

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 [Application](#)

Application as Object

This property returns the application object.

See also [Application](#)

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 [application](#) object as parent

See also [Application](#)

Preferences as Object

This property returns the application's [Preferences](#) object.

See also [Application](#)

Visible as Boolean

This property returns or sets the application's visibility.

See also [Application](#)

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 [Application](#)

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 [catalog](#) object.

See also [Application](#)

AllowSharing as Boolean (Administrator only)

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

See also [Catalog](#)

Application as Object

This property returns the [application](#) object.

See also [Catalog](#)

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 [category selection](#).

See also [Catalog](#)

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 hierarchical 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 disk space 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 permanently.

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 returns 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 [Catalog](#)

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 [Catalog](#)

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 [user_permissions](#).

See also [Catalog](#)

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 [user_permissions](#) collection.

See also [Catalog](#)

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 catalog. 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 records from the given file.

See also Catalog

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 [status.list](#).

See also [Catalog](#)

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 [categories](#) contained in an asset should be added to the catalog and the created record.

See also [CatalogingOptions](#)

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](#)

LinearThumbnailQuality as Long

This property returns or sets the thumbnail quality for creating linear 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 [application](#) object.

See also [Catalogs](#)

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 catalog of the collection (by index or by name).

See also Catalogs

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 will 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 [Categories](#)

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 [category](#) by category ID.

See also [Categories](#)

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 [Category](#)

Name as String

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

See also [Category](#)

Original as Object

This property returns or sets a related category's original [category](#).

See also [Category](#)

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 [application](#) object.

See also [FileFormatEntry](#)

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 [application](#) object.

See also [FileFormatTable](#)

Count as Long

This property returns the number of installed file format entries.

See also [FileFormatTable](#)

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 [file format entry](#) 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 [FileFormatTable](#)

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 [application](#) object.

See also [AssetReference](#)

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 [AssetReferences](#)

Application as Object

This property returns the [application](#) object.

See also [LogEntries](#)

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 [LogEntries](#)

Clear

This method clears the memory log of the catalog.

See also [LogEntries](#)

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 [log_entry](#) by.Index. This is the default property.

See also [LogEntries](#)

Action as String

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

See also [LogEntry](#)

Application as Object

This property returns the [application](#) object.

See also [LogEntry](#)

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 [LogEntry](#)

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 [application](#) object.

See also [PathMappings](#)

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 [Preferences](#)

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 [Preferences](#)

UsePathMapping as Boolean

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

See also [Preferences](#)

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 [application](#) object.

See also [Record](#)

Categories as Object

This property returns the collection of the record's assigned [categories](#).

See also [Record](#)

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 [Record](#)

AssetDataSize as Date

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

See also [Record](#)

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 [Record](#)

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 [Record](#)

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 [Record](#)

RecordCreationDate as Date

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

See also [Record](#)

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 [Record](#)

Status as Object

This property returns and sets the record's [status](#).

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 [Record](#)

TypeSpecific as String

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

See also [Record](#)

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 [file_reference](#), if the resolver modules can resolve the reference without showing a dialog.

See also [Record](#)

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 [Record](#)

Delete

This method deletes the record from the catalog.

See also [Record](#)

Deselect

This method removes the record from the catalog's [record_selection](#).

See also [Record](#)

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 [record_selection](#).

See also [Record](#)

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 [application](#) object.

See also [Records](#)

Count as Long

This property returns the collection's number of records.

See also Records

Parent as Object

This property returns the records' parent object.

See also [Records](#)

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 record from the catalog by record ID.

See also Records

Export (ToPathName as String)

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

See also [Records](#)

Application as Object

This property returns the [application](#) object.

See also [SelectedCategories](#)

Count as Long

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

See also [SelectedCategories](#)

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 record by record ID.

See also SelectedRecords

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 [application](#) object.

See also [Server](#)

Parent as Object

This property returns the server's parent object.

See also [Server](#)

IsAdministrator as Boolean

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

See also [Server](#)

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 [ServerCatalogs](#)

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 [server_catalog](#) by index or by name. This is the default property.

See also [ServerCatalogs](#)

ItemByID (ID as Long) as Object

This property returns a collection's [server_catalog](#) by the server catalog's ID.

See also [ServerCatalogs](#)

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 will 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 [server catalog](#).

See also [ServerCatalogs](#)

Application as Object

This property returns the [application](#) object.

See also [Status](#)

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 [Status](#)

Parent as Object

This property returns the status' parent object.

See also [Status](#)

Application as Object

This property returns the [application](#) object.

See also [StatusList](#)

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 [status](#) by status ID.

See also [StatusList](#)

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 [application](#) object.

See also [SubCategories](#)

Count as Long

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

See also [SubCategories](#)

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 [status_list](#) by adding, changing or deleting a status.

See also [UserPermission](#)

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 [application](#) object.

See also [UserPermissions](#)

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 [user_permission](#) by index or by user name. This is the default property.

See also [UserPermissions](#)

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.

[Application](#)
[Asset](#)
[AssetCreationDate](#)
[AssetDataSize](#)
[AssetModificationDate](#)
[AssetReferences](#)
[AssetRsrcSize](#)
[AssetSize](#)
[Categories](#)
[ColorMode](#)
[CopyAsset](#)
[CopyThumbnail](#)
[Delete](#)
[Deletable](#)
[Deselect](#)
[Export](#)
[FileFormat](#)
[Height](#)
[HorizontalResolution](#)
[ID](#)
[MacCreator](#)
[MacFileType](#)
[Modifiable](#)
[MoveAsset](#)
[Name](#)
[Notes](#)
[OptimizeThumbnail](#)
[Parent](#)
[PasteThumbnail](#)
[RecordCreationDate](#)
[RecordModificationDate](#)
[RotateThumbnail](#)
[Select](#)
[ShowPreviewWindow](#)
[ShowPropertiesWindow](#)
[Software](#)
[Status](#)
[TypeSpecific](#)
[Update](#)
[UpdateAssetReference](#)
[User](#)
[VerticalResolution](#)
[Width](#)

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](#)

[LinearThumbnailQuality](#)

[Notes](#)

[OpenPropertyWindow](#)

[OptimizeThumbnailAutomatically](#)

[Parent](#)

[ResolveShortcuts](#)

[Status](#)

[ThumbnailSource](#)

[User](#)

See also [Overview](#)

Preferences

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

[Application](#)

[ManualPreviewSize](#)

[OpenAtStartup](#)

[OpenCatalogView](#)

[Parent](#)

[PathMappings](#)

[PreviewSize](#)

[ResolveRelatedCategories](#)

[SearchAllSelectedCategories](#)

[SearchForCategoriesAbove](#)

[SearchForCategoriesBelow](#)

[ShowTooltips](#)

[ShowWarnings](#)

[ThumbnailSimilarityThreshold](#)

[Units](#)

[UseGrid](#)

[UsePathMapping](#)

[WindowToOpenOnDoubleClick](#)

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

