Standard Suite

Common classes and commands for all applications.

open v : Open one or more documents.

open file or list of file : The file(s) to be opened.

[using cache boolean]: Should opening the document use any existing data cache or rebuild the cache from the document. Defaults to true.

[upgrade in place boolean]: If the document needs to be upgraded from an older file format version and this is set, the upgrade will be attempted in place without any alert or backup prior to upgrade. Defaults to false.

 \rightarrow <u>document</u> or list of <u>document</u>: The opened document(s).

save options enum

yes : Save the file.no : Do not save the file.

ask: Ask the user whether or not to save the file.

close v : Close a document.

close specifier: the document(s) or window(s) to close.

[saving yes/no/ask]: Should changes be saved before closing? [saving in file]: The file in which to save the document, if so.

save v : Save a document.

save specifier: The document(s) or window(s) to save.

[in file]: The file in which to save the document.

[as text]: The file format to use.

[compression boolean] : Should the file be written with data compression

enabled? Defaults to true.

printing error handling enum

standard: Standard PostScript error handling

detailed : print a detailed report of PostScript errors

print settings *n*

PROPERTIES

copies (integer): the number of copies of a document to be printed

collating (boolean): Should printed copies be collated?

starting page (integer) : the first page of the document to be printed **ending page** (integer) : the last page of the document to be printed

pages across (integer) : number of logical pages laid across a physical page
pages down (integer) : number of logical pages laid out down a physical page

requested print time (date) : the time at which the desktop printer should print the document

document

error handling (standard/detailed): how errors are handled

fax number (text) : for fax number target printer (text): for target printer target file (file): the file to save the results in show preview (boolean): open the results in Preview instead of printing print v : Print a document. **print** list of file or specifier: The file(s), document(s), or window(s) to be printed. [with properties print settings]: The print settings to use. [print dialog boolean]: Should the application show the print dialog? quit v: Quit the application. quit [saving yes/no/ask] : Should changes be saved before quitting? **count** v: Return the number of elements of a particular class within an object. **count** specifier: The objects to be counted. → integer : The count. **delete** v : Delete an object. **delete** specifier: The object(s) to delete. **duplicate** v : Copy an object. **duplicate** specifier or list of specifier : The object(s) to copy. [to location specifier]: The location for the new copy or copies. [with properties record]: Properties to set in the new copy or copies right away. → specifier or list of specifier : the duplicated object(s) **exists** *v* : Verify that an object exists. exists any: The object(s) to check. → boolean : Did the object(s) exist? **make** v : Create a new object. make **new** type: The class of the new object. [at location specifier]: The location at which to insert the object.

move *v* : Move an object to a new location.

→ specifier : The new object.

[with data any]: The initial contents of the object.

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

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move specifier or list of specifier: The object(s) to move.
     to location specifier: The new location for the object(s).
     → specifier : the moved object(s)
GetURL v: Open a document from an URL.
  GetURL text: The URL of the file to be opened.
application n [see also OmniFocus suite]: The application's top-level scripting object.
  contains documents, windows.
  PROPERTIES
  name (text, r/o): The name of the application.
  frontmost (boolean, r/o): Is this the active application?
  version (text, r/o) : The version number of the application.
  RESPONDS TO
  open, print, quit.
document n [see also OmniFocus suite] : A document.
  ELEMENTS
  contained by <u>application</u>.
  PROPERTIES
  name (text, r/o) : Its name.
  modified (boolean, r/o): Has it been modified since the last save?
  file (file, r/o): Its location on disk, if it has one.
  RESPONDS TO
  close, print, save.
window n: A window.
  ELEMENTS
  contained by application.
  name (text, r/o): The title of the window.
  id (integer, r/o) : The unique identifier of the window.
  index (integer): The index of the window, ordered front to back.
  bounds (rectangle): The bounding rectangle of the window.
  closeable (boolean, r/o): Does the window have a close button?
  miniaturizable (boolean, r/o): Does the window have a minimize button?
  miniaturized (boolean): Is the window minimized right now?
  resizable (boolean, r/o): Can the window be resized?
  visible (boolean): Is the window visible right now?
  zoomable (boolean, r/o): Does the window have a zoom button?
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zoomed (boolean): Is the window zoomed right now?

document (document, r/o): The document whose contents are displayed in the

window.

RESPONDS TO close, print, save.

