The Sheet Set Manager API is based on a set of COM objects. You can use the COM objects of the Sheet Set Manager to develop macros and applications that create sheet sets and perform related tasks.

AcSmSheetSetMgr allows you to open and create sheet set databases (AcSmDatabase) well as determine which databases are already open.

AcSmDatabase contains a hierachy of objects that includes subsets and sheet objects. The sheet set database also contains various properties including version information and the main sheet set object. You can call the GetSheetSet method to retrieve a pointer to the main sheet set object (AcSmSheetSet).

AcSmSheet contains a collection of subsets and sheets (AcSmSubset and AcSmSheet, respectively). AcSmSubset is a collection that can contain sheets and/or other subsets. AcSmSheet is an object that references a specific layout within a specific drawing file. A sheet object contains information about the associated drawing file name, layout name, and handle, as well as other information such as sheet number, description, and so on.

You can view the Sheet Set Manager objects in the AutoCAD VBA integrated development environment (VBA IDE) and in Microsoft Visual Studio. To view the objects using the Object Browser in the VBA IDE, add a reference to the AcSmComponents17 1.0 type library. The file, *AcSmComponents17.tlb*, is in the following folder: *C:\Program Files\Common Files\Autodesk Shared*.

A sample project that shows how to use the Sheet Set Manager objects is in the following folder: *C:\Program Files\AutoCAD* 2009\Sample\ActiveX\SheetSetVBA.

Topics in this section

- <u>Guidelines for Modifying a Sheet Set</u>
- Create or Open a Sheet Set Database

- Add a Sheet Set to a Database
- <u>Reliably Access Sheet Set Components</u>
- <u>Create a Subset</u>
- Add Custom Data



The sheet set API is a multiclient API. This means that multiple clients may be viewing and interacting with a given <u>AcSmDatabase</u> at any given time. This requires special attention as to how objects are referenced or modified in the database.

In order to make modifications to any object within the AcSmDatabase, you must lock it and then unlock it when you are finished making changes. You should only lock the database when you are ready to make changes, and you should unlock it as soon as possible. For performance reasons, you should also lock and unlock the database as few times as possible. If you need to make several modifications, lock the database, make all your changes, and then unlock it.

Because the database has multiple clients, it will be automatically reloaded from time to time as other clients make changes. When the database gets reloaded, all contained object instances are discarded and new instances are created as the database is read in.

For this reason, it is important to adhere to the following basic rule when referencing objects that reside within a sheet set database:

Never cache direct pointers to objects within a sheet set database. If you
must cache a reference to an object within a sheet set database, store the
associated IACSmObjectId instead. With an object ID, you can safely
retrieve a pointer to the associated object instance; the current instance is
always retrieved.

After a database is reloaded, a pointer to a database-resident object will be invalid. However, if you store the object ID instead, you can use it to safely retrieve a pointer to the current object instance.

The only exception to this rule is the database. You can store a pointer to the AcSmDatabaseAcSmDatabase because the database object is not destroyed and recreated during a reload operation.

You can retrieve the object ID of any database-resident object by calling the GetObjectIdGetObjectId method on the object. Conversely, you can get the associated object instance from an ID by calling the

GetPeristentObjectGetPeristentObject method. This returns a general IAcSmPersistIAcSmPersist interface pointer, which can be queried for the desired interface.

Note DST files should only be modified using Sheet Set Manager objects.

To use Sheet Set Manager objects, you must use an AcSmSheetSetMgr object and one or more AcSmDatabase objects (DST files).

After you create an AcSmSheetSetMgr object, you can use the CreateDatabase method to create an AcSmDatabaseAcSmDatabase object. Specify a file name with a DST extension. Alternatively, you can use the OpenDatabase method to open an existing database. You can also access databases that are currently open. Use the GetDatabaseEnumerator method to obtain an enumerator that provides access to the list of open databases. You can retrieve a specific open database using the FindOpenDatabase method.

In order to make changes to a database, it must be locked using the LOCkDb method. Any changes you make can be saved or rolled back using the UnlockDb method. UnLockDbUnLockDb has a Boolean Commit commit parameter that controls this behavior. If the value of the Commit commit parameter is true, then the changes will be written to the file. If you pass in false for the Commit commit parameter, the changes will be rolled back or undone by reloading the database from disk.

Warning When you unlock without commiting changes, the database is reloaded, all object instances in the database are cleared, and new objects are created as the database is read in. This means that any pointers to database-resident objects are invalid after the database has been reloaded. If you need to access database-resident objects across lock and unlock boundaries, you should store the object ID instead of a direct pointer to the object. The object ID (IAcSmObjectId) provides a means of safely referencing an object within the sheet set database. You can retrieve the object ID of any database resident object by calling the GetObjectId method on the object. Con-versely, you can get the associated object instance from an ID by calling the GetPeristentObject method.

To add a sheet set to a sheet set database, you use a locked AcSmDatabase object and the GetSheetSet method to get an AcSmSheetSet object. With the AcSmSheetSet object, you can perform operations such as adding a name and description to the sheet set.

To add a sheet to an AcSmSheetSet object, you use the AddNewSheet method or the ImportSheet method. If you use the ImportSheet method, you create an AcSmNamedAcDbObjectReference object with the appropriate file name and layout name. After calling the ImportSheet method, you must call the InsertComponent method to finish the import.

You can use the Do While structure in VBA for reliable access to sheet set components. The Microsoft Help for VBA contains examples of the Do While structure. The Microsoft Help for VBA is available from the Help menu in the VBA IDE.

To use the Do While structure to access sheet set components, you use a statement similar to Do While Not obj Is Nothing to determine if an object is available. For example, to use a Do While Not obj Is Nothing statement to iterate through objects in a collection, you could use the following code:

```
Public Function FindAllComponents(comps As Collection) As Boolean
 On Local Error GoTo etrap
If comps Is Nothing Then Set comps = New Collection
Dim iter As IAcSmEnumPersist
 Set iter = m db.GetEnumerator
 Dim obj As IAcSmPersist
 Set obj = iter.Next
 Do While Not obj Is Nothing
If TypeOf obj Is IAcSmComponent Then
 Dim comp As IAcSmComponent
 Set comp = obj
 comps.Add comp
 End If
 Set obj = iter.Next
 Loop
FindAllComponents = True
 Exit Function
etrap:
MsgBox CStr(Err.Number) & " - " & Err.Description
End Function
```

For an additional example of using the Do While structure in VBA to access sheet set components, see the sample VBA project in the *Sample\ActiveX\SheetSetVBA* directory of your AutoCAD installation.

You can create a subset (or nested subset) in a sheet set.

To create a subset, you use the CreateSubset method of the AcSmSheetSet object. The CreateSubset method creates an AcSmSubset object.

After an AcSmSubset object is created, you can add sheets to it. Create an AcSmSheetSet object and use the AddNewSheet method or the ImportSheet method. If you use the ImportSheet method, you create an AcSmNamedAcDbObjectReference object with the appropriate file name and layout name. After calling the ImportSheet method, you must call the InsertComponent method to finish the import.

To add a custom property to a sheet set, you use the

GetCustomPropertyBag method of the AcSmSheet object to create an AcSmCustomPropertyBag object. Then use the SetProperty method to set a custom property value. If you add a custom property to a sheet set and set the property flag to CUSTOM_SHEET_PROP, sheets that are within subsets of the sheet set inherit the property.

Objects

Topics in this section

- <u>A Objects</u>
- I Objects
- P Objects

A Objects

Topics in this section

- AcSmAcDbBlockRecordReference
- AcSmAcDbDatabase
- AcSmAcDbLayoutReference
- AcSmAcDbObjectReference
- AcSmAcDbViewReference
- <u>AcSmCalloutBlockReferences</u>
- AcSmCalloutBlocks
- <u>AcSmCustomPropertyBag</u>
- <u>AcSmCustomPropertyValue</u>
- AcSmDatabase
- <u>AcSmDSTFiler</u>
- AcSmEvent
- AcSmFileReference
- <u>AcSmNamedAcDbObjectReference</u>
- <u>AcSmObjectReference</u>
- AcSmPersistProxy
- AcSmPublishOptions
- AcSmResources
- AcSmSheet
- AcSmSheetSelSet
- AcSmSheetSelSets
- AcSmSheetSet

- AcSmSheetSetMgr
- AcSmSheetView
- AcSmSheetViews
- AcSmSubset
- AcSmViewCategories
- AcSmViewCategory

AcSmAcDbBlockRecordReference

Refers to a block record in a drawing file.

Methods, Properties and Events

Methods

AcSmAcDbDatabase

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

AcSmAcDbLayoutReference

Refers to a layout in a drawing file.

Methods, Properties and Events

Methods

The AcDbObject reference component.

To properly initialize an IAcSmAcDbObjectReference in order to reference a stored AcDbObject, use the SetAcDbObject method. This method initializes the NamedAcDbObjectReference, so there is no need to use the SetAcDbHandle method, SetFileName method, or SetName method.

To find a referenced object in an ACDbDatabase, use the ResolveAcDbObject method. For example, to find a layout in order to retrieve its properties, use the ResolveAcDbObject method.

