item** [r/o] -- All of the properties of the superclass.

Class document: A Chartsmith document

Plural form:

documents

Elements:

chart by numeric index, before/after another element, as a range of elements, satisfying a test

Properties:

<Inheritance> **document** [r/o] -- All of the properties of the superclass.

Class string: string object

Plural form:

strings

add chart: add a chart to a document

add chart **reference** -- the object for the command
[of type **anything**] -- the type of the chart
[at index **integer**] -- positional index of chart to be added
Result: **chart** -- the reply for the command

apply: apply a template to a chart

apply **reference** -- the object for the command
template **string** -- path to template file

export: export a chart image

export **reference** -- the object for the command
as **string** -- image format: TIFF, PDF, JPEG
to **string** -- file path where image will be stored

import ascii data: imports data (with no labels) from an ascii file into the Data View

import ascii data **reference** -- the object for the command
[with delimiter **anything**] -- delimiter used between columns of data
(default is 'tab')
in **string** -- path to ascii data file

insert row: insert a row in a chart's datasheet

insert row **reference** -- the object for the command
at index **integer** -- positional index of row to be added

insert rows: insert a row in a chart's datasheet

insert rows **reference** -- the object for the command
at index **integer** -- positional index of rows to be added
count **integer** -- number of rows to be added

insert series: insert a series in a chart's datasheet

insert series **reference** -- the object for the command
[of type **anything**] -- the series type to be added
at index **integer** -- positional index of series to be added

printdoc: print the charts in a document

`printdoc` `reference` -- the object for the command

set cell: set the value of a single cell in the Data View

`set cell` `reference` -- the object for the command
`col` `integer` -- series column number
`[subcol integer]` -- sub-column of series column
`row` `integer` -- row number
`to` `string` -- string value for data cell

set cells: sets the values of a block of existing data cells in the Data View

`set cells` `reference` -- the object for the command
`to` `string` -- string value for data cells with comma ',' column delimiters and colon ':' row delimiters

set row label: set text value of a single row label

`set row label` `reference` -- the object for the command
`to` `string` -- label value
`for row` `integer` -- row number

set row labels: sets the text value of row labels

`set row labels` `reference` -- the object for the command
`to` `string` -- string of row labels, each delimited from the previous by a semi-colon ';'

set series label: set text value of a single series label

`set series label` `reference` -- the object for the command
`to` `string` -- label value
`for series` `integer` -- series number

set series labels: set text value of series labels

`set series labels` `reference` -- the object for the command
`to` `string` -- string of series labels, each delimited from the previous by a comma ','

set subtitle: set subtitle string of chart

`set subtitle` `reference` -- the object for the command
`to` `string` -- subtitle string for chart

set title: set title string of chart

`set title` `reference` -- the object for the command
`to` `string` -- title string for chart

set xaxis title: set title string of x axis

set xaxis title **reference** -- the object for the command
to **string** -- title string for x axis

set y1axis title: set title string of y1 axis

set y1axis title **reference** -- the object for the command
to **string** -- title string for y1 axis

set y2axis title: set title string of y2 axis

set y2axis title **reference** -- the object for the command
to **string** -- title string for y2 axis

valid license: determine if Chartsmith is licensed; returns “YES” or “NO”

valid license **reference** -- the object for the command
Result: **string** -- the reply for the command