Cumulus OLE Automation Overview

For using Cumulus Automation Objects in applications supporting OLE Automation, please refer to the file "Cumulus.tlb", which is located in the application's directory. Please find below a list of the different currently supported objects.

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Name as String

This property returns the name of the application. This is the default property.

See also Application

Fullname as String

This property returns the full path of the application's executable.

See also <u>Application</u>

Application as Object

This property returns the application object.

See also <u>Application</u>

CatalogingOptions as Object

This property returns the Cataloging Options object.

See also Application

Catalogs as Object

This property returns the collection of the application's open catalogs.

See also Application

Parent as Object

This property returns the application's <u>application</u> object as parent

See also <u>Application</u>

Preferences as Object

This property returns the application's <u>Preferences</u> object.

See also <u>Application</u>

Visible as Boolean

This property returns or sets the application's visibilty.

See also <u>Application</u>

ConnectToServer (ServerName as String, User as String, Password as String) as Object

This method connects to the specified server as the given user using the password and returns the Server object on success.

See also Application

Quit

This method quits a running application.

See also <u>Application</u>

RestoreCatalog (BackupPathName as String, PathName as String [, WriteAccessPassword as String]) as Object

This method restores a catalog backup file, opens the created catalog using an optional write access password and returns the catalog object.

See also Application

FrontCatalog as Object

This property returns the application's frontmost <u>catalog</u> object.

See also <u>Application</u>

AllowSharing as Boolean (Administrator only)

This property returns or sets the catalog's sharing state.

See also <u>Catalog</u>

Application as Object

This property returns the <u>application</u> object.

See also <u>Catalog</u>

CanDeleteRecords as Boolean

This property returns the current permission for this catalog.

See also Catalog

CanModifyCategories as Boolean

This property returns the current permission for this catalog.

See also Catalog

CanModifyRecords as Boolean

This property returns the current permission for this catalog.

See also Catalog

CanModifyStatus as Boolean

This property returns the current permission for this catalog.

See also Catalog

CatalogServer as String

This property returns the catalog server's name, if the catalog is accessed as a client. For directly opened catalogs the returned string is empty.

See also Catalog

CategoriesVisible as Boolean

This property gets or sets the category visibility state of the catalog and shows or hides the category pane in a catalog window.

See also Catalog

Categories as Object

This property returns the categories of a catalog as list, sorted by name.

See also Catalog

SelectedCategories as Object

This property returns the catalog's <u>category selection</u>.

See also <u>Catalog</u>

CategoryTree as Object

This property returns the categories of a catalog as sub-tree structure. Using this property you can parse the categories of the catalog as a hierachical structured object. The sub-categories of this category tree are the top-level categories of the catalog.

See also Catalog

CollectionFolder as String

This property returns or sets the path of the catalog's collection folder.

See also Catalog

CollectionFolderUsage as Long (Administrator only)

This property returns the current collection folder usage value.

Possible values are:

Always	= 0
AsCatalogingOption	= 1
Never	= 2

See also CollectionFolderUsageConstants, Catalog

DiskSpaceAvailable as Long (Administrator only)

This property returns the available diskspace on the catalog's volume in bytes.

See also Catalog

FlushLogConstantely as Boolean (Administrator only)

This property returns or sets the option to flush the log file after every entry.

See also Catalog

FullName as String (Administrator only)

This property returns the full pathname of the catalog.

See also Catalog

HasPassword as Boolean

This property returns, if the catalog has a write access password.

See also Catalog

IsRemoteCatalog as Boolean

This property returns, if the catalog is opened as a client.

See also Catalog

KeepCategoryNamesUnique as Boolean (Administrator only)

This property returns or sets, if duplicate category names are allowed for this catalog.

See also Catalog

KeepDeleted as Boolean (Administrator only)

This property returns or sets, if deleted records should be kept for a later recovering or if they should be deleted permanentely.

See also Catalog

LogEntries as Object (Administrator only)

This property returns the catalog's log entries collection.

See also Catalog

LogFile as String (Administrator only)

This property returns or sets the log file for the catalog.

See also Catalog

Logging as Boolean (Administrator only)

This property returns or sets, if the catalog should switch logging on or off.

See also Catalog

LogLength as Long (Administrator only)

This property returns or sets the length of the memory log.

See also Catalog

MemoryAvailable as Long (Administrator only)

This property returns the available memory at the catalog's computer in Bytes.

See also Catalog

MemoryFree as Long (Administrator only)

This property returns the amount of free memory inside the catalog file in Bytes. This space can be reclaimed by compressing the catalog.

See also Catalog

MemoryRecommended as Long (Administrator only)

This property returns the amount of RAM in Bytes the catalog needs to run efficiently.

See also Catalog

MemoryRequired as Long (Administrator only)

This property returns the amount of RAM in Bytes the catalog needs to run.

See also Catalog

Name as String

This property returns the catalog's name. This is the default property.

See also Catalog

NativeThumbnailSize as Long (Administrator only)

This property reurns or sets the native thumbnails size in pixels of the catalog, which is used for cataloging assets.

Possible values are 96, 128 or 192.

See also Catalog

Parent as Object

This property returns the catalog's parent object.

See also <u>Catalog</u>

Query as String

This property returns or sets a catalog windows query in the Findbar. A query consists of the strings, that are available in the Findbar pulldown-menus or free definable strings for the operands. The single parts are divided by a "Tab" character, the query's conditions are divided by a "Return" character.

Example:

catalog.Query = "Record Name" & vbTab & "starts with" & vbTab & "0" & vbCr _

      & "or" & vbTab & "Record Name" & vbTab & "contains" & vbTab & "8"

MsgBox catalog.Query

See also <u>Catalog</u>

Records as Object

This property returns the collection of records of a catalog.