Methods, Properties and Events

Methods

AcSmAcDbViewReference

Refers to a view in a drawing file.

Methods, Properties and Events

Methods

AcSmCalloutBlockReferences

Callout block references collection.

Methods, Properties and Events

Methods

AcSmCalloutBlocks

Callout blocks collection that contains IAcSmNamedAcDbObjectReference objects.

Methods, Properties and Events

Methods

Custom property bag component, which stores custom properties. Every component that derives from IAcSmComponent has a GetCustomPropertyBag method. This method returns the property bag of the component.

Methods, Properties and Events

Methods

AcSmCustomPropertyValue

Custom property value object.

Methods, Properties and Events

Methods

AcSmDatabase

Database component.

Methods, Properties and Events

Methods

AcSmDSTFiler

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

Contains events in Sheet Set Manager objects.

Methods, Properties and Events

Properties

AcSmFileReference

File reference component.

Use the **ResolveFileName** method to retrieve the fully qualified path to a resolved file name.

Methods, Properties and Events

Methods

AcSmNamedAcDbObjectReference

Stores a named ACDbObject, such as a symbol table record or a dictionary entry. The name and handle of the object are stored, so either one can be used to locate the object.

To reference a stored AcDbObject, use the SetAcDbObject. This method initializes the NamedAcDbObjectReference, so there is no need to use the SetAcDbHandle method, SetFileName method, or SetName method.

To find the referenced object in an AcDbDatabase, use the ResolveAcDbObject method.

Methods, Properties and Events

Methods

AcSmObjectReference

Object reference component.

Methods, Properties and Events

Methods

AcSmPersistProxy

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

AcSmPublishOptions

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

Resources collection that contains IAcSmFileReference objects.

Methods, Properties and Events

Methods

Sheet component.

Methods, Properties and Events

Methods

Selection set component.

Methods, Properties and Events

Methods

Selection sets collection.

Methods, Properties and Events

Methods
AcSmSheetSet

Sheet set component.

Methods, Properties and Events

Methods

Sheet Set Manager object.

Methods, Properties and Events

Methods

AcSmSheetView

Sheet view component.

Methods, Properties and Events

Methods

Sheet views collection.

Methods, Properties and Events

Methods

Subset component.

Methods, Properties and Events

Methods

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

I Objects

Topics in this section

- <u>IAcSmComponent Object</u>
- IAcSmEnumAcDbBlockRecordReference
- IAcSmEnumComponent
- IAcSmEnumDatabase
- <u>IAcSmEnumFileReference</u>
- IAcSmEnumPersist
- IAcSmEnumProperty
- <u>IAcSmEnumSheetSelSet</u>
- IAcSmEnumSheetView
- IAcSmEnumViewCategory
- IAcSmEvents
- IAcSmObjectId
- IAcSmPersist

The IAcSmComponent interface defines the basic behavior of most Sheet Set Manager objects. The IAcSmComponent derives from the IAcSmPersist interface and includes all IAcSmPersist methods.

Methods, Properties and Events

Methods

IAcSmEnumAcDbBlockRecordReference

Object enumerator for AcSmAcDbBlockRecordReference.

Methods, Properties and Events

Methods

IAcSmEnumComponent

Object enumerator for IAcSmComponent.

Methods, Properties and Events

Methods

Object enumerator for IAcSmDatabase. For an example of how to use the Next method in VBA, see <u>Reliably Access Sheet Set Components</u>

Methods, Properties and Events

Methods

IAcSmEnumFileReference

Object enumerator for IAcSmEnumFileReference.

Methods, Properties and Events

Methods

IAcSmEnumPersist

Object enumerator for IAcSmEnumPersist.

Methods, Properties and Events

Methods

IAcSmEnumProperty

Custom property enumerator interface.

Methods, Properties and Events

Methods

Object enumerator for IAcSmEnumSheetSelSet. For an example of how to use the Next method in VBA, see <u>Reliably Access Sheet Set Components</u>

Methods, Properties and Events

Methods

Object enumerator for IAcSmEnumSheetView. For an example of how to use the Next method in VBA, see <u>Reliably Access Sheet Set Components</u>

Methods, Properties and Events

Methods

IAcSmEnumViewCategory

This API was designed for internal use and has not been thoroughly tested.

Methods, Properties and Events

Methods

IAcSmEvents

The callback interface used for event notifications.

Methods, Properties and Events

Methods

IAcSmObjectId

Unique identifier for each component.

Methods, Properties and Events

Methods

The base persistence interface used by an AcSmDatabase database.

Methods, Properties and Events

Methods

Topics in this section

PropertyFlags

PropertyFlags

Custom property flags. The flags are used with the GetFlags and SetFlags methods of the AcSmCustomPropertyValue object.

Methods, Properties and Events

Properties

Methods

Topics in this section

- <u>A Methods</u>
- <u>C Methods</u>
- <u>F Methods</u>
- G Methods
- I Methods
- <u>L Methods</u>
- <u>N Methods</u>
- O Methods
- P Methods
- <u>R Methods</u>
- <u>S Methods</u>
- <u>U Methods</u>
- W Methods

A Methods

Topics in this section

- AcSmSheetSet.AddNewSheet Method
- AcSmSubset.AddNewSheet Method
- AcSmCalloutBlockReferences.Add Method
- AcSmCalloutBlocks.Add Method
- <u>AcSmResources.Add Method</u>
- AcSmSheetSelSet.Add Method
- AcSmSheetSelSets.Add Method

AcSmSheetSet.AddNewSheet Method

Constructs a new sheet component. The new sheet is not automatically inserted into the collection.

Syntax AddNewSheet(name As String, desc As String) As IAcSmSheet name Input string containing NameName value desc Input string containing the text to set as the description Please send us your comment about this page

AcSmSubset.AddNewSheet Method

Adds a new sheet component without adding it to the subset.

To add the new sheet component to the subset, use the **InsertComponent** method.

Syntax

AddNewSheet(name As String, desc As String) As	s IAcSmSheet
name	Input string containing NameName value of the new sheet
desc	Input string containing the text to set as the description
	Please send us your comment about this page

AcSmCalloutBlockReferences.Add Method

Appends the provided AcSmAcDbBlockRecordReference component to the collection.

Syntax	
Add(pBlkRef As	IAcSmAcDbBlockRecordReference) As Object
pBlkRef	Input block reference
	Please send us your comment about this page

AcSmCalloutBlocks.Add Method

Appends an IAcSmAcDbBlockRecordReference component to the collection.

Syntax	
Add(pBlkRef /	As IAcSmAcDbBlockRecordReference) As Object
pBlkRef	Input pointer to an IAcSmAcDbBlockRecordReference component to add to the collection
	Please send us your comment about this page

AcSmResources.Add Method

Appends an IAcSmFileReference component to the collection.

Syntax

Add(pResource As IAcSmFileReference) As Object

pResource

Input IAcSmFileReferenceIAcSmFileReference component to add to the collection

AcSmSheetSelSet.Add Method

Adds a component to the selection set.

Syntax

Add(comp As IAcSmComponent) As Object

comp

Input sheet or subset to be added to the selection set

Adds a new selection set component and adds the component to the sheet set.

The caller must release the interface when the operation is complete.

Syntax

Add(name As String, desc As String, selset As IAcSmSheetSelSet) As Object		
name	Input string containing the name of the selection set component to be added	
desc	Input string containing the text to set as the description of the selection set component	
selset	Output pointer to an IAcSmSheetSelSetIAcSmSheetSelSet interface	
	Please send us your comment about this page	

C Methods

Topics in this section

- AcSmAcDbBlockRecordReference.Clear Method
- <u>AcSmAcDbLayoutReference.Clear Method</u>
- <u>AcSmAcDbObjectReference.Clear Method</u>
- AcSmAcDbViewReference.Clear Method
- AcSmCalloutBlockReferences.Clear Method
- <u>AcSmCalloutBlocks.Clear Method</u>
- AcSmCustomPropertyBag.Clear Method
- <u>AcSmCustomPropertyValue.Clear Method</u>
- <u>AcSmDatabase.Clear Method</u>
- <u>AcSmFileReference.Clear Method</u>
- <u>AcSmNamedAcDbObjectReference.Clear Method</u>
- <u>AcSmObjectReference.Clear Method</u>
- <u>AcSmPersistProxy.Clear Method</u>
- <u>AcSmPublishOptions.Clear Method</u>
- <u>AcSmPublishOptions.Clear Method</u>
- <u>AcSmResources.Clear Method</u>
- <u>AcSmSheet.Clear Method</u>
- <u>AcSmSheetSelSet.Clear Method</u>
- <u>AcSmSheetSelSets.Clear Method</u>
- <u>AcSmSheetSet.Clear Method</u>
- <u>AcSmSheetView.Clear Method</u>
- <u>AcSmSheetViews.Clear Method</u>

- <u>AcSmSubset.Clear Method</u>
- <u>AcSmViewCategories.Clear Method</u>
- <u>AcSmViewCategory.Clear Method</u>
- <u>IAcSmComponent.Clear Method</u>
- <u>IAcSmPersist.Clear Method</u>
- AcSmSheetSetMgr.CloseAll Method
- <u>AcSmDSTFiler.Close Method</u>
- AcSmSheetSetMgr.Close Method
- AcSmSheetSetMgr.CreateDatabase Method
- AcSmSheetSet.CreateSubset Method
- <u>AcSmSubset.CreateSubset Method</u>
- <u>AcSmViewCategories.CreateViewCategory Method</u>

AcSmAcDbBlockRecordReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmAcDbLayoutReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object
AcSmAcDbObjectReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmAcDbViewReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmCalloutBlockReferences.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmCalloutBlocks.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmCustomPropertyBag.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmCustomPropertyValue.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmDatabase.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmFileReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmNamedAcDbObjectReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmObjectReference.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmPersistProxy.Clear Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Clear() As Object

AcSmPublishOptions.Clear Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Clear() As Object

AcSmPublishOptions.Clear Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Clear() As Object

AcSmResources.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheet.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheetSelSet.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheetSelSets.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheetSet.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheetView.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSheetViews.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmSubset.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

AcSmViewCategories.Clear Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Clear() As Object

AcSmViewCategory.Clear Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Clear() As Object

IAcSmComponent.Clear Method

Resets and cleans up the object, leaving the object uninitialized.