OmniFocus suite

AppleScript commands and classes specific to OmniFocus.

project status enum
 active status : Active
 on hold status : On Hold
 done status : Done

dropped status: Dropped

interval unit enum
 minute : Minutes
hour : Hours
day : Days
 week : Weeks
 month : Months
 year : Years

repetition method enum

fixed repetition: Repeat on a fixed schedule.

start after completion: Start again after completion. **due after completion**: Due again after completion.

repetition interval n

PROPERTIES

unit (minute/hour/day/week/month/year) : The units of the repetition interval.

steps (integer): The count of the repetition interval.

fixed (boolean): If fixed, the next repetition will be relative to a fixed calendar. If sliding, the next repetition will be calculated when needed.

,

repetition rule n

PROPERTIES

repetition method (fixed repetition/start after completion/due after completion): The repetition method. If fixed, the next repetition will be relative to a fixed calendar. If sliding, the next repetition will be calculated when the action or inbox item is resolved.

recurrence (text): The iCalendar (RFC 2445) string describing the recurrence.

location trigger enum

notify when arriving: notify when arriving at this location

notify when leaving: notify when leaving this location

sidebar tab enum

inbox tab : inbox tab
projects tab : projects tab

tags tab: tags tab

forecast tab : forecast tab
flagged tab : flagged tab
review tab : review tab

location information *n*

PROPERTIES

name (text): A display name for the location.

latitude (real): Latitude in degrees from -90 to +90.

longitude (real): Longitude in degrees from -180 to +180.

altitude (real): Altitude in meters from sea level.

radius (real): Radius of accuracy in kilometers, from 0.1km to 10km.

trigger (notify when arriving/notify when leaving): Location notification trigger.

application *n* [see also <u>Standard Suite</u>]

ELEMENTS

contains perspectives, preferences.

PROPERTIES

build number (text, r/o): This is the build number of the application, for example 63.1 or 63. Major and minor versions are separated by a dot. So 63.10 comes after 63.1.

reference date (date): The date on from which the date collated smart groups are based. When set, the reference date will be rounded to the first instant of the day of the specified date.

current time offset (real) : The current time offset from a reference date. Useful for timing scripts.

default document (<u>document</u>): The user's default document.

quick entry (<u>quick entry tree</u>): The Quick Entry panel for the default document. **perspective names** (list of text, r/o): The names of all available perspectives in the default document.

RESPONDS TO

open, , resettextdump, mark complete, mark incomplete, mark dropped.

document *n* [see also <u>Standard Suite</u>] : An OmniFocus document.

FLEMENTS

contains <u>settings</u>, <u>document windows</u>, <u>sections</u>, <u>folders</u>, <u>projects</u>, <u>tags</u>, <u>inbox tasks</u>, <u>tasks</u>, <u>flattened tasks</u>, <u>flattened projects</u>, <u>flattened folders</u>, <u>flattened tags</u>, <u>perspectives</u>.

PROPERTIES

id (text, r/o): The document's unique identifier.

can undo (boolean, r/o): Whether the document can undo the most recent command. can redo (boolean, r/o): Whether the document can redo the most recently undone command. will autosave (boolean): Whether the document will autosave. compresses transactions (boolean): Whether the document will write compressed transactions to disk; defaults to true. includes summaries (boolean): Whether the document will write computed summary information when writing transactions. **syncing** (boolean, r/o): True if the document is currently syncing, false otherwise. **last sync date** (date, r/o) : Date of the last sync. **last sync error** (text, r/o): Error message (if any) for the last sync. quick entry (quick entry tree): The Quick Entry panel for the document. perspective names (list of text, r/o): The names of all available perspectives in this document. RESPONDS TO , delete, archive, resettextdump, textdump, compact, complete, undo, redo, synchronize, parse tasks into, import into. **document window** *n* [inh. window] : A window of an OmniFocus document. **ELEMENTS** contained by documents. PROPERTIES search term (text): The search term in the toolbar. If there is no search toolbar item, this will return missing value instead of an empty string and setting it will cause an error. selected sidebar tab (inbox tab/projects tab/tags tab/forecast tab/flagged tab/ review tab or <u>perspective</u>): The selected tab in the sidebar. sidebar (sidebar tree or forecast sidebar tree, r/o): The tree of objects in the window sidebar. content (content tree, r/o): The tree of objects in the main window content.

perspective name (text): The name of a perspective.

focus (list of item, focus sections, or any): A list of the projects and folders forming the project focus of this document window.

RESPONDS TO add, remove, close, .

quick entry tree *n* [inh. <u>tree</u>] : The Quick Entry panel.

FI EMENTS

contains folders, projects, tags, inbox tasks.

PROPERTIES

visible (boolean, r/o): Whether the quick entry panel is currently visible.

RESPONDS TO

open, save, close, delete, complete.

setting *n* : Document setting

ELEMENTS

contained by <u>documents</u>.

PROPERTIES

id (text, r/o): The identifier of the setting.

value (text, real, integer, boolean, or missing value) : The current value of the setting.

default value (text, real, integer, boolean, or missing value): The default value of the setting.

focus sections *n* : The current focus of a document window.

ELEMENTS

contains item.

section *n* : A portion of a folder or document; either a project or a folder.

FI FMFNTS

contained by documents, folders.

PROPERTIES

id (text, r/o): The identifier of the project or folder.name (text): The name of the project or folder.

folder *n* [inh. section] : A group of projects and sub-folders representing an area of responsibility.

ELEMENTS

contains <u>sections</u>, <u>folders</u>, <u>projects</u>, <u>flattened projects</u>, <u>flattened folders</u>; contained by <u>documents</u>, <u>quick entry trees</u>.

PROPERTIES

id (text, r/o): The identifier of the folder.name (text): The name of the folder.

note (<u>rich text</u>) : The note of the folder.

hidden (boolean): Set if the folder is currently hidden.

effectively hidden (boolean, r/o): Set if the folder is currently hidden or any of its container folders are hidden.

creation date (date, r/o): When the folder was created.

modification date (date, r/o): When the folder was last modified.

container (<u>document</u>, <u>quick entry tree</u>, or <u>folder</u>, r/o) : The containing folder or document.

containing document (document or quick entry tree, r/o): The containing document or quick entry tree of the object.

RESPONDS TO

add, remove, delete.

tag *n* : A tag.

ELEMENTS

contains <u>tags</u>, <u>flattened tags</u>, <u>tasks</u>, <u>available tasks</u>, <u>remaining tasks</u>; contained by <u>documents</u>, <u>quick entry trees</u>, <u>tags</u>, <u>tasks</u>.

PROPERTIES

id (text) : The identifier of the tag.
name (text) : The name of the tag.
note (rich text) : The note of the tag.

allows next action (boolean): If false, tasks associated with this tag will be skipped when determining the next action for a project.

hidden (boolean): Set if the tag is currently hidden.

effectively hidden (boolean, r/o) : Set if the tag is currently hidden or any of its container tags are hidden.

container (tag, r/o): The containing tag.

available task count (integer, r/o) : A count of the number of unblocked and incomplete tasks of this tag and all its active descendent tags.

remaining task count (integer, r/o): A count of the number of incomplete tasks of this tag and all its active descendent tags.

containing document (document or quick entry tree, r/o): The containing document or quick entry tree of the object.

location (<u>location information</u> or missing value) : The physical location associated with the tag.

RESPONDS TO delete, add, remove.

deprecated context *n* [inh. <u>tag</u>] : Deprecated. Where you would look up a "context" by name, id, or index before, you can now use the term "tag". Where you would get or set the "context" property of a task before, you can now use "primary tag". You may also use the "add", "remove", and "move" commands to manage multiple ordered tags on a task now.

project n [inh. section] : A project.

ELEMENTS

contained by <u>documents</u>, <u>quick entry trees</u>.

PROPERTIES

id (text): The identifier of the project.

root task (task, r/o): The root task of this project, holding the project's name, note, dates and child tasks.

next task (task or missing value, r/o): The next actionable child of this project.

last review date (date): When the project was last reviewed.

next review date (date or missing value): When the project should next be reviewed. Setting this to missing value will set the review date based off the last review date and review interval.

review interval (<u>repetition interval</u>) : The review interval for the project.

status (active status/on hold status/done status/dropped status) : The status of the project.

effective status (active status/on hold status/done status/dropped status, r/o) : The effective status of the project.

singleton action holder (boolean): True if the project contains singleton actions.
default singleton action holder (boolean): True if the project is the default holder of sington actions. Only one project can have this flag set; setting it on a project will clear it on any other project having it. Setting this to true will set 'singleton

action holder' to true if not already so set.

container (<u>document</u>, <u>quick entry tree</u>, or <u>folder</u>, r/o) : The containing folder or document.

folder (<u>folder</u> or missing value, r/o): The folder of the project, or missing value if it is contained directly by the document.

id (text): The identifier of the project.

name (text): The name of the project.

note (<u>rich text</u>) : The note of the project.

containing document (document or quick entry tree, r/o): The containing document or quick entry tree of the object.

primary tag (tag or missing value): The project's first tag. Setting this will remove the current first tag on the project, if any and move or add the new tag as the first tag on the project. Setting this to missing value will remove the current first tag and leave any other remaining tags.

completed by children (boolean): If true, complete when children are completed.

sequential (boolean): If true, any children are sequentially dependent.

flagged (boolean): True if flagged

blocked (boolean, r/o): True if the project has a project that must be completed prior to it being actionable.

creation date (date): When the project was created. This can only be set when the object is still in the inserted state. For objects created in the document, it can be passed with the creation properties. For objects in a quick entry tree, it can be set until the quick entry panel is saved.

modification date (date, r/o): When the project was last modified.

defer date (date or missing value) : When the project should become available for action. *syn* **start date**

effective defer date (date or missing value, r/o) : When the project should become available for action (including inherited).

due date (date or missing value): When the project must be finished.

effective due date (date or missing value, r/o) : When the project must be finished (including inherited).

should use floating time zone (boolean): When set, the due date and defer date properties will use floating time zones. (Note: if a Task has no due or defer dates assigned, this property will revert to the database's default setting.)

completion date (date or missing value): The project's date of completion. This can only be modified on a completed project to backdate the completion date.

completed (boolean, r/o): True if the project is completed. Use the "mark complete" and "mark incomplete" commands to change a project's status.

effectively completed (boolean, r/o): True if the project is completed

dropped date (date or missing value): The date the project was dropped. This can only be modified on a dropped project to backdate the dropped date.

dropped (boolean, r/o): True if the project is dropped. Use the "mark dropped" and "mark incomplete" commands to change a project's status.

effectively dropped (boolean, r/o): True if the project is dropped

estimated minutes (integer or missing value) : The estimated time, in whole minutes, that this project will take to finish.

repetition rule (<u>repetition rule</u> or missing value) : The repetition rule for this project, or missing value if it does not repeat.

next defer date (date or missing value, r/o): The next defer date if this project repeats on a fixed schedule and it has a defer date.

next due date (date or missing value, r/o): The next due date if this project repeats

on a fixed schedule and it has a due date.

number of tasks (integer, r/o): The number of direct children of this project.

number of available tasks (integer, r/o): The number of available direct children of this project.

number of completed tasks (integer, r/o) : The number of completed direct children of this project.

RESPONDS TO

delete, mark complete, mark incomplete, mark dropped, add, remove.

task *n* : A task. This might represent the root of a project, an action within a project or other action or an inbox item.

ELEMENTS

contains tags, tasks, flattened tasks; contained by documents, tags, tasks.

PROPERTIES

id (text): The identifier of the task.

name (text): The name of the task.

note (<u>rich text</u>) : The note of the task.

container (<u>document</u>, <u>quick entry tree</u>, <u>project</u>, or <u>task</u>, r/o) : The containing task, project or document.

containing project (<u>project</u> or missing value, r/o): The task's project, up however many levels of parent tasks. Inbox tasks aren't considered contained by their provisionally assigned container, so if the task is actually an inbox task, this will be missing value.

parent task (task or missing value, r/o): The task holding this task. If this is missing value, then this is a top level task -- either the root of a project or an inbox item.

containing document (<u>document</u> or <u>quick entry tree</u>, r/o): The containing document or quick entry tree of the object.

in inbox (boolean, r/o): Returns true if the task itself is an inbox task or if the task is contained by an inbox task.

primary tag (tag or missing value): The task's first tag. Setting this will remove the current first tag on the task, if any and move or add the new tag as the first tag on the task. Setting this to missing value will remove the current first tag and leave any other remaining tags.

completed by children (boolean): If true, complete when children are completed.

sequential (boolean): If true, any children are sequentially dependent.

flagged (boolean): True if flagged

next (boolean, r/o) : If the task is the next task of its containing project, next is true.
blocked (boolean, r/o) : True if the task has a task that must be completed prior to it
being actionable.

creation date (date): When the task was created. This can only be set when the object is still in the inserted state. For objects created in the document, it can be passed with the creation properties. For objects in a quick entry tree, it can be set until the quick entry panel is saved.

modification date (date, r/o): When the task was last modified.

defer date (date or missing value): When the task should become available for action. syn start date

effective defer date (date or missing value, r/o): When the task should become available for action (including inherited).

due date (date or missing value): When the task must be finished.

- **effective due date** (date or missing value, r/o) : When the task must be finished (including inherited).
- **should use floating time zone** (boolean): When set, the due date and defer date properties will use floating time zones. (Note: if a Task has no due or defer dates assigned, this property will revert to the database's default setting.)
- **completion date** (date or missing value): The task's date of completion. This can only be modified on a completed task to backdate the completion date.
- **completed** (boolean, r/o): True if the task is completed. Use the "mark complete" and "mark incomplete" commands to change a task's status.
- **effectively completed** (boolean, r/o): True if the task is completed, or any of it's containing tasks or project are completed.
- **dropped date** (date or missing value): The date the task was dropped. This can only be modified on a dropped task to backdate the dropped date.
- **dropped** (boolean, r/o): True if the task is dropped. Use the "mark dropped" and "mark incomplete" commands to change a task's status.
- **effectively dropped** (boolean, r/o): True if the task is dropped, or any of it's containing tasks or project are dropped.
- **estimated minutes** (integer or missing value) : The estimated time, in whole minutes, that this task will take to finish.
- **repetition rule** (<u>repetition rule</u> or missing value): The repetition rule for this task, or missing value if it does not repeat.
- **next defer date** (date or missing value, r/o): The next defer date if this task repeats on a fixed schedule and it has a defer date.
- **next due date** (date or missing value, r/o): The next due date if this task repeats on a fixed schedule and it has a due date.
- **number of tasks** (integer, r/o): The number of direct children of this task.
- **number of available tasks** (integer, r/o) : The number of available direct children of this task.
- **number of completed tasks** (integer, r/o) : The number of completed direct children of this task.

RESPONDS TO

delete, mark complete, mark incomplete, mark dropped, add, remove.

forecast sidebar tree n [inh. <u>sidebar tree</u> > <u>tree</u>] : The sidebar tree used when the window's sidebar tab property is set to forecast tab.

ELEMENTS

contains forecast days.

forecast day *n* : A day in the forecast sidebar tree.

ELEMENTS

contained by <u>forecast sidebar trees</u>.

PROPERTIES

id (text): The identifier of the task.

name (text): A display name for the forecast day.

empty (boolean): True if the forecast day has no content at all. Note that some content will not cause a badge to be shown in the sidebar, and some content is controlled by user preferences.

badge count (integer): The count shown in the sidebar for this forecast day, or zero

if there is no count shown.

available task *n* [inh. <u>task</u>] : A task that is available for action. This is simply a filter on the existing tasks and should be considred a read-only element. These cannot be created directly; instead create a normal task.

remaining task *n* [inh. task]: A task that is not complete, though it may be blocked. This is simply a filter on the existing tasks and should be considred a read-only element. These cannot be created directly; instead create a normal task.

inbox task n [inh. task]: A task that is in the document's inbox

ELEMENTS

contained by documents, quick entry trees.

PROPERTIES

assigned container (item): Inbox tasks (those contained directly by the document) have a provisionally set container that is made final by the 'compact' command. This allows you to set and get said container. The container must be either a task (not in the inbox or contained by an inbox task), a project or 'missing value'.

flattened task *n* [inh. <u>task</u>] : A flattened list of tasks under a task or document.

ELEMENTS

contained by documents.

flattened project n [inh. <u>project</u> > <u>section</u>] : A flattened list of projects under a folder or document.

ELEMENTS

contained by documents.

flattened folder n [inh. <u>folder</u> > <u>section</u>] : A flattened list of folders in a document.

ELEMENTS

contained by documents.

flattened tag n [inh. tag]: A flattened list of tags in a document.

ELEMENTS

contained by documents.

sidebar tree n [inh. tree]: The tree of objects in the window sidebar.

content tree *n* [inh. <u>tree</u>] : The tree of objects in the main window content.

PROPERTIES

available grouping identifiers (list of text, r/o) : The list of possible identifiers that can be set as the selected grouping identifier.

selected grouping identifier (text): The currently selected grouping identifier, controlling how the results shown in the content area are grouped.

available sorting identifiers (list of text, r/o) : The list of possible identifiers that can be set as the selected sorting identifier.

selected sorting identifier (text): The currently selected sorting identifier, controlling how the results shown in the content area are ordered.

available task state filter identifiers (list of text, r/o) : The list of possible identifiers that can be set as the selected task state filter identifier.

selected task state filter identifier (text) : The currently selected task state filter identifier.

available task duration filter identifiers (list of text, r/o): The list of possible identifiers that can be set as the selected task duration filter identifier.

selected task duration filter identifier (text) : The currently selected task duration filter identifier.

available task flagged filter identifiers (list of text, r/o) : The list of possible identifiers that can be set as the selected task flagged filter identifier.

selected task flagged filter identifier (text) : The currently selected task flagged filter identifier.

inbox tree *n* [inh. tree]: The tree in the sidebar representing the Inbox.

library tree *n* [inh. <u>tree</u>] : The tree in the sidebar representing the top level library of objects.

perspective *n* : A perspective.

ELEMENTS

contained by <u>application</u>, <u>documents</u>.

PROPERTIES

id (text): The identifier of the perspective.name (text): The name of the perspective.

builtin perspective *n* [inh. <u>perspective</u>] : A built-in perspective.

custom perspective *n* [inh. perspective] : A user created perspective.

archive v: Write an backup archive of the document.

archive specifier: The document to archive.

in file: The file in which to archive the document.

[compression boolean] : Should the archive be written with data compression enabled? Defaults to true.

[summaries boolean] : Should the archive be written with summaries enabled? Defaults to false.

[using cache boolean]: Should the document generate new XML from its data cache? Defaults to false unless summaries are enabled.

→ specifier : The archived document.

compact *v* : Hides completed tasks and processes any inbox items that have the necessary information into projects and tasks.

compact specifier : The document to compact.

completion match n

PROPERTIES

id (text): The identifier of the matching object.name (text): The name of the matching object.

score (integer): The score of the match. Larger scores are more relevant.

xml (text) : A xml string with tags around the matched characters in the object's name.

complete *v* : Generate a list of completions given a string.

complete text: The string to complete from.

as type: The class object to complete against. 'folder', 'project', and 'tag' are supported types.

[span class text] : The XML class name to specify on elements in the result XML elements. Defaults to "match".

[maximum matches integer]: The maximum number of matches to return. Zero or negative values indicate an unlimited number of matches. Defaults to unlimited.

→ list of <u>completion match</u>: The matches.

evaluate javascript *v* : Evaluate the passed in text as JavaScript and return the result (if any).

evaluate javascript text: the script to evaluate

→ any or list of any

mark complete *v* : Mark one or more projects or tasks complete.

mark complete specifier or list of specifier : The project, task, or list of projects and tasks to mark complete.

[completion date date]: The date to use when marking the project complete.

→ specifier or list of specifier : The projects or tasks which were marked complete. For repeating projects or tasks, the a completed clone is created, and the current instance is configured for the next repetition.

mark incomplete *v* : Mark one or more projects or tasks incomplete.

mark incomplete specifier or list of specifier : The project, task, or list of projects and tasks to mark incomplete.

mark dropped *v* : Mark one or more projects or tasks as dropped.

mark dropped specifier or list of specifier : The project, task, or list of projects and tasks to mark dropped.

[dropped date date] : The date to use when marking the project dropped.

→ specifier or list of specifier: The projects or tasks which were marked dropped. For repeating projects or tasks, the a dropped clone is created, and the current instance is configured for the next repetition.

parse tasks into v : Converts a textual representation of tasks into tasks.

parse tasks into document: The document to parse tasks into.

with transport text text : The text to parse into tasks.

[as single task boolean]: If true, the entire text will only generate one task instead of being split up into multiple tasks.

 \rightarrow list of <u>task</u>: The parsed tasks.

undo v: Undo the last command.

undo specifier: The document with the command to be undone.

redo v : Redo the last undone command.

redo specifier: The document with the command to be redone.

synchronize v: Synchronizes with the shared OmniFocus sync database.

synchronize specifier: The document to synchronize with the sync database defined in Sync Preferences. (Note: synchronization is only allowed with the default document.)

import into *v* : Imports a file into an existing OmniFocus document.

import into document: The document to import into

from file: The file to import.

[at location specifier] : A section-relative location describing where to place the

imported folders and projects.

[with tags at location specifier]: Where to place the imported tags.

Omni Tree Suite AppleScript commands and classes specific to Omni's outline trees

pasteboard type *n* : A description of a pasteboard type.

PROPERTIES

id (text): the unique identifier of the pasteboard type

name (text): the localized human-readable description of the pasteboard type

tree *n* : A tree representing an object, along with its sub-trees.

ELEMENTS

contains <u>trees</u>, <u>descendant trees</u>, <u>ancestor trees</u>, <u>leaves</u>, <u>preceding siblings</u>, <u>following</u> siblings, selected trees; contained by trees.

PROPERTIES

name (text, r/o): The name of the object being represented by this tree.

id (text, r/o): The identifier of object being represented by this tree.

value (item, r/o): The object being represented by this tree.

selected (boolean): This is true if the node is selected. Note that attempts to set this while the node is not visible (collapsed parent, etc.) will silently do nothing.

expanded (boolean): This is true if the node is expanded.

note expanded (boolean): This is true if the node note is expanded.

writable pasteboard types (list of <u>pasteboard type</u>): A list of the types that can be used when writing nodes to the pasteboard (i.e., copying).

readable pasteboard types (list of <u>pasteboard type</u>): A list of the types that can be used when reading nodes from the pasteboard (i.e., pasteing).

RESPONDS TO

set, add, remove, pbpaste.

descendant tree *n* [inh. <u>tree</u>] : All the descendant trees in the user-specified sort ordering, listing each tree, then its children and so forth.

ancestor tree n [inh. $\underline{\text{tree}}$]: The ancestor trees of this tree.

leaf *n*, *pl* **leaves** [inh. <u>tree</u>] : The descendants of a tree that have no children themselves.

following sibling n [inh. <u>tree</u>]: The sibling trees of this tree after it in the user-specified sort ordering.

preceding sibling n [inh. $\underline{\text{tree}}$]: The sibling trees of this tree before it in the user-specified sort ordering.

selected tree *n* [inh. tree]: The trees of this tree that are selected in the user interface, possibly including this tree.

pbcopy v: Copies one or more nodes to the pasteboard.

pbcopy

items specifier or list of specifier : The items to copy the the pasteboard.

from tree: The tree to perform the copy.

[as text or list of text]: The list of type identifiers to use when copying the trees. If omitted, all writable pasteboard types are used.

[to text]: The name of the pasteboard to copy to.

```
pbpaste v : Pastes nodes from the pasteboard.
```

pbpaste

at location specifier: The location at which to paste the nodes. [from text]: The name of the pasteboard to paste from.

pbsave v : Saves data from the pasteboard to a file.

pbsave

in file: The file to save to.

as text : The pasteboard type to save.

[from text]: The name of the pasteboard to save from.

OmniStyle Scripting

Scripting for Omni's style framework.

color n

TIFF data n

PNG data n

archive data n

point n

PROPERTIES

x (real): The x coordinate of the point.y (real): The y coordinate of the point.

style *n* : A style object.

ELEMENTS

contains <u>named styles</u>, <u>attributes</u>.

PROPERTIES

container (item, r/o) : The object owning the style. **font** (text) : The name of the font of the style.

RESPONDS TO add, remove.

attribute n: An attribute of a style.

ELEMENTS

contained by styles.

PROPERTIES

name (text, r/o): The name of the attribute.

style (style): The style to which the attribute refers.

has local value (boolean, r/o): If true, the containing style defines a local value for this attribute.

defining style (<u>style</u>, r/o): The style responsible for the effective value in this attributes's style. This processes the local values, inherited styles and cascade chain.

value (generic color, color, text, file, point, real, list of real, integer, boolean, point, or missing value): The value of the attribute in its style.

default value (generic color, color, text, file, point, real, list of real, integer, boolean, point, or missing value): The default value of the attribute in its style.

RESPONDS TO clear.

named style *n* [inh. <u>style</u>] : A named style object.

ELEMENTS

contained by styles.

PROPERTIES

id (text, r/o): An identifier for the named style that is unique within its document. Currently this identifier is not persistent between two different sessions of editing the document.

name (text): The name of the style. Must be unique within the containing document.

generic color n

PROPERTIES

- **r** (real) : If the color is in a RGB color space, this is the calibrated floating point red component, from zero to one.
- **g** (real) : If the color is in a RGB color space, this is the calibrated floating point green component, from zero to one.
- **b** (real) : If the color is in a RGB color space, this is the calibrated floating point blue component, from zero to one.
- **w** (real): If the color is in a White color space, this is the calibrated floating point white component, from zero to one, with zero being totally black and one being totally white.
- c (real): If the color is in a CMYK color space, this is the device-specific floating point cyan component, from zero to one. There is currently no support for calibrated CYMK color spaces.
- y (real): If the color is in a CMYK color space, this is the device-specific floating point yellow component, from zero to one. There is currently no support for calibrated CYMK color spaces.
- **m** (real): If the color is in a CMYK color space, this is the device-specific floating point magenta component, from zero to one. There is currently no support for calibrated CYMK color spaces.
- **k** (real): If the color is in a CMYK color space, this is the device-specific floating point black component, from zero to one. There is currently no support for calibrated CYMK color spaces.
- h (real): If the color is in a HSV color space, this is the calibrated floating point hue

component, from zero to one.

- **s** (real) : If the color is in a HSV color space, this is the calibrated floating point saturation component, from zero to one.
- **v** (real) : If the color is in a HSV color space, this is the calibrated floating point value component, from zero to one.
- **a** (real) : The opacity or alpha of the color as a floating point number from zero to one with zero being totally transparent and one being totally opaque.

catalog (text): If the color is in a catalog color space, this is the name of the catalog.
name (text): If the color is in a catalog color space, this is the name of color with in the catalog.

png (<u>PNG data</u>): If the color is in a pattern color space, this is PNG data for the image representing the pattern.

tiff (<u>TIFF data</u>): If the color is in a pattern color space, this is TIFF data for the image representing the pattern.

archive (<u>archive data</u>): If the color cannot be represented in any other format, a binary archive is placed in this property.

Omni Text Suite

ELEMENTS

contained by <u>rich text</u>.

A set of basic classes for text processing.

```
rich text n, pl rich text [see also Extended Text Suite] : Rich (styled) text
   ELEMENTS
   contains characters, paragraphs, words, attribute runs, attachments, file attachments.
   PROPERTIES
   text (text): The plain text contents of the rich text.
   color (color): The color of the first character.
   font (text): The name of the font of the first character.
   size (integer) : The size in points of the first character.
   style (style): The style of the text.
   RESPONDS TO
   delete, insert, duplicate.
character n [inh. rich text]: This subdivides the text into characters.
   ELEMENTS
   contained by rich text.
paragraph n [inh. rich text]: This subdivides the text into paragraphs.
   FI FMFNTS
   contained by rich text.
word n [inh. <u>rich text</u>] : This subdivides the text into words.
```

attribute run n [inh. rich text]: This subdivides the text into chunks that all have the same attributes. **ELEMENTS**

contained by rich text.

attachment *n* [inh. <u>rich text</u>] : Represents an inline text attachment.

ELEMENTS

contained by rich text.

file attachment n [inh. attachment > rich text] : A text attachment referring to a plain file.

PROPERTIES

file name (file, r/o): The path to the file for the attachment, if the attachment resides outside the document.

embedded (boolean, r/o): If true, the attached file will reside inside the document on the next save.

RESPONDS TO

save.

insert v : Insert text in the middle of an existing blob of text.

insert text : the string to insert.

at location specifier: Where to insert the text.

[using style]: The style to use when inserting the text. If missing, the default style for this text will be used.

clear v : Clears a locally set value for a style attribute.

clear attribute or list of attribute : The attributes to clear.

Extended Text Suite

Extended functionality for text.

rich text n [see also Omni Text Suite]

PROPERTIES

baseline offset (real): Number of pixels shifted above or below the normal baseline.

underlined (boolean): Is the first character underlined? **superscript** (integer) : The superscript level of the text.

alignment (left/right/center/justified/natural) : Alignment of the text.

RESPONDS TO

bold, italicize, replace, unbold, underline, unitalicize, ununderline.

bold v : Bold some text

bold rich text

italicize v : Italicize some text

italicize rich text

replace v

replace rich text

[matching regular expression text] : Regular expression to find

replacement text : Replacement string

[string text] : String to find

unbold v : Unbold some text

unbold rich text

underline v: Underline some text

underline rich text

unitalicize v : Unitalicize some text

unitalicize rich text

ununderline v : Ununderline some text

ununderline rich text

OmniFoundation Scripting

OmniFoundation scripting support.

add v: Add the given object(s) to the container.

add list of specifier or specifier : the object(s) to add.

to specifier or location specifier: The container to which to add the object.

remove v: Remove the given object(s) from the container.

remove list of specifier or specifier : the object(s) to remove.

from specifier : The container from which to remove the object.

preference *n* : Application preference

ELEMENTS

contained by <u>application</u>.

PROPERTIES

id (text, r/o): The identifier of the preference.

value (text, real, integer, boolean, or missing value): The current value of the preference.

default value (text, real, integer, boolean, or missing value) : The default value of the preference.