See also Catalog

RecordsDeleted as Long (Administrator only)

This property returns the number of deleted records. These records can be reclaimed by calling RecoverDeletedRecords.

See also Catalog

SelectedCategories as Object

This property returns the category selection of a catalog.

See also Catalog

SelectedRecords as Object

This property returns the record selection of a catalog.

See also Catalog

RestrictedPermissions as Boolean (Administrator only)

This property returns or sets, if the catalog has restricted <u>user permissions</u>.

See also <u>Catalog</u>

SaveLogToFile as Boolean (Administrator only)

This property returns or sets, if the log should be saved to a file.

See also Catalog

SortDirection as Long

This property returns or sets the current sort direction of the catalog.

Possible values are:

Ascending	= 0
Descending	= 1

See also SortDirectionConstants, Catalog

Sorting as Long

This property returns or sets the current sorting of the catalog.

Possible values are:

ByName	= 0
ByFormat	= 1
ByColorMode	= 2
ByResolution	= 3
ByDate	= 4

See also SortingConstants, Catalog

UpdateCatalogImmediately as Boolean (Administrator only)

This property returns or sets, if the catalog's changes should be updated in the catalog file immediately (slower) or later (faster).

See also Catalog

UserPermissions as Object (Administrator only)

This property returns the catalog's <u>user permissions</u> collection.

See also <u>Catalog</u>

View as Long

This property returns the catalog's viewing type.

Possible values are:

Details	= 0
SmallThumbnails	= 1
MediumThumbnails	= 2
LargeThumbnails	= 3
Administration	= 4

See also ViewConstants, Catalog

Backup (PathName as String, FullBackup as Boolean) (Administrator only)

This method stores a backup copy of the catalog in the given file. If "FullBackup" is true, the catalog will be copied as a whole, otherwise only the record and category information is copied and the catalog needs to be restored before using it.

See also Catalog

Catalog (PathName as String)

This method catalogs the given file or folder.

See also Catalog

Compress (Administrator only)

This method compresses the catalog.

See also Catalog

Find (Query As String [, Boolean InFindResult]) As Long

This method launches a search. If the given "Query" string is empty, the currently assigned query of the catalog will be taken. A query consists of the strings, that are available in the Findbar pulldown-menus or free definable strings for the operands. The single parts are divided by a "Tab" character, the query's conditions are divided by a "Return" character.

The optional Boolean "InFindResult" allows to define, if the search will use the previous search result or all records of the qatalog. If no parameter is passed to the function, the search is performed in all records.

Example:

query = "Record Name" & vbTab & "starts with" & vbTab & "0" & vbCr _

      & "or" & vbTab & "Record Name" & vbTab & "contains" & vbTab & "8"

recordsFound = catalog.Find(query, False)

See also Catalog

ImportCategories (FromPathName as String)

This method imports categories from the given file.

See also Catalog

ImportRecords (FromPathName as String)

This method imports <u>records</u> from the given file.

See also <u>Catalog</u>

Rebuild (Administrator only)

This method repairs the catalog and rebuilds the indices.

See also Catalog

RecoverDeletedRecords (Administrator only)

This method recovers all deleted records from the catalog.

See also Catalog

ShowAllRecords

This method shows all records in the catalog's window, it reverses the effect of the Find method.

See also Catalog

StatusList as Object

This property returns the catalog's <u>status list</u>.

See also <u>Catalog</u>

PublishToWWW as Boolean

This property returns or sets, if the catalog is published to the World Wide Web.

See also Catalog

AddDuplicateAssets as Boolean

This property returns or sets, if duplicates of files should be cataloged or not.

See also CatalogingOptions

Application as Object

This property returns the application object.

See also CatalogingOptions

CatalogingAction as Long

This property returns or sets the action, that is used for the cataloging process.

Possible values are:

AddOnly	= 0
AddOrUpdate	= 1
UpdateOnly	= 2

See also CatalogingActionConstants, CatalogingOptions

Categories as List of String

This property returns or sets a list of preset categories.

See also CatalogingOptions

ColorThumbnailQuality as Long

This property returns or sets the thumbnail quality for creating color thumbnails.

Possible values are:

    NormalQuality   = 0
    HighQuality   = 1

See also ThumbnailQualityConstants, CatalogingOptions

CopyAssetToCollectionFolder as Boolean

This property returns or sets, if the file should be copied to the selection folder before cataloging or if the original file should be referenced.

See also CatalogingOptions

CountAssetsForProgress as Boolean

This property returns or sets, if the files of a folder or volume should be counted before cataloging to show a more detailed progress bar.

See also CatalogingOptions

ExcludeDamagedAssets as Boolean

This property returns or sets, if damaged assets that maybe cause Cumulus to crash should be added to the exclude asset list.

See also CatalogingOptions

ExcludedAssets as List of String

This property returns or sets a list of excluded asset, which will not be cataloged.

See also CatalogingOptions

FileFormatTable as Object

This property returns the file format table.

See also CatalogingOptions

GrayscaleThumbnailQuality as Long

This property returns or sets the thumbnail quality for creating grayscale thumbnails.

Possible values are:

NormalQuality   = 0
HighQuality   = 1

See also ThumbnailQualityConstants, CatalogingOptions

IncludeCategoriesFromAsset as Boolean

This property returns or sets, if <u>categories</u> contained in an asset should be added to the catalog and the created record.

See also <u>CatalogingOptions</u>

IncludeFolderNamesAsCategories as Boolean

This property returns or sets, if the folder structure of cataloged files should be created as categories and if the parent folder's category should be added to the created record.

See also CatalogingOptions

IncludeNotesFromAsset as Boolean

This property returns or sets, if notes contained in an asset should be added to the created record.

See also CatalogingOptions

LineartThumbnailQuality as Long

This property returns or sets the thumbnail quality for creating lineart thumbnails.

Possible values are:

NormalQuality   = 0
HighQuality   = 1

See also ThumbnailQualityConstants, CatalogingOptions

Notes as String

This property returns or sets the preset notes for cataloging.

See also CatalogingOptions

OpenPropertyWindow as Boolean

This property returns or sets, if after cataloging a new asset the property window should be opened automatically to allow immediate editing.

See also CatalogingOptions

OptimizeThumbnailsAutomatically as Boolean

This property returns or sets, if the thumbnails should be automatically optimized in brightness and contrast during cataloging.

See also CatalogingOptions

Parent as Object

This property returns the cataloging option's parent object.

See also CatalogingOptions

ResolveShortcuts as Boolean

This property returns or sets, if shortcuts should be resolved or ignored during cataloging.

See also CatalogingOptions

Status as String

This property returns or sets the preset status.

See also CatalogingOptions

ThumbnailSource as Long

This property returns or sets the wanted source for the created thumbnails.

Possible values are:

    FromStoredThumbnail   = 0
    FromEntireAsset   = 1

See also ThumbnailSourceConstants, CatalogingOptions

User as String

This property returns or sets the preset user for cataloging.

See also CatalogingOptions

Application as Object

This property returns the <u>application</u> object.

See also <u>Catalogs</u>

Count as Long

This property returns the number of catalogs in the collection.

See also Catalogs

Parent as Object

This property returns the catalogs' parent object.

See also Catalogs

Add (Pathname as String [,WriteAccessPassword as String]) as Object

This method allows to open a catalog file using an optional write access password and returns the catalog object (Desktop PLUS only).

See also Catalogs

Item (Index as Long / Name as String) as Object

This property returns a collection's catalog by index or by name. This is the default property.

See also Catalogs

Remove (Index as Long / Name as String)

This method closes a <u>catalog</u> of the collection (by index or by name).

See also <u>Catalogs</u>

New (Pathname as String, [CatalogName as String]) as Object

This method creates a new catalog file, opens it and returns the catalog object. The catalog name is optional, the file name willl be taken as default.

See also Catalogs

Application as Object

This property returns the application object.

See also Categories

Count as Long

This property returns the number of categories of the catalog.

See also Categories

Parent as Object

This property returns the categories' parent object.

See also <u>Categories</u>

Add as Object

This method adds a new category on the top level of a Cumulus catalog using the default category name and returns the newly created category object.

See also Categories

AddCopy (Category as Object) as Object

This method copies a category including all sub-categories and original categories on the top level of a Cumulus catalog and returns the newly created category object.

See also Categories

Item (Index as Long / Name as String) as Object

This property returns a category by index or by name. This is the default property.

See also Categories

ItemByID (ID as Long) as Object

This property returns a <u>category</u> by category ID.

See also <u>Categories</u>

Remove (Index as Long / Name as String)

This method removes a category from a Cumulus catalog by index or by name.

See also Categories

Export (Path as string)

Export exports a Cumulus catalog's categories. If the export file does not exist it is created.

See also Categories

Application as Object

This property returns the application object.

See also Category

Collapsed as Boolean

This property returns or sets the collapsed state of the category in the user interface.

See also Category

Directory as String

This property returns or sets a directory category's path.

See also Category

ID as Long

This property returns the category's internal ID.

See also Category

Level as Long

This property returns the category's level in the category tree.

See also <u>Category</u>

Name as String

This property returns or sets the category's name. This is the default property.

See also <u>Category</u>

Original as Object

This property returns or sets a related category's original <u>category</u>.

See also <u>Category</u>

Parent as Object

This property returns the category's parent object.

See also Category

ParentCategory as Object

This property returns or sets the category's parent category. The value "Nothing" means top level category.

See also Category

SubCategories as Object

This property returns the collection of sub-categories of the category.

See also Category

Type as Long

This property returns or sets the type of a category.

Possible values are:

NormalCategory	= 0
RelatedCategory	= 1 (read only)
DirectoryCategory	= 2

See also CategoryTypeConstants, Category

Export (Path as string)

Export exports a single category. If the export file does not exist it is created.

See also Category

Application as Object

This property returns the <u>application</u> object.

See also <u>FileFormatEntry</u>

DefaultBitmap as String

This property returns or sets the default bitmap, which is taken, if no thumbnail could be created for the file during cataloging.

See also FileFormatEntry

Extension as String

This property returns or sets the extension of the file format entries supported file format.

See also FileFormatEntry

FileFormat as String

This property returns or sets the file format string of the file format entry.

See also [FileFormatEntry](#)

IsActive as Boolean

This property returns or sets, if the file format entry is activated or inactive.

See also FileFormatEntry

Name as String

This property returns or sets the file format entries control name, for example "Canto Generic Filter". This is the default property.

See also [FileFormatEntry](#)

Parent as Object

This property returns the file format entries parent object.

See also FileFormatEntry

Application as Object

This property returns the <u>application</u> object.

See also <u>FileFormatTable</u>

Count as Long

This property returns the number of installed file format entries.

See also <u>FileFormatTable</u>

Add (Name as String [, AsIndex as Long]) as Object

This method adds a file format entry of the given filter control name (for example "Canto Generic Filter"). If the optional parameter AsIndex is set, it will be inserted there, otherwise at position 0. The newly created file format entry object will be returned.

See also FileFormatTable

Item (Index as Long / Name as String) as Object

This property returns a <u>file format entry</u> by index or by name. If the name consists only of the extension, the first matching file format entry will be returned, if the name consists of extension plus divider plus the filter control name, the specified entry will be returned. The divider can be one of the following characters ` ',`:' or `-'. This is the default property.

Example:

dim filter as object

set filter = theApp.CatalogingOptions.FileFormatTable ("bmp:Canto Wang Filter", 4)

See also <u>FileFormatTable</u>

Parent as Object

This property returns the file format entries parent object.

See also [FileFormatTable](#)

Remove (Index as Long / Name as String)

This property removes a file format entry by index or by name. If the name consists only of the extension, the first matching file format entry will be removed, if the name consists of extension plus divider plus the filter control name, the specified entry will be removed. The divider can be one of the following characters ` ',`:' or `-'.

Example:

theApp.CatalogingOptions.FileFormatTable.Remove ("bmp:Canto Wang Filter")

See also FileFormatTable

Application as Object

This property returns the <u>application</u> object.

See also <u>AssetReference</u>

Parent as Object

This property returns the file reference's parent object.

See also AssetReference

Text as String

This property returns the file reference's path name as string. This is the default property.

See also AssetReference

Type as String

This property returns the file reference's type as string.

It can be "MacOS" or "Windows" in the current version.

See also AssetReference

Application as Object

This property returns the application object.

See also AssetReferences

Parent as Object

This property returns the file references' parent object.

See also AssetReferences

Count as Long

This property returns the count of different file references for different platforms.

See also AssetReferences

Item (Index as Long / Name as String) as Object

This property returns a file reference by index or by name.

The name can be "MacOS" or "Windows" in the current version. This is the default property.

See also AssetReferences

Update (PathName as String)

This method updates the file references with the given path.

See also <u>AssetReferences</u>

Application as Object

This property returns the <u>application</u> object.

See also <u>LogEntries</u>

Count as Long

This property returns the number of log entries.

See also LogEntries

Parent as Object

This property returns the log entries' parent object.

See also <u>LogEntries</u>

Clear

This method clears the memory log of the catalog.

See also <u>LogEntries</u>

Save (Pathname as String)

This method saves the log to a text file. If the catalog's option "SaveLogToFile" is activated, the whole log file is saved as text file, otherwise only the memory log entries are stored.

See also LogEntries

Item (Index as Long) as Object

This property returns a <u>log entry</u> by.Index. This is the default property.

See also <u>LogEntries</u>

Action as String

This propery returns a string describing the protocolled action like "Catalog opened".

See also LogEntry

Application as Object

This property returns the <u>application</u> object.

See also <u>LogEntry</u>

Date as Date

This property returns the log entries time stamp.

See also [LogEntry](#)

Name as String

This property returns the log entries user name. This is the default property.

See also [LogEntry](#)

Object as String

This property returns the log entries additional information object, for example record name or category name.

See also <u>LogEntry</u>

Parent as Object

This property returns the log entries parent object.

See also LogEntry

Application as Object

This property returns the application object.

See also PathMapping

FromPath As String

This property returns or sets the path, that should be mapped.

See also [PathMapping](#)

Parent as Object

This property returns the path mappings parent object.

See also [PathMapping](#)

ToPath as String

This property returns or sets the path, the FromPath should be mapped to.

See also PathMapping

Application as Object

This property returns the <u>application</u> object.

See also <u>PathMappings</u>

Count as Long

This property returns the number of entries in the path mapping table.

See also PathMappings

Parent as Object

This property returns the path mappings' parent object.

See also PathMappings

Add (FromPath as String, ToPath as String) as Object

This method adds a new entry to the path mapping table using the given FromPath and ToPath strings and returns the newly created path mapping object.

See also PathMappings

Item (Index as Long / FromPath as String) as Object

This property returns a path mapping object by index or by FromPath. This is the default property.

See also PathMappings

Remove (Index as Long / FromPath as String)

This method removes a path mapping object from the table using an index or the FromPath string

See also PathMappings

Application as Object

This property returns the application object.

See also Preferences

ManualPreviewSize as Long

This property returns or sets the preview size in pixels if

 "ManualPreviewSize" is chosen as default preview size.

See also Preferences

OpenAtStartup as Boolean

This property returns or sets, if catalogs should be reopened at application start.

See also Preferences

OpenCatalogView as Long

This property returns or sets the startup view of a catalog.

Possible values are:

AdministrationView	= 0
ThumbnailView	= 1
TextView	= 2
AsClosed	= 3

See also CatalogViewConstants, Preferences

Parent as Object

This property returns the preferences' parent object.

See also [Preferences](#)

PathMappings as Object

This property returns the path mappings object.

See also Preferences

PreviewSize as Long

This property returns or sets the default size for opening preview windows.

Possible values are:

    OriginalPreviewSize   = 0
    MaximumPreviewSize   = 1
    ManualPreviewSize   = 2

See also PreviewSizeConstants, Preferences

ResolveRelatedCategories as Boolean

This property returns or sets, if related categories should be resolved for searching.

See also Preferences

SearchForCategoriesAbove as Boolean

This property returns or sets, if the category search should also find categories above.

See also Preferences

SearchForCategoriesBelow as Boolean

This property returns or sets, if the category search should also find categories below.

See also Preferences

SearchAllSelectedCategories as Boolean

this property returns or sets, if the category search should find records containing all categories or at least one.

See also Preferences

ShowTooltips as Boolean

This property returns or sets, if tooltips should be shown in thumbnail view.

See also Preferences

ShowWarnings as Boolean

This property returns or sets, if warnings should be shown.

See also <u>Preferences</u>

ThumbnailSimilarityThreshold (0 To 1) as Long

This property returns or sets, how the similarity search will find records. The default values are {10, 30}. Use smaller values to do a narrower search.

See also Preferences

Units as Long

This property returns or sets the display unit.

Possible values are:

Inch	= 0
Centimeter	= 1
Millimeter	= 2
Point	= 3
Pixel	= 4
Pica	= 5

See also UnitConstants, Preferences

UseGrid as Boolean

This property returns or sets, if a grid should be used for resizing catalog windows.

See also <u>Preferences</u>

UsePathMapping as Boolean

This property returns or sets, if the pathmapping table should be used for resolving file references.

See also <u>Preferences</u>

WindowToOpenOnDoubleClick as Long

This property returns or sets, which window kind should be

 opened on double clicking a record.

Possible values are:

    PropertyWindow   = 0
    PreviewWindow   = 1

See also OnDoubleClickConstants, Preferences

Application as Object

This property returns the <u>application</u> object.

See also <u>Record</u>

Categories as Object

This property returns the collection of the record's assigned <u>categories</u>.

See also <u>Record</u>

ColorMode as Long

This property returns or sets the record's color mode.

Possible values are:

Lineart	= 0
Grayscale	= 1
Color	= 2

See also ColorModeConstants, Record

Deletable as Boolean

This property returns or sets the record's possibility to be deleted.

See also Record

AssetCreationDate as Date

This property returns or sets the record's asset creation date.

See also <u>Record</u>

AssetDataSize as Date

This property returns or sets the asset file's data fork's size.

See also <u>Record</u>

FileFormat as String

This property returns or sets the record's file format.

See also Record

AssetModificationDate as Date

This property returns or sets the record's asset modification date.

See also Record

AssetReferences

This property returns the asset file's file references for the different platforms.

See also Record

AssetRsrcSize as Long

This property returns or sets the asset file's resource fork's size.

See also <u>Record</u>

AssetSize as Long

This property returns the asset file's size (AssetDataSize plus AssetRsrcSize).

See also Record

Height as Double

This property returns or sets the asset file's height in inches.

See also [Record](#)

HorizontalResolution as Double

This property returns or sets the asset file's horizontal resolution.

See also <u>Record</u>

ID as Long

This property returns the record's internal ID.

See also Record

MacCreator as String

This property returns or sets the record's Macintosh Creator Type (4 characters).

See also Record

MacFileType as String

This property returns or sets the record's Macintosh File Type (4 characters).

See also Record

Asset as String

This property returns or sets the record's file display path (unresolved).

See also Record

Modifiable as Boolean

This property returns or sets the record's possibility to be modified.

See also Record

Name as String

This property returns or sets the record's name. This is the default property.

See also Record

Notes as String

This property returns or sets the record's notes.

See also Record

Parent as Object

This property returns the record's parent object.

See also <u>Record</u>

RecordCreationDate as Date

This property returns or sets the record's creation date.

See also <u>Record</u>

RecordModificationDate as Date

This property returns or sets the record's modification date.

See also Record

Software as String

This property returns or sets the asset file's creating software.

See also <u>Record</u>

Status as Object

This property returns and sets the record's <u>status</u>.

To set the status of a record please use the following syntax:

set record.status = newStatus

Without "set" the name (default property) of the referenced status will be changed.

See also <u>Record</u>

TypeSpecific as String

This property returns or sets the record's type specific information as hex string.

See also <u>Record</u>

User as String

This property returns or sets the record's user name.

See also Record

VerticalResolution as Double

This property returns or sets the asset file's vertical resolution.

See also Record

Width as Double

This property returns or sets the asset file's width in inches.

See also [Record](#)

UpdateAssetReference

This method checks and updates the record's asset file's <u>file reference</u>, if the resolver modules can resolve the reference without showing a dialog.

See also <u>Record</u>

CopyAsset (ToPathName as String)

This method copies the record's asset file to the given folder path.

See also Record

CopyThumbnail

This method copies the record's thumbnail to the clipboard.

See also <u>Record</u>

Delete

This method deletes the record from the catalog.

See also Record

Deselect

This method removes the record from the catalog's <u>record selection</u>.

See also <u>Record</u>

Export (ToPathName as String)

Export exports the record's information. If the export file does not exist it is created.

See also Record

MoveAsset (ToPathName as String)

This method moves the record's asset file to the given folder path and updates the record's asset file reference.

See also Record

ShowPreviewWindow

This method shows the record's asset file's preview window in the application frame.

See also Record

OptimizeThumbnail

This method tries to optimize the record's thumbnail.

See also Record

PasteThumbnail

This method replaces the record's thumbnail with a bitmap from the clipboard.

See also Record

RotateThumbnail (ByDegrees as Long)

This method rotates the thumbnail by the given amount of degrees. The parameter must be a multiple of 90.

See also Record

Select

This method adds the record to the catalog's <u>record selection</u>.

See also <u>Record</u>

ShowPropertiesWindow

This methode shows the record's properties window.

See also Record

Update ([Always as Boolean])

This method updates the record if necessary. If the optional parameter "Always" is set to "True", it will be updated in any case.

See also Record

Application as Object

This property returns the <u>application</u> object.

See also <u>Records</u>

Count as Long

This property returns the collection's number of <u>records</u>.

See also <u>Records</u>

Parent as Object

This property returns the records' parent object.

See also <u>Records</u>

Add as Object

This method creates a new empty record (for testing purposes mainly) and returns the newly created record object.

See also Records

AddCopy (Record as Object)

This method copies a record from another catalog to this one and returns the newly created record object.

See also Records

Item (Index as Long / Name as String) as Object

This property returns a collection's record by index or by name. This is the default property.

See also Records

ItemByID (ID as Long)

This property returns a record by record ID.

See also Records

Remove (Index as Long / Name as String)

This method removes a record from the catalog by index or by name. If a name is given which specifies more than one record only the first one is deleted.

See also Records

RemoveByID (ID as Long)

This method removes a <u>record</u> from the catalog by record ID.

See also <u>Records</u>

Export (ToPathName as String)

Export exports the information of all records. If the export file does not exist it is created.

See also <u>Records</u>

Application as Object

This property returns the <u>application</u> object.

See also <u>SelectedCategories</u>

Count as Long

This property returns the number of selected categories of a Cumulus catalog or categories of a record.

See also <u>SelectedCategories</u>

Parent as Object

This property returns the selected categories' parent object.

See also SelectedCategories

Add (Category as Object)

This method adds a category to the catalog's category selection or to the categories assigned to a record and returns the category object.

See also SelectedCategories

Item (Index as Long / Name as String) as Object

This property returns a selected category by index or by name. This is the default property.

See also SelectedCategories

ItemByID (ID as Long) as Object

This property returns a selected category by category ID.

See also SelectedCategories

Remove (Index as Long / Name as String)

This method removes a category from the catalog's category selection or from a record by index or by name.

See also SelectedCategories

RemoveByID (ID as Long)

This method removes a category from the catalog's category selection or from a record by category ID.

See also SelectedCategories

Export (Path as string)

Export exports a a Cumulus catalog's selected categories or a record's assigned categories. If the export file does not exist it is created.

See also SelectedCategories

Application as Object

This property returns the application object.

See also SelectedRecords

Count as Long

This property returns the number of selected records of a Cumulus catalog.

See also SelectedRecords

Parent as Object

This property returns the selected record's parent object.

See also SelectedRecords

Add (Record as Object)

This method adds a record to the catalog's record selection and returns the record object.

See also SelectedRecords

Item (Index as Long / Name as String) as Object

This property returns a selected record by index or by name. This is the default property.

See also SelectedRecords

ItemByID (ID as Long) as Object

This property returns a selected <u>record</u> by record ID.

See also <u>SelectedRecords</u>

Remove (Index as Long / Name as String)

This method removes a record from the catalog's record selection by index or by name. If a name is given which specifies more than one record only the first one is deselected.

See also SelectedRecords

RemoveByID (ID as Long)

This method removes a record from the catalog's record selection by record ID.

See also SelectedRecords

Export   (ToPathName as String)

Export exports the record's information of all selected records. If the export file does not exist it is created.

See also SelectedRecords

Application as Object

This property returns the <u>application</u> object.

See also <u>Server</u>

Parent as Object

This property returns the server's parent object.

See also <u>Server</u>

IsAdministrator as Boolean

This property returns if the current connection to the server is an administrator's connection.

See also <u>Server</u>

Name as String

This property returns the server's name.

See also Server

Catalogs as Object

This property returns the server's collection of open catalogs.

See also Server

Application as Object

This property returns the application object.

See also ServerCatalog

Parent as Object

This property returns the server catalog's parent object.

See also ServerCatalog

Name as String

This property returns a remote catalog's name. This is the default property.

See also ServerCatalog

ID as Long

This property returns a remote catalog's ID.

See also ServerCatalog

IsShared as Boolean

This property returns a remote catalog's sharing state.

See also ServerCatalog

Open as Object

This method opens a remote catalog at the server and returns the remote catalog's catalog object.

See also ServerCatalog

Application as Object

This property returns the application object.

See also ServerCatalogs

Count as Long

This property returns the collection's count of open remote catalogs.

See also ServerCatalogs

Parent as Object

This property returns the server catalog collection's parent object.

See also <u>ServerCatalogs</u>

Add (Pathname as String [, WriteAccessPassword as String]) as Object

This method adds an existing catalog to the server's catalog list using an optional write access password and returns the server catalog.

See also ServerCatalogs

Item (Index as Long / Name as String) as Object

This property returns a collection's <u>server catalog</u> by index or by name. This is the default property.

See also <u>ServerCatalogs</u>

ItemByID (ID as Long) as Object

This property returns a collection's <u>server catalog</u> by the server catalog's ID.

See also <u>ServerCatalogs</u>

New (Pathname as String, [CatalogName as String]) as Object

This method creates a new catalog at the server, adds it to the server's catalog list and returns the server catalog. The catalog name is optional, the file name willl be taken as default.

See also ServerCatalogs

Remove (Index as Long / Name as String)

This property removes a server catalog from the collection by index or by name.

See also ServerCatalogs

RemoveByID (ID as Long)

This property removes a server catalog from the collection by the catalog's id.

See also ServerCatalogs

Restore (BackupPathName as String, PathName as String [, WriteAccessPassword as String]) as Object

This method restores a catalog backup file "BackupPathName" and creates a new catalog "PathName" at the server using an optional write access password, adds it to the server's catalog list and returns the <u>server catalog</u>.

See also <u>ServerCatalogs</u>

Application as Object

This property returns the <u>application</u> object.

See also <u>Status</u>

ID as Long

This property returns the status' internal ID.

See also Status

Name as String

This property returns the status' name. This is the default property.

See also <u>Status</u>

Parent as Object

This property returns the status' parent object.

See also <u>Status</u>

Application as Object

This property returns the <u>application</u> object.

See also <u>StatusList</u>

Count as Long

This property returns the number of the catalog's status.

See also StatusList

Parent as Object

This property returns the status list's parent object.

See also StatusList

Add (Name as String, AsIndex as Long) as Object

This method inserts a status in the catalog's status list using the given name and index and returns the status object.

See also StatusList

Item (Index as Long / Name as String) as Object

This property returns a status by index or by name. This is the default property.

See also StatusList

ItemByID (ID as Long) as Object

This property returns a <u>status</u> by status ID.

See also <u>StatusList</u>

Remove (Index as Long / Name as String)

This method removes a status from the catalog's status list by index or by name.

See also StatusList

RemoveByID (ID as Long)

This method removes a status from the catalog's status list by status ID.

See also StatusList

Application as Object

This property returns the <u>application</u> object.

See also <u>SubCategories</u>

Count as Long

This property returns the number of sub-categories in the collection.

See also <u>SubCategories</u>

Parent as Object

This property returns the sub-categories' parent object.

See also SubCategories

Add as Object

This method adds a new category to the sub-categories collection using the default category name and returns the category object.

See also SubCategories

AddCopy (Category as Object) as Object

This method copies a category including all sub-categories and original categories to the sub-categories collection and returns the category object.

See also SubCategories

Item (Index as Long / Name as String) as Object

This property returns a category by index or by name. This is the default property.

See also SubCategories

Remove (Index as Long / Name as String)

This method removes a category from the sub-categories collection by index or by name.

See also SubCategories

Application as Object

This property returns the application object.

See also UserPermission

CanDeleteRecords as Boolean

This property returns or sets, if the user is allowed to delete records in the catalog.

See also UserPermission

CanModifyCategories as Boolean

This property returns or sets, if the user is allowed to modify the category list (adding, changing or deleting categories).

See also UserPermission

CanModifyRecords as Boolean

This property returns or sets, if the user is allowed to modify records.

See also UserPermission

CanModifyStatus as Boolean

This property returns or sets, if the user is allowed to modify the <u>status list</u> by adding, changing or deleting a status.

See also <u>UserPermission</u>

CanOpenCatalog as Boolean

This property returns or sets, if the user is allowed to open the catalog.

See also UserPermission

Name as String

This property returns or sets the user's name of the user permission. This is the default property.

See also UserPermission

Parent as Object

This property returns the user permission's parent object.

See also UserPermission

Application as Object

This property returns the <u>application</u> object.

See also <u>UserPermissions</u>

Count as Long

This property returns the number of user permissions.

See also UserPermissions

Parent as Object

This property returns the user permissions' parent object.

See also UserPermissions

Add (Name as String) as Object

This method adds a new user permission to the user permission collection using the given name and returns the user permission object.

See also UserPermissions

Item (Index as Long / Name as String) as Object

This property returns a <u>user permission</u> by index or by user name. This is the default property.

See also <u>UserPermissions</u>

Remove (Index as Long / Name as String)

This method removes a user permission from the user permission collection by index or by user name.

See also UserPermissions

ColorModeConstants

These constants describe a record's color mode.

Possible values are:

Lineart	= 0,
Grayscale	= 1
Color	= 2

Application Object

This is the Cumulus Application object.

Application
CatalogingOptions
Catalogs
ConnectToServer
FrontCatalog
Fullname
Name
Parent
Preferences
RestoreCatalog
Visible
Quit

See also Overview

Catalog Object

The catalog object allows you to access an open Cumulus catalog.

AllowSharing
Application
Backup
CanDeleteRecords
CanModifyCategories
CanModifyRecords
CanModifyStatus
Catalog
CatalogServer
Categories
CategoriesVisible
CategoryTree
CollectionFolder
CollectionFolderUsage
Compress
DiskSpaceAvailable
Find
FlushLogConstantly
FullName
HasPassword
ImportCategories
ImportRecords
IsRemoteCatalog
KeepCategoryNamesUnique
KeepDeleted
LogEntries
LogFile
Logging
LogLength
MemoryAvailable
MemoryFree
MemoryRecommended
MemoryRequired
Name
NativeThumbnailSize
Parent
PublishToWWW
Query
Rebuild
RecoverDeletedRecords
Records
RecordsDeleted
RestrictedPermissions
SaveLogToFile
ShowAllRecords
SelectedCategories
SelectedRecords
SortDirection
Sorting
StatusList

UpdateCatalogImmediately
UserPermissions
View

See also Overview

Catalogs Collection

The Catalogs Collection is a collection containing Catalog objects.

Add
Application
Count
Item
New
Parent
Remove

See also Overview

Record Object

The Record Object represents a single record of a Cumulus catalog and allows access to the single record members.

See also Overview

Records Collection

The Records Collection is a collection containing Record objects.

Add
AddCopy
Application
Count
Export
Item
ItemByID
Parent
Remove
RemoveByID

See also Overview

Server Object

The server object allows connecting to a remote server and administrate or work with it.

    Application
    Catalogs
    IsAdministrator
    Name
    Parent

See also Overview

ServerCatalog Object

The ServerCatalog object allows you to access an open remote Cumulus catalog.

Application
ID
IsShared
Name
Open
Parent

See also Overview

ServerCatalogs Collection

The ServerCatalogs Collection is a collection containing ServerCatalog objects.

Add
Application
Count
Item
ItemByID
New
Parent
Remove
RemoveByID
Restore

See also Overview

SelectedRecords Collection

The SelectedRecords Collection is a collection containing the catalog's selected records.

    Add
    Application
    Count
    Export
    Item
    ItemByID
    Parent
    Remove
    RemoveByID

See also Overview

Categories Collection

The Categories Collection is a collection containing the catalog's categories as a list sorted by name.

Add
AddCopy
Application
Count
Export
Item
ItemByID
Parent
Remove

See also Overview

Category Object

The Category object allows you to access a single Category of a Cumulus catalog.

Application
Collapsed
Directory
Export
ID
Level
Name
Original
Parent
ParentCategory
SubCategories
Type

See also Overview

SubCategories Collection

The SubCategories Collection is a collection containing a categories sub-categories.

Add
AddCopy
Application
Count
Item
Parent
Remove

See also Overview

SelectedCategories Collection

The SelectedCategories Collection is a collection containing a catalog's category selection or a records's assigned categories.

Add
Application
Count
Export
Item
ItemByID
Parent
Remove
RemoveByID

See also Overview

StatusList Object

The StatusList object allows you to access the status list of a Cumulus catalog.

Add
Application
Count
Item
ItemByID
Parent
Remove
RemoveByID

See also Overview

AssetReferences Collection

The AssetReferences Collection allows you to access the single asset references for different platforms of a record.

> Application
> Count
> Item
> Parent
> Update

See also Overview

AssetReference Object

The AssetReference Object allows you to access a single asset reference for a specific platform.

> Application
> Parent
> Text
> Type

See also Overview

CatalogingOptions Object

The CatalogingOptions object allows you to access the cataloging options of Cumulus.

AddDuplicateAssets
Application
CatalogingAction
Categories
ColorThumbnailQuality
CopyAssetToCollectionFolder
CountAssetsForProgress
ExcludeDamagedAssets
ExcludedAssets
FileFormatTable
GrayscaleThumbnailQuality
IncludeCategoriesFromAsset
IncludeFolderNamesAsCategories
IncludeNotesFromAsset
LineartThumbnailQuality
Notes
OpenPropertyWindow
OptimizeThumbnailAutomatically
Parent
ResolveShortcuts
Status
ThumbnailSource
User

See also Overview

Preferences

The Preferences object allows you to access the application preferences of Cumulus.

See also Overview

Status Object

The Status object allows you to access a single status of the catalog's status list or a record.

    Application
    ID
    Name
    Parent

See also Overview

UserPermission Object

The UserPermission object allows you to access a single user permission of the catalog.

    Application
    CanDeleteRecords
    CanModifyCategories
    CanModifyRecords
    CanModifyStatus
    CanOpenCatalog
    Name
    Parent

See also Overview

UserPermissions Collection

The UserPermissions Collection allows you to access the user permissions of a catalog.

Add
Application
Count
Item
Parent
Remove

See also Overview

FileFormatEntry Object

The FileFormatEntry object allows you to access a single file format entry.

> Application
> DefaultBitmap
> Extension
> FileFormat
> IsActive
> Name
> Parent

See also Overview

FileFormatTable Collection

The FileFormatTable Collection allows you to access the file format entries.

Add
Application
Count
Item
Parent
Remove

See also Overview

LogEntry Object

The LogEntry Object allows you to access a single log entry.

Action
Application
Date
Name
Object
Parent

See also Overview

LogEntries Collection

The LogEntries Collection allows you to access a catalog's log entries.

Application
Clear
Count
Item
Parent
Save

See also Overview

PathMapping Object

The PathMapping Object allows you to access a single path mapping entry.

- Application
- FromPath
- Parent
- ToPath

See also Overview

PathMappings Collection

The PathMappings Collection allows you to access the application's path mapping table.

- [Application](#)
- [Count](#)
- [Parent](#)
- [Add](#)
- [Item](#)
- [Remove](#)

See also [Overview](#)

CategoryTypeConstants

These constants describe the type of a category.

Possible values are:

    NormalCategory   = 0
    RelatedCategory   = 1
    DirectoryCategory   = 2

CollectionFolderUsageConstants

These constants describe the type of the collection folder's usage.

Possible values are:

Always	= 0
AsCatalogingOption	= 1
Never	= 2

SortDirectionConstants

These constants describe catalog's sort direction.

Possible values are:

Ascending	= 0
Descending	= 1

SortingConstants

These constants describe catalog's sorting type.

Possible values are:

ByName	= 0
ByFormat	= 1
ByColorMode	= 2
ByResolution	= 3
ByDate	= 4

ViewConstants

These constants describe catalog's viewing type.

Possible values are:

Details	= 0
SmallThumbnails	= 1
MediumThumbnails	= 2
LargeThumbnails	= 3
Administration	= 4

ThumbnailQualityConstants

These constants describe the thumbnail quality for creating thumbnails.

Possible values are:

    NormalQuality   = 0
    HighQuality   = 1

ThumbnailSourceConstants

These constants describe the wanted source for created thumbnails.

Possible values are:

    FromStoredThumbnail   = 0
    FromEntireAsset   = 1

CatalogingActionConstants

These constants describe the action, that is used for the cataloging process.

Possible values are:

```
AddOnly         = 0
AddOrUpdate     = 1
UpdateOnly      = 2
```

CatalogViewConstants

These constants describe the startup view of a catalog.

Possible values are:

AdministrationView	= 0
ThumbnailView	= 1
TextView	= 2
AsClosed	= 3

PreviewSizeConstants

These constants describe the default size for opening preview windows.

Possible values are:

    OriginalPreviewSize   = 0
    MaximumPreviewSize   = 1
    ManualPreviewSize   = 2

UnitConstants

These constants describe the display unit.

Possible values are:

Inch	= 0
Centimeter	= 1
Millimeter	= 2
Point	= 3
Pixel	= 4
Pica	= 5

OpenOnDoubleClickConstants

These constants describe, which window kind should be opened on double clicking a record.

Possible values are:

    PropertyWindow   = 0
    PreviewWindow   = 1