Syntax

Clear() As Object

Resets and cleans up the object, leaving the object uninitialized.

If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

Clear() As Object

AcSmSheetSetMgr.CloseAll Method

Closes all open databases.

Syntax

CloseAll() As Object

AcSmDSTFiler.Close Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Close(bSuccess As Boolean) As Object

bSuccess

Input Boolean

AcSmSheetSetMgr.Close Method

Closes a database.

Syntax

Close(db As IAcSmDatabase) As Object

db

Input IAcSmDatabase to close

Creates a new database (DST file) and returns the IAcSmDatabase component for the database.

The method fails if the database file exists. If the templatefileName parameter is null or is an empty ("") string, then a database file is created without a template. If the templatefileName parameter specifies a file that is not found or read, E_FAIL is returned.

The caller must release the interface when the operation is complete.

Syntax

CreateDatabase(filename As String, templatefilename As String = 0, bAlwaysCreate As Boolean = True) As IAcSmDatabase		
filename	Input file name of the database to be created	
templatefilename	Input file name of the template for the database	
bAlwaysCreate	Input Boolean indicating whether to create a new DST file even when there is an existing DST file with the same name	

AcSmSheetSet.CreateSubset Method

Constructs a new subset component. The new subset is not inserted automatically into the collection.

Syntax CreateSubset(name As String, desc As String) As IAcSmSubset

name	Input string containing Name value
desc	Input string containing the text to set as the description

Adds a new subset component without adding it to the current subset.

The caller must release the interface when the operation is complete.

Syntax

CreateSubset(name As String, desc As String) As	IAcSmSubset
name	Input string containing the Name value of the new subset component
desc	Input string containing the text to set as the description of the new subset
	Please send us your comment about this page

AcSmViewCategories.CreateViewCategory Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

```
CreateViewCategory(
name As String,
desc As String) As IAcSmViewCategory
name Input string containing
NameName value
desc Input string containing
the text to set as the
description
id Input ID
<u>Please send us your comment about this page</u>
```

F Methods

Topics in this section

- AcSmDatabase.FindObject Method
- <u>AcSmSheetSetMgr.FindOpenDatabase Method</u>

AcSmDatabase.FindObject Method

Finds an **IAcSmPersist** object based on the persisted handle of the object instance.

The caller must release the interface when the operation is complete.

Syntax	
FindObject(hand As String)	As IAcSmPersist
hand	Input object handle, or null if a new ID is requested
	Please send us your comment about this page

AcSmSheetSetMgr.FindOpenDatabase Method

Checks the open databases for a specific database.

The caller must release the interface when the operation is complete.

Syntax

```
FindOpenDatabase(
filename As String) As IAcSmDatabase
```

filename

Input file name of the open database to find
G Methods

Topics in this section

- AcSmAcDbDatabase.GetAcDbDatabase Method
- <u>AcSmAcDbBlockRecordReference.GetAcDbHandle Method</u>
- AcSmAcDbLayoutReference.GetAcDbHandle Method
- <u>AcSmAcDbObjectReference.GetAcDbHandle Method</u>
- AcSmAcDbViewReference.GetAcDbHandle Method
- <u>AcSmNamedAcDbObjectReference.GetAcDbHandle Method</u>
- AcSmAcDbBlockRecordReference.GetAcSmAcDbDatabase Method
- <u>AcSmAcDbLayoutReference.GetAcSmAcDbDatabase Method</u>
- <u>AcSmAcDbObjectReference.GetAcSmAcDbDatabase Method</u>
- <u>AcSmAcDbViewReference.GetAcSmAcDbDatabase Method</u>
- <u>AcSmNamedAcDbObjectReference.GetAcSmAcDbDatabase</u> <u>Method</u>
- AcSmSheetSet.GetAltPageSetups Method
- AcSmSheetSet.GetCalloutBlocks Method
- AcSmViewCategory.GetCalloutBlocks Method
- AcSmSheet.GetCategory Method
- AcSmSheetView.GetCategory Method
- AcSmDSTFiler.GetCurrentObjectHeaderInfo Method
- AcSmDSTFiler.GetCurrentObject Method
- <u>AcSmCalloutBlockReferences.GetCustomPropertyBag Method</u>
- <u>AcSmCalloutBlocks.GetCustomPropertyBag Method</u>
- AcSmDatabase.GetCustomPropertyBag Method

- <u>AcSmResources.GetCustomPropertyBag Method</u>
- <u>AcSmSheet.GetCustomPropertyBag Method</u>
- <u>AcSmSheetSelSet.GetCustomPropertyBag Method</u>
- <u>AcSmSheetSelSets.GetCustomPropertyBag Method</u>
- AcSmSheetSet.GetCustomPropertyBag Method
- <u>AcSmSheetView.GetCustomPropertyBag Method</u>
- <u>AcSmSheetViews.GetCustomPropertyBag Method</u>
- AcSmSubset.GetCustomPropertyBag Method
- <u>AcSmViewCategories.GetCustomPropertyBag Method</u>
- <u>AcSmViewCategory.GetCustomPropertyBag Method</u>
- IAcSmComponent.GetCustomPropertyBag Method
- <u>AcSmSheetSetMgr.GetDatabaseEnumerator Method</u>
- AcSmAcDbBlockRecordReference.GetDatabase Method
- <u>AcSmAcDbLayoutReference.GetDatabase Method</u>
- <u>AcSmAcDbObjectReference.GetDatabase Method</u>
- AcSmAcDbViewReference.GetDatabase Method
- <u>AcSmCalloutBlockReferences.GetDatabase Method</u>
- <u>AcSmCalloutBlocks.GetDatabase Method</u>
- AcSmCustomPropertyBag.GetDatabase Method
- <u>AcSmCustomPropertyValue.GetDatabase Method</u>
- AcSmDSTFiler.GetDatabase Method
- <u>AcSmDatabase.GetDatabase Method</u>
- AcSmFileReference.GetDatabase Method
- AcSmNamedAcDbObjectReference.GetDatabase Method
- AcSmObjectReference.GetDatabase Method
- AcSmPersistProxy.GetDatabase Method
- AcSmPublishOptions.GetDatabase Method
- AcSmResources.GetDatabase Method
- AcSmSheet.GetDatabase Method

- AcSmSheetSelSet.GetDatabase Method
- AcSmSheetSelSets.GetDatabase Method
- AcSmSheetSet.GetDatabase Method
- AcSmSheetView.GetDatabase Method
- AcSmSheetViews.GetDatabase Method
- AcSmSubset.GetDatabase Method
- AcSmViewCategories.GetDatabase Method
- AcSmViewCategory.GetDatabase Method
- IAcSmComponent.GetDatabase Method
- IAcSmObjectId.GetDatabase Method
- <u>IAcSmPersist.GetDatabase Method</u>
- AcSmDatabase.GetDbVersion Method
- AcSmSheetSet.GetDefAltPageSetup Method
- AcSmSheetSet.GetDefDwtLayout Method
- AcSmSubset.GetDefDwtLayout Method
- AcSmSheetSet.GetDefLabelBlk Method
- <u>AcSmPublishOptions.GetDefaultOutputdir Method</u>
- <u>AcSmViewCategories.GetDefaultViewCategory Method</u>
- AcSmCalloutBlockReferences.GetDesc Method
- <u>AcSmCalloutBlocks.GetDesc Method</u>
- AcSmDatabase.GetDesc Method
- AcSmResources.GetDesc Method
- AcSmSheet.GetDesc Method
- AcSmSheetSelSet.GetDesc Method
- AcSmSheetSelSets.GetDesc Method
- <u>AcSmSheetSet.GetDesc Method</u>
- AcSmSheetView.GetDesc Method
- <u>AcSmSheetViews.GetDesc Method</u>
- AcSmSubset.GetDesc Method

- AcSmViewCategories.GetDesc Method
- <u>AcSmViewCategory.GetDesc Method</u>
- IAcSmComponent.GetDesc Method
- <u>AcSmAcDbBlockRecordReference.GetDirectlyOwnedObjects</u> <u>Method</u>
- AcSmAcDbLayoutReference.GetDirectlyOwnedObjects Method
- <u>AcSmAcDbObjectReference.GetDirectlyOwnedObjects Method</u>
- <u>AcSmAcDbViewReference.GetDirectlyOwnedObjects Method</u>
- <u>AcSmCalloutBlockReferences.GetDirectlyOwnedObjects Method</u>
- <u>AcSmCalloutBlocks.GetDirectlyOwnedObjects Method</u>
- <u>AcSmCustomPropertyBag.GetDirectlyOwnedObjects Method</u>
- <u>AcSmCustomPropertyValue.GetDirectlyOwnedObjects Method</u>
- AcSmDatabase.GetDirectlyOwnedObjects Method
- AcSmFileReference.GetDirectlyOwnedObjects Method
- <u>AcSmNamedAcDbObjectReference.GetDirectlyOwnedObjects</u> <u>Method</u>
- <u>AcSmObjectReference.GetDirectlyOwnedObjects Method</u>
- AcSmPersistProxy.GetDirectlyOwnedObjects Method
- <u>AcSmPublishOptions.GetDirectlyOwnedObjects Method</u>
- AcSmResources.GetDirectlyOwnedObjects Method
- AcSmSheet.GetDirectlyOwnedObjects Method
- AcSmSheetSelSet.GetDirectlyOwnedObjects Method
- <u>AcSmSheetSelSets.GetDirectlyOwnedObjects Method</u>
- AcSmSheetSet.GetDirectlyOwnedObjects Method
- <u>AcSmSheetView.GetDirectlyOwnedObjects Method</u>
- AcSmSheetViews.GetDirectlyOwnedObjects Method
- AcSmSubset.GetDirectlyOwnedObjects Method
- AcSmViewCategories.GetDirectlyOwnedObjects Method
- AcSmViewCategory.GetDirectlyOwnedObjects Method

- IAcSmComponent.GetDirectlyOwnedObjects Method
- IAcSmPersist.GetDirectlyOwnedObjects Method
- AcSmSheet.GetDoNotPlot Method
- <u>AcSmPublishOptions.GetDwfType Method</u>
- AcSmCalloutBlockReferences.GetEnumerator Method
- AcSmCalloutBlocks.GetEnumerator Method
- AcSmDatabase.GetEnumerator Method
- AcSmResources.GetEnumerator Method
- AcSmSheetSelSet.GetEnumerator Method
- AcSmSheetSelSets.GetEnumerator Method
- AcSmSheetViews.GetEnumerator Method
- AcSmViewCategories.GetEnumerator Method
- AcSmAcDbBlockRecordReference.GetFileName Method
- <u>AcSmAcDbLayoutReference.GetFileName Method</u>
- <u>AcSmAcDbObjectReference.GetFileName Method</u>
- <u>AcSmAcDbViewReference.GetFileName Method</u>
- AcSmDatabase.GetFileName Method
- AcSmFileReference.GetFileName Method
- AcSmNamedAcDbObjectReference.GetFileName Method
- AcSmCustomPropertyValue.GetFlags Method
- IAcSmObjectId.GetHandle Method
- <u>AcSmAcDbDatabase.GetIAcadDatabase Method</u>
- <u>AcSmPublishOptions.GetIncludePlotStamp Method</u>
- AcSmAcDbBlockRecordReference.GetIsDirty Method
- <u>AcSmAcDbLayoutReference.GetIsDirty Method</u>
- AcSmAcDbObjectReference.GetIsDirty Method
- <u>AcSmAcDbViewReference.GetIsDirty Method</u>
- AcSmCalloutBlockReferences.GetIsDirty Method
- AcSmCalloutBlocks.GetIsDirty Method

- AcSmCustomPropertyBag.GetIsDirty Method
- AcSmCustomPropertyValue.GetIsDirty Method
- <u>AcSmDatabase.GetIsDirty Method</u>
- AcSmFileReference.GetIsDirty Method
- AcSmNamedAcDbObjectReference.GetIsDirty Method
- AcSmObjectReference.GetIsDirty Method
- AcSmPersistProxy.GetIsDirty Method
- AcSmPublishOptions.GetIsDirty Method
- AcSmResources.GetIsDirty Method
- <u>AcSmSheet.GetIsDirty Method</u>
- AcSmSheetSelSet.GetIsDirty Method
- AcSmSheetSelSets.GetIsDirty Method
- AcSmSheetSet.GetIsDirty Method
- AcSmSheetView.GetIsDirty Method
- AcSmSheetViews.GetIsDirty Method
- AcSmSubset.GetIsDirty Method
- AcSmViewCategories.GetIsDirty Method
- AcSmViewCategory.GetIsDirty Method
- IAcSmComponent.GetIsDirty Method
- IAcSmPersist.GetIsDirty Method
- AcSmDatabase.GetIsTemporary Method
- AcSmSheet.GetIssuePurpose Method
- AcSmPublishOptions.GetLayerInfo Method
- <u>AcSmSheet.GetLayout Method</u>
- AcSmDatabase.GetLockOwnerInfo Method
- AcSmDatabase.GetLockStatus Method
- AcSmAcDbBlockRecordReference.GetName Method
- AcSmAcDbLayoutReference.GetName Method
- AcSmAcDbViewReference.GetName Method

- AcSmCalloutBlockReferences.GetName Method
- AcSmCalloutBlocks.GetName Method
- AcSmDatabase.GetName Method
- <u>AcSmNamedAcDbObjectReference.GetName Method</u>
- <u>AcSmResources.GetName Method</u>
- <u>AcSmSheet.GetName Method</u>
- <u>AcSmSheetSelSet.GetName Method</u>
- AcSmSheetSelSets.GetName Method
- AcSmSheetSet.GetName Method
- AcSmSheetView.GetName Method
- AcSmSheetViews.GetName Method
- AcSmSubset.GetName Method
- AcSmViewCategories.GetName Method
- <u>AcSmViewCategory.GetName Method</u>
- IAcSmComponent.GetName Method
- AcSmSheetView.GetNamedView Method
- AcSmDatabase.GetNewObjectId Method
- AcSmSheetSet.GetNewSheetLocation Method
- AcSmSubset.GetNewSheetLocation Method
- <u>AcSmSheet.GetNumber Method</u>
- AcSmSheetView.GetNumber Method
- <u>AcSmAcDbBlockRecordReference.GetObjectId Method</u>
- <u>AcSmAcDbLayoutReference.GetObjectId Method</u>
- AcSmAcDbObjectReference.GetObjectId Method
- <u>AcSmAcDbViewReference.GetObjectId Method</u>
- AcSmCalloutBlockReferences.GetObjectId Method
- AcSmCalloutBlocks.GetObjectId Method
- AcSmCustomPropertyBag.GetObjectId Method
- <u>AcSmCustomPropertyValue.GetObjectId Method</u>

- AcSmDatabase.GetObjectId Method
- AcSmFileReference.GetObjectId Method
- AcSmNamedAcDbObjectReference.GetObjectId Method
- <u>AcSmObjectReference.GetObjectId Method</u>
- AcSmPersistProxy.GetObjectId Method
- <u>AcSmPublishOptions.GetObjectId Method</u>
- AcSmResources.GetObjectId Method
- AcSmSheet.GetObjectId Method
- <u>AcSmSheetSelSet.GetObjectId Method</u>
- AcSmSheetSelSets.GetObjectId Method
- AcSmSheetSet.GetObjectId Method
- <u>AcSmSheetView.GetObjectId Method</u>
- AcSmSheetViews.GetObjectId Method
- AcSmSubset.GetObjectId Method
- <u>AcSmViewCategories.GetObjectId Method</u>
- <u>AcSmViewCategory.GetObjectId Method</u>
- IAcSmComponent.GetObjectId Method
- IAcSmPersist.GetObjectId Method
- <u>AcSmPublishOptions.GetOutputFileName Method</u>
- <u>AcSmAcDbBlockRecordReference.GetOwnerAcDbHandle Method</u>
- <u>AcSmAcDbLayoutReference.GetOwnerAcDbHandle Method</u>
- <u>AcSmAcDbViewReference.GetOwnerAcDbHandle Method</u>
- <u>AcSmNamedAcDbObjectReference.GetOwnerAcDbHandle Method</u>
- AcSmAcDbBlockRecordReference.GetOwner Method
- <u>AcSmAcDbLayoutReference.GetOwner Method</u>
- AcSmAcDbObjectReference.GetOwner Method
- <u>AcSmAcDbViewReference.GetOwner Method</u>
- AcSmCalloutBlockReferences.GetOwner Method
- AcSmCalloutBlocks.GetOwner Method

- AcSmCustomPropertyBag.GetOwner Method
- AcSmCustomPropertyValue.GetOwner Method
- <u>AcSmDatabase.GetOwner Method</u>
- AcSmFileReference.GetOwner Method
- AcSmNamedAcDbObjectReference.GetOwner Method
- AcSmObjectReference.GetOwner Method
- AcSmPersistProxy.GetOwner Method
- AcSmPublishOptions.GetOwner Method
- AcSmResources.GetOwner Method
- AcSmSheet.GetOwner Method
- AcSmSheetSelSet.GetOwner Method
- AcSmSheetSelSets.GetOwner Method
- AcSmSheetSet.GetOwner Method
- AcSmSheetView.GetOwner Method
- AcSmSheetViews.GetOwner Method
- <u>AcSmSubset.GetOwner Method</u>
- AcSmViewCategories.GetOwner Method
- AcSmViewCategory.GetOwner Method
- IAcSmComponent.GetOwner Method
- IAcSmObjectId.GetOwner Method
- IAcSmPersist.GetOwner Method
- <u>AcSmSheetSetMgr.GetParentSheetSet Method</u>
- AcSmPublishOptions.GetPassword Method
- IAcSmObjectId.GetPersistObject Method
- AcSmSheetSet.GetProjectMilestone Method
- AcSmSheetSet.GetProjectName Method
- AcSmSheetSet.GetProjectNumber Method
- AcSmSheetSet.GetProjectPhase Method
- <u>AcSmSheetSet.GetPromptForDwgName Method</u>

- AcSmSheetSet.GetPromptForDwt Method
- AcSmSubset.GetPromptForDwt Method
- <u>AcSmPublishOptions.GetPromptForName Method</u>
- AcSmPublishOptions.GetPromptForPassword Method
- AcSmCustomPropertyBag.GetPropertyEnumerator Method
- AcSmCustomPropertyBag.GetProperty Method
- AcSmSheetSet.GetPublishOptions Method
- <u>AcSmObjectReference.GetReferenceFlags Method</u>
- AcSmObjectReference.GetReferencedObject Method
- AcSmSheetSet.GetResources Method
- AcSmSheet.GetRevisionDate Method
- <u>AcSmDSTFiler.GetRevisionNumber Method</u>
- AcSmSheet.GetRevisionNumber Method
- AcSmSheetSet.GetSheetEnumerator Method
- AcSmSubset.GetSheetEnumerator Method
- AcSmSheetSet.GetSheetSelSets Method
- AcSmDatabase.GetSheetSet Method
- <u>AcSmViewCategory.GetSheetViewEnumerator Method</u>
- AcSmSheet.GetSheetViews Method
- <u>AcSmDatabase.GetTemplateDstFileName Method</u>
- <u>AcSmSheet.GetTitle Method</u>
- AcSmSheetView.GetTitle Method
- <u>AcSmAcDbBlockRecordReference.GetTypeName Method</u>
- AcSmAcDbLayoutReference.GetTypeName Method
- <u>AcSmAcDbObjectReference.GetTypeName Method</u>
- AcSmAcDbViewReference.GetTypeName Method
- <u>AcSmCalloutBlockReferences.GetTypeName Method</u>
- AcSmCalloutBlocks.GetTypeName Method
- <u>AcSmCustomPropertyBag.GetTypeName Method</u>

- AcSmCustomPropertyValue.GetTypeName Method
- AcSmDatabase.GetTypeName Method
- AcSmFileReference.GetTypeName Method
- <u>AcSmNamedAcDbObjectReference.GetTypeName Method</u>
- <u>AcSmObjectReference.GetTypeName Method</u>
- AcSmPersistProxy.GetTypeName Method
- <u>AcSmPublishOptions.GetTypeName Method</u>
- AcSmResources.GetTypeName Method
- AcSmSheet.GetTypeName Method
- AcSmSheetSelSet.GetTypeName Method
- AcSmSheetSelSets.GetTypeName Method
- AcSmSheetSet.GetTypeName Method
- AcSmSheetView.GetTypeName Method
- AcSmSheetViews.GetTypeName Method
- AcSmSubset.GetTypeName Method
- <u>AcSmViewCategories.GetTypeName Method</u>
- AcSmViewCategory.GetTypeName Method
- <u>IAcSmComponent.GetTypeName Method</u>
- IAcSmPersist.GetTypeName Method
- <u>AcSmPublishOptions.GetUnrecognizedData Method</u>
- AcSmPublishOptions.GetUnrecognizedSections Method
- AcSmPublishOptions.GetUsePassword Method
- <u>AcSmCustomPropertyValue.GetValue Method</u>
- AcSmSheetSet.GetViewCategories Method

AcSmAcDbDatabase.GetAcDbDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetAcDbDatabase() As Object

AcSmAcDbBlockRecordReference.GetAcDbHandle Method

Retrieves the ACDbHandle of the referenced ACDbObject. The name of the referenced object may not be the current name of the object.

Syntax

GetAcDbHandle() As String

AcSmAcDbLayoutReference.GetAcDbHandle Method

Retrieves the ACDbHandle of the referenced ACDbObject. The name of the referenced object may not be the current name of the object.

Syntax

GetAcDbHandle() As String

AcSmAcDbObjectReference.GetAcDbHandle Method

Retrieves the AcDbHandle of the referenced AcDbObject. The name of the referenced object may not be the current name of the object.

Syntax

GetAcDbHandle() As String

AcSmAcDbViewReference.GetAcDbHandle Method

Retrieves the ACDbHandle of the referenced ACDbObject. The name of the referenced object may not be the current name of the object.

Syntax

GetAcDbHandle() As String

AcSmNamedAcDbObjectReference.GetAcDbHandle Method

Retrieves the AcDbHandle of the referenced AcDbObject. The name of the referenced object may not be the current name of the object.

Syntax

GetAcDbHandle() As String

AcSmAcDbBlockRecordReference.GetAcSmAcDbDatab Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.

Syntax

GetAcSmAcDbDatabase() As AcSmAcDbDatabase

AcSmAcDbLayoutReference.GetAcSmAcDbDatabase Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.

Syntax

GetAcSmAcDbDatabase() As AcSmAcDbDatabase

AcSmAcDbObjectReference.GetAcSmAcDbDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetAcSmAcDbDatabase() As AcSmAcDbDatabase

AcSmAcDbViewReference.GetAcSmAcDbDatabase Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.

Syntax

GetAcSmAcDbDatabase() As AcSmAcDbDatabase

AcSmNamedAcDbObjectReference.GetAcSmAcDbDatat Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.

Syntax

GetAcSmAcDbDatabase() As AcSmAcDbDatabase

AcSmSheetSet.GetAltPageSetups Method

Retrieves the IAcSmFileReference component that references the template containing alternative page setups.

The caller must release the allocated memory when the operation is complete.

Syntax

GetAltPageSetups() As IAcSmFileReference

AcSmSheetSet.GetCalloutBlocks Method

Returns a collection of callout block references that are associated with the sheet set.

The caller must release the interface when the operation is complete.

Syntax

GetCalloutBlocks() As IAcSmCalloutBlocks

AcSmViewCategory.GetCalloutBlocks Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetCalloutBlocks() As IAcSmCalloutBlocks

AcSmSheet.GetCategory Method

Retrieves the Category Category property. Returns S_OK if successful.

Syntax

GetCategory(pVal As BSTR*) As HRESULT

pVal

Output pointer to a string containing the value of the CategoryCategory property

AcSmSheetView.GetCategory Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetCategory() As IAcSmViewCategory

AcSmDSTFiler.GetCurrentObjectHeaderInfo Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

```
GetCurrentObjectHeaderInfo(
names As String(),
values As String()) As Object
```

names	Output pointer to a SAFEARRAY of strings containing the names of the header entries of the object
values	Output pointer to a SAFEARRAY of strings containing the values of the header entries of the object

AcSmDSTFiler.GetCurrentObject Method

This API was designed for internal use and has not been thoroughly tested.

The caller must release the **IAcSmPersist** object when the operation is completed.

Syntax

GetCurrentObject() As IAcSmPersist

AcSmCalloutBlockReferences.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmCalloutBlocks.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmDatabase.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmResources.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheetSelSet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheetSelSets.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag
AcSmSheetSet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheetView.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheetViews.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSubset.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmViewCategories.GetCustomPropertyBag Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmViewCategory.GetCustomPropertyBag Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

IAcSmComponent.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

The caller must release the IAcSmPropertyBag object when the operation is completed.

Syntax

GetCustomPropertyBag() As IAcSmCustomPropertyBag

AcSmSheetSetMgr.GetDatabaseEnumerator Method

Returns an enumerator of the currently open IAcSmDatabase components handled by the manager.

The caller must release the interface when the operation is complete.

Syntax

GetDatabaseEnumerator() As IAcSmEnumDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

AcSmCalloutBlockReferences.GetDatabase Method

Retrieves the parent IACSmDatabase object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

AcSmCustomPropertyValue.GetDatabase Method

Retrieves the parent IACSmDatabase object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDatabase() As IAcSmDatabase

AcSmDSTFiler.GetDatabase Method

This API was designed for internal use and has not been thoroughly tested.

The caller must release the IAcSmDatabase object when the operation is completed.

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

AcSmObjectReference.GetDatabase Method

Retrieves the parent IACSmDatabase object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDatabase() As IAcSmDatabase

AcSmPersistProxy.GetDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDatabase() As IAcSmDatabase

AcSmPublishOptions.GetDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDatabase() As IAcSmDatabase

AcSmViewCategories.GetDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDatabase() As IAcSmDatabase

AcSmViewCategory.GetDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDatabase() As IAcSmDatabase

Syntax

GetDatabase() As IAcSmDatabase

The caller must release the interface when the operation is complete.

Syntax

GetDatabase() As IAcSmDatabase

The caller must release the IACSmDatabase object when the operation is completed.

Syntax

GetDatabase() As IAcSmDatabase
AcSmDatabase.GetDbVersion Method

Gets the version number of an AcSmDatabase.

Syntax

GetDbVersion() As String

AcSmSheetSet.GetDefAltPageSetup Method

Retrieves the IAcSmNamedAcDbObjectReference component that references the default page setup within the template containing alternative page setups.

Syntax

GetDefAltPageSetup() As IAcSmNamedAcDbObjectReference

AcSmSheetSet.GetDefDwtLayout Method

Returns the IAcSmNamedAcDbObjectReference that points to the AcDbLayout to be used as a template for new sheet creation.

Syntax

GetDefDwtLayout() As IAcSmNamedAcDbObjectReference

AcSmSubset.GetDefDwtLayout Method

Returns the IAcSmNamedAcDbObjectReference that points to the layout used as a template for new sheets.

The caller must release the interface when operations are complete.

Syntax

GetDefDwtLayout() As IAcSmNamedAcDbObjectReference

AcSmSheetSet.GetDefLabelBlk Method

Returns the IAcSmNamedAcDbObjectReference component that references the label block definition for the sheet set.

The caller must release the interface when the operation is complete.

Syntax

GetDefLabelBlk() As IAcSmNamedAcDbObjectReference

AcSmPublishOptions.GetDefaultOutputdir Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDefaultOutputdir() As String

AcSmViewCategories.GetDefaultViewCategory Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDefaultViewCategory() As IAcSmViewCategory

AcSmCalloutBlockReferences.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmCalloutBlocks.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmDatabase.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmResources.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheet.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheetSelSet.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheetSelSets.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheetSet.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheetView.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSheetViews.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmSubset.GetDesc Method

Retrieves the description of the component.

Syntax

GetDesc() As String

AcSmViewCategories.GetDesc Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDesc() As String

AcSmViewCategory.GetDesc Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDesc() As String

IAcSmComponent.GetDesc Method

Retrieves the description of the component.

The caller must release the allocated memory when the operation is complete.

Syntax

GetDesc() As String

AcSmAcDbBlockRecordReference.GetDirectlyOwnedOb Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(objects As Object) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmAcDbLayoutReference.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(objects As Object) As Object

objects

Output SAFEARRAY of the IUnknownIUnknown pointers of the directly owned objects

AcSmAcDbObjectReference.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknownIUnknown pointers of the directly owned objects

AcSmAcDbViewReference.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(objects As Object) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmCalloutBlockReferences.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknownIUnknown pointers of the directly owned objects

AcSmCalloutBlocks.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects	Output SAFEARRAY of the IUnknownIUnknown
	pointers of the directly owned objects

AcSmCustomPropertyBag.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmCustomPropertyValue.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmDatabase.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmFileReference.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmNamedAcDbObjectReference.GetDirectlyOwnedOl Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmObjectReference.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmPersistProxy.GetDirectlyOwnedObjects Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmPublishOptions.GetDirectlyOwnedObjects Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDirectlyOwnedObjects(objects As Unknown) As Object

objects

Output array of directly owned objects

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects
AcSmSheet.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmSheetSelSet.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmSheetSelSets.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmSheetSet.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OKS_OK. If the parent database cannot be found, S_FALSES_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

Output SAFEARRAY
of the IUnknown
pointers of the directly
owned objects

AcSmSheetView.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly
	owned objects

AcSmSheetViews.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

Output SAFEARRAY
of the IUnknown
pointers of the directly
owned objects

AcSmSubset.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY
	of the IUnknown
	pointers of the directly owned objects
	owned objects

AcSmViewCategories.GetDirectlyOwnedObjects Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

AcSmViewCategory.GetDirectlyOwnedObjects Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects

Output SAFEARRAY of the IUnknown pointers of the directly owned objects

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

objects	Output SAFEARRAY of the IUnknown
	pointers of the directly owned objects

IAcSmPersist.GetDirectlyOwnedObjects Method

Returns an array of the directly owned objects. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetDirectlyOwnedObjects(
 objects As Object()) As Object

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AcSmSheet.GetDoNotPlot Method

Retreives a flag indicating whether a sheet should be skipped during plotting and publishing.

Syntax

GetDoNotPlot() As Boolean

AcSmPublishOptions.GetDwfType Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetDwfType() As Boolean

AcSmCalloutBlockReferences.GetEnumerator Method

Returns an enumerator of the contained IAcSmNamedAcDbObjectReference components in the collection.

Syntax

GetEnumerator() As IAcSmEnumNamedAcDbObjectReference

AcSmCalloutBlocks.GetEnumerator Method

Returns an enumerator of the contained IAcSmNamedAcDbObjectReference components in the collection.

The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumNamedAcDbObjectReference

AcSmDatabase.GetEnumerator Method

Returns an enumerator of all objects in the database.

The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumPersist

AcSmResources.GetEnumerator Method

Returns an enumerator of the contained IAcSmFileReference components in the collection.

The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumFileReference

AcSmSheetSelSet.GetEnumerator Method

Returns an enumerator of the components in the selection set.

The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumComponent

AcSmSheetSelSets.GetEnumerator Method

Returns an enumerator of the selection sets in the collection.

The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumSheetSelSet

AcSmSheetViews.GetEnumerator Method

Returns an enumerator of the contained sheet views in the collection. The caller must release the interface when the operation is complete.

Syntax

GetEnumerator() As IAcSmEnumSheetView

AcSmViewCategories.GetEnumerator Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetEnumerator() As IAcSmEnumViewCategory

AcSmAcDbBlockRecordReference.GetFileName Method

Retrieves the file name property of this file reference.

Syntax

GetFileName() As String

AcSmAcDbLayoutReference.GetFileName Method

Retrieves the file name property of this file reference.

Syntax

GetFileName() As String

AcSmAcDbObjectReference.GetFileName Method

Retrieves the file name property of this file reference.

Syntax

GetFileName() As String

AcSmAcDbViewReference.GetFileName Method

Retrieves the file name property of this file reference.

Syntax

GetFileName() As String

AcSmDatabase.GetFileName Method

Retrieves the file name of the database.

Syntax

GetFileName() As String

AcSmFileReference.GetFileName Method

Retrieves the file name that this object references.

Syntax

GetFileName() As String

AcSmNamedAcDbObjectReference.GetFileName Method

Retrieves the file name property of this file reference.

Syntax

GetFileName() As String

AcSmCustomPropertyValue.GetFlags Method

Retrieves a combination of PropertyFlags enum values associated with the custom property.

Syntax

GetFlags() As __MIDL__MIDL_itf_AcSmComponents_0264_0001

IAcSmObjectId.GetHandle Method

Retrieves the persisted, unique handle.

Syntax

GetHandle() As String

AcSmAcDbDatabase.GetIAcadDatabase Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIAcadDatabase() As AcadDatabase

AcSmPublishOptions.GetIncludePlotStamp Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIncludePlotStamp() As Boolean

AcSmAcDbBlockRecordReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmAcDbLayoutReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmAcDbObjectReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmAcDbViewReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabaseAcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean
AcSmCalloutBlockReferences.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmCalloutBlocks.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmCustomPropertyBag.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmCustomPropertyValue.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmDatabase.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabaseAcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmFileReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmNamedAcDbObjectReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmObjectReference.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmPersistProxy.GetIsDirty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIsDirty() As Boolean

AcSmPublishOptions.GetIsDirty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIsDirty() As Boolean

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheet.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheetSelSet.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheetSelSets.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheetSet.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheetView.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSheetViews.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmSubset.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmViewCategories.GetIsDirty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIsDirty() As Boolean

AcSmViewCategory.GetIsDirty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetIsDirty() As Boolean

IAcSmComponent.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

IAcSmPersist.GetIsDirty Method

If VARIANT_TRUE is returned, then the persistable component was modified and is committed when the owner AcSmDatabase is unlocked.

Syntax

GetIsDirty() As Boolean

AcSmDatabase.GetIsTemporary Method

Retrieves a flag indicating a non-persisted database.

Syntax

GetIsTemporary() As Boolean

AcSmSheet.GetIssuePurpose Method

Retrieves the IssuePurpose property. Returns S_OK if successful.

Syntax

GetIssuePurpose(pVal As BSTR*) As HRESULT

pVal

Output pointer to a string containing the value of the IssuePurpose property

AcSmPublishOptions.GetLayerInfo Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetLayerInfo() As Boolean

AcSmSheet.GetLayout Method

Returns the IAcSmNamedAcDbObjectReference object, which references the drawing and layout associated with the sheet component.

The caller must release the interface when the operation is completed.

Syntax

GetLayout() As IAcSmNamedAcDbObjectReference

AcSmDatabase.GetLockOwnerInfo Method

Returns the user name and machine name of the lock owner.

Syntax

```
GetLockOwnerInfo(
pstrUserName As String,
pstrMachineName As String) As Object
```

pstrUserName	Output user name of the user who locked the database
pstrMachineName	Output machine name of the user who locked the database

AcSmDatabase.GetLockStatus Method

Retrieves the lock status of the database.

Syntax

GetLockStatus() As AcSmLockStatus

AcSmAcDbBlockRecordReference.GetName Method

Retrieves the name of the referenced object. The name of the referenced object might not be the current name of the object.

Syntax

GetName() As String

AcSmAcDbLayoutReference.GetName Method

Retrieves the name of the referenced object. The name of the referenced object might not be the current name of the object.

Syntax

GetName() As String

AcSmAcDbViewReference.GetName Method

Retrieves the name of the referenced object. The name of the referenced object might not be the current name of the object.

Syntax

GetName() As String

AcSmCalloutBlockReferences.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmCalloutBlocks.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmDatabase.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmNamedAcDbObjectReference.GetName Method

Retrieves the name of the referenced object. The name of the referenced object might not be the current name of the object.

Syntax

GetName() As String

AcSmResources.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String
AcSmSheet.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmSheetSelSet.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmSheetSelSets.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmSheetSet.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmSheetView.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmSheetViews.GetName Method

Retrieves the NameName property of the component.

Syntax

GetName() As String

AcSmSubset.GetName Method

Retrieves the Name property of the component.

Syntax

GetName() As String

AcSmViewCategories.GetName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetName() As String

AcSmViewCategory.GetName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetName() As String

IAcSmComponent.GetName Method

Retrieves the Name property of the component.

The caller must release the allocated memory when the operation is complete.

Syntax

GetName() As String

AcSmSheetView.GetNamedView Method

Returns an IAcSmNamedAcDbObjectReference that points to the named AcDbView object on the sheet referenced by the sheet view component.

The caller must release the returned interface when the operation is complete.

Syntax

GetNamedView() As IAcSmNamedAcDbObjectReference

AcSmDatabase.GetNewObjectId Method

Retrieves the IAcSmObjectId for a handle or generates a new ID.

The caller must release the interface when the operation is complete.

Syntax

GetNewObjectId(hand As String, idcookie As Long) As IAcSmObjectId hand Input object handle, or null if a new ID is requested idcookie Output returned cookie from the database to use as a security key for changing ownership and for other access to the object ID properties

AcSmSheetSet.GetNewSheetLocation Method

Returns the IAcSmFileReference that points to the file system location where new sheets will be created.

Syntax

GetNewSheetLocation() As IAcSmFileReference

AcSmSubset.GetNewSheetLocation Method

Returns the IAcSmFileReference that points to the location in the file system where new sheets are created.

The caller must release the interface when operations are complete.

Syntax

GetNewSheetLocation() As IAcSmFileReference

AcSmSheet.GetNumber Method

Retrieves the Number property of the sheet.

Syntax

GetNumber() As String

AcSmSheetView.GetNumber Method

Retrieves the Number property of the sheet view.

Syntax

GetNumber() As String

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

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Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

AcSmCustomPropertyValue.GetObjectId Method

Retrieves the IAcSmObjectId of the object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

AcSmPersistProxy.GetObjectId Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetObjectId() As IAcSmObjectId

AcSmPublishOptions.GetObjectId Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IAcSmObjectIdIAcSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId
Retrieves the IAcSmObjectId of the object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

Retrieves the IAcSmObjectId of the object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

AcSmViewCategories.GetObjectId Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetObjectId() As IAcSmObjectId

AcSmViewCategory.GetObjectId Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetObjectId() As IAcSmObjectId

Retrieves the IAcSmObjectId of the object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

Retrieves the IAcSmObjectId of the object. If the method succeeds, the return value is S_OK. If the parent database cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IACSmObjectId object when the operation is completed.

Syntax

GetObjectId() As IAcSmObjectId

AcSmPublishOptions.GetOutputFileName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetOutputFileName() As IAcSmFileReference

AcSmAcDbBlockRecordReference.GetOwnerAcDbHand Method

Retrieves the AcDbHandle of the parent AcDbObject of the referenced object.

Syntax

GetOwnerAcDbHandle() As String

AcSmAcDbLayoutReference.GetOwnerAcDbHandle Method

Retrieves the AcDbHandle of the parent AcDbObject of the referenced object.

Syntax

GetOwnerAcDbHandle() As String

AcSmAcDbViewReference.GetOwnerAcDbHandle Method

Retrieves the AcDbHandle of the parent AcDbObject of the referenced object.

Syntax

GetOwnerAcDbHandle() As String

AcSmNamedAcDbObjectReference.GetOwnerAcDbHanc Method

Retrieves the AcDbHandle of the parent AcDbObject of the referenced object.

Syntax

GetOwnerAcDbHandle() As String

AcSmAcDbBlockRecordReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmAcDbLayoutReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmAcDbObjectReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmAcDbViewReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmCalloutBlockReferences.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmCalloutBlocks.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmCustomPropertyBag.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmCustomPropertyValue.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmDatabase.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmFileReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmNamedAcDbObjectReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmObjectReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmPersistProxy.GetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetOwner() As IAcSmPersist

AcSmPublishOptions.GetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetOwner() As IAcSmPersist

AcSmResources.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheet.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetSelSet.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetSelSets.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetSet.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetView.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetViews.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmSubset.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist

AcSmViewCategories.GetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetOwner() As IAcSmPersist

AcSmViewCategory.GetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetOwner() As IAcSmPersist

IAcSmComponent.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

Syntax

GetOwner() As IAcSmPersist
IAcSmObjectId.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

The caller must release the interface when the operation is complete.

Syntax

GetOwner() As IAcSmPersist

Retrieves a pointer to the owning IAcSmPersist parent object.

If the method succeeds, the return value is S_OK. If the pointer to the owning IACSmPersist parent object cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

Syntax

GetOwner() As IAcSmPersist

AcSmSheetSetMgr.GetParentSheetSet Method

Attempts to find a sheet set that references a file name and layout. Any hints saved in the drawing are used.

The caller must release the interface when the operation is complete.

Syntax

GetParentSheetSet(dwg As String, layout As String, sheetSet As AcSmSheetSet) As IAcSmSheetSet	
dwg	Input file name of the drawing that contains the layout
layout	Input name of the layout
sheetSet	Output sheet set that references the file name and layout
	Please send us your comment about this page

AcSmPublishOptions.GetPassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetPassword() As String

IAcSmObjectId.GetPersistObject Method

Returns a pointer to the instance of the IAcSmPersist component identified by the IAcSmObjectId.

The caller must release the interface when the operation is complete.

Syntax

GetPersistObject() As IAcSmPersist

AcSmSheetSet.GetProjectMilestone Method

Retrieves the ProjectMilestone property. Returns S_OK if successful.

Syntax

GetProjectMilestone(pVal As BSTR*) As HRESULT

pVal Output pointer to a string containing the value of the ProjectMilestoneProjectMilestone property

AcSmSheetSet.GetProjectName Method

Retrieves the project name associated with this sheet set. Returns S_OK if successful.

 Syntax

 GetProjectName(pVal As BSTR*) As HRESULT

 pVal
 Output pointer to a string containing the value of the ProjectNameProjectName property

 Please send us your comment about this page

AcSmSheetSet.GetProjectNumber Method

Retrieves the project number associated with this sheet set. Returns S_OK if successful.

Syntax

GetProjectNumber(pVal As BSTR*) As HRESULT

pVal Output pointer to a string containing the value of the ProjectNumberProjectNumber property

AcSmSheetSet.GetProjectPhase Method

Retrieves the ProjectPhase property. Returns S_OK if successful.

Syntax

GetProjectPhase(pVal As BSTR*) As HRESULT

pVal Output pointer to a string containing the value of the ProjectPhaseProjectPhase property

AcSmSheetSet.GetPromptForDwgName Method

Retrieves the flag indicating whether the user interface should prompt for the name of a new drawing.

Syntax

GetPromptForDwgName() As Boolean

AcSmSheetSet.GetPromptForDwt Method

Returns the Boolean flag that indicates if the application should prompt for DWT file.

Syntax

GetPromptForDwt() As Boolean

AcSmSubset.GetPromptForDwt Method

Returns a Boolean flag indicating if the application should prompt for a DWT file.

Syntax

GetPromptForDwt() As Boolean

AcSmPublishOptions.GetPromptForName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetPromptForName() As Boolean

AcSmPublishOptions.GetPromptForPassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetPromptForPassword() As Boolean

AcSmCustomPropertyBag.GetPropertyEnumerator Method

Returns an enumerator of all the contained properties. After an element is returned using the Next method, you can perform operations on it.

The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

The caller must release the allocated memory when the operation is complete.

Syntax

GetPropertyEnumerator() As IAcSmEnumProperty

AcSmCustomPropertyBag.GetProperty Method

Retrieves the IAcSmCustomPropertyValue specified with the Name parameter. If the method succeeds, the return value is S_OK. If the custom property value cannot be found, S_FALSE is returned and the provided pointer is populated with null. All other return values indicate an error condition.

The caller must release the IAcSmCustomPropertyValue interface when the operation is completed.

Syntax

GetProperty(name As String) As IAcSmCustomPropertyValue

name

Input string containing Name value of a property

AcSmSheetSet.GetPublishOptions Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetPublishOptions() As IAcSmPublishOptions

AcSmObjectReference.GetReferenceFlags Method

Retrieves the reference flags to determine the type of referencing used, hard referencing or soft referencing.

Syntax

GetReferenceFlags() As AcSmObjectReferenceFlags

AcSmObjectReference.GetReferencedObject Method

Retrieves the referenced IAcSmPersist object.

The caller must release the interface when the operation is complete.

Syntax

GetReferencedObject() As IAcSmPersist

AcSmSheetSet.GetResources Method

Returns a collection of the resources associated with the sheet set.

The caller must release the interface when the operation is complete.

Syntax

GetResources() As IAcSmResources

AcSmSheet.GetRevisionDate Method

Retrieves the RevisionDate property. Returns S_OK if successful.

Syntax

GetRevisionDate(pVal As BSTR*) As HRESULT

pVal Output pointer to a string containing the value of the RevisionDateRevisionDate property

AcSmDSTFiler.GetRevisionNumber Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetRevisionNumber() As Long

AcSmSheet.GetRevisionNumber Method

Retrieves the RevisionNumber property. Returns S_OK if successful.

Syntax

GetRevisionNumber(pVal As BSTR*) As HRESULT

pVal

Output pointer to a string containing the value of the RevisionNumber property

AcSmSheetSet.GetSheetEnumerator Method

Returns an enumerator of all components contained in this subset (ordered).

Syntax

GetSheetEnumerator() As IAcSmEnumComponent

AcSmSubset.GetSheetEnumerator Method

Returns an enumerator of all components in this subset.

The caller must release the interface when the operation is complete.

Syntax

GetSheetEnumerator() As IAcSmEnumComponent

AcSmSheetSet.GetSheetSelSets Method

Returns a collection of the sheet selection sets associated with the sheet set. The caller must release the interface when the operation is complete.

Syntax

GetSheetSelSets() As IAcSmSheetSelSets

AcSmDatabase.GetSheetSet Method

Retrieves the IAcSmSheetSet component contained in the database.

The caller must release the interface when the operation is complete.

Syntax

GetSheetSet() As IAcSmSheetSet

AcSmViewCategory.GetSheetViewEnumerator Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetSheetViewEnumerator() As IAcSmEnumSheetView

AcSmSheet.GetSheetViews Method

Retreives the sheet views collection of the sheet.

The caller must release the interface when the operation is complete.

Syntax

GetSheetViews() As IAcSmSheetViews

AcSmDatabase.GetTemplateDstFileName Method

Gets the file name of the template DST file specified with the LoadFromFile method when the database object was created.

This is a read-only value that is set only when a database object is initially loaded from a template.

Syntax

GetTemplateDstFileName() As String

AcSmSheet.GetTitle Method

Retrieves the title of the sheet.

Syntax

GetTitle() As String

AcSmSheetView.GetTitle Method

Retrieves the Title property of the sheet view.

Syntax

GetTitle() As String

AcSmAcDbBlockRecordReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmAcDbLayoutReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmAcDbObjectReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmAcDbViewReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String
AcSmCalloutBlockReferences.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmCalloutBlocks.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmCustomPropertyBag.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmCustomPropertyValue.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmDatabase.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmFileReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmNamedAcDbObjectReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmObjectReference.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmPersistProxy.GetTypeName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetTypeName() As String

AcSmPublishOptions.GetTypeName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetTypeName() As String

AcSmResources.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheet.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheetSelSet.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheetSelSets.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheetSet.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheetView.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSheetViews.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmSubset.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmViewCategories.GetTypeName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetTypeName() As String

AcSmViewCategory.GetTypeName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetTypeName() As String

IAcSmComponent.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

IAcSmPersist.GetTypeName Method

Retrieves the descriptive name representing the coclass. This method is used mainly by the filer.

Syntax

GetTypeName() As String

AcSmPublishOptions.GetUnrecognizedData Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetUnrecognizedData() As Object

AcSmPublishOptions.GetUnrecognizedSections Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetUnrecognizedSections() As Object

AcSmPublishOptions.GetUsePassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetUsePassword() As Boolean

AcSmCustomPropertyValue.GetValue Method

Retrieves the variant value associated with the custom property.

Syntax

GetValue() As Variant

AcSmSheetSet.GetViewCategories Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

GetViewCategories() As IAcSmViewCategories

I Methods

Topics in this section

- AcSmSheetSet.ImportSheet Method
- AcSmSubset.ImportSheet Method
- AcSmAcDbBlockRecordReference.InitNew Method
- AcSmAcDbLayoutReference.InitNew Method
- <u>AcSmAcDbObjectReference.InitNew Method</u>
- <u>AcSmAcDbViewReference.InitNew Method</u>
- AcSmCalloutBlockReferences.InitNew Method
- AcSmCalloutBlocks.InitNew Method
- AcSmCustomPropertyBag.InitNew Method
- AcSmCustomPropertyValue.InitNew Method
- <u>AcSmDatabase.InitNew Method</u>
- AcSmFileReference.InitNew Method
- <u>AcSmNamedAcDbObjectReference.InitNew Method</u>
- AcSmObjectReference.InitNew Method
- AcSmPersistProxy.InitNew Method
- AcSmPublishOptions.InitNew Method
- <u>AcSmResources.InitNew Method</u>
- AcSmSheet.InitNew Method
- <u>AcSmSheetSelSet.InitNew Method</u>
- AcSmSheetSelSets.InitNew Method
- <u>AcSmSheetSet.InitNew Method</u>
- <u>AcSmSheetView.InitNew Method</u>

- AcSmSheetViews.InitNew Method
- <u>AcSmSubset.InitNew Method</u>
- AcSmViewCategories.InitNew Method
- AcSmViewCategory.InitNew Method
- IAcSmComponent.InitNew Method
- IAcSmPersist.InitNew Method
- <u>AcSmDSTFiler.Init Method</u>
- <u>AcSmSheetSet.InsertComponentAfter Method</u>
- <u>AcSmSubset.InsertComponentAfter Method</u>
- AcSmSheetSet.InsertComponent Method
- AcSmSubset.InsertComponent Method
- IAcSmObjectId.IsEqual Method
- <u>IAcSmObjectId.IsValid Method</u>

AcSmSheetSet.ImportSheet Method

Constructs a new sheet component that references the existing layout pointed to by the provided AcSmAcDbLayoutReference.

Syntax

ImportSheet(
pLayoutRef As IAcSmAcDbLayoutReference) As IAcSmAcDbLayoutReference

pLayoutRef

Input layout reference

AcSmSubset.ImportSheet Method

Adds a new sheet component that references the layout of AcSmAcDbLayoutReference. The new component is not added to the subset.

To add the new sheet component to the subset, use the InsertComponent method.

Syntax

ImportSheet(pLayoutRef As	IAcSmAcDbLayoutReference) As IAcSmSheet
pLayoutRef	Input drawing and layout to be imported
	Please send us your comment about this page

AcSmAcDbBlockRecordReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmAcDbLayoutReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmAcDbObjectReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmAcDbViewReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

Syntax		
InitNew(
pOwner As IAcSmPersist) As Object		
pOwner	Input pointer to the owner of the object	
	Please send us your comment about this page	

AcSmCalloutBlockReferences.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.
AcSmCalloutBlocks.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmCustomPropertyBag.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

Syntax		
InitNew(TACCEPorciat) Ac Object	
pOwner As IAcSmPersist) As Object		
pOwner	Input pointer to the owner of the object	
	Please send us your comment about this page	

AcSmCustomPropertyValue.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

Syntax	
InitNew(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmDatabase.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmFileReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmNamedAcDbObjectReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmObjectReference.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmPersistProxy.InitNew Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

InitNew(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmPublishOptions.InitNew Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

InitNew(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmResources.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSheetSelSet.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSheetSelSets.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSheetSet.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSheetView.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSheetViews.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmSubset.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

AcSmViewCategories.InitNew Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

InitNew(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmViewCategory.InitNew Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

InitNew(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

IAcSmComponent.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

IAcSmPersist.InitNew Method

Initialization of a newly created persistable object. This method and the Load method are the only two ways to initialize a persistable component.

This API was designed for internal use and has not been thoroughly tested.

Syntax

Init(pUnk As Object, pDb As IAcSmDatabase, bForWrite As Boolean)	
pUnk	Input IUnknown pointer representing the data container construct object
pDb	Input IAcSmDatabase that the filer will act on
bForWrite	Input Boolean to indicate if the filer will perform read operations or write operations

AcSmSheetSet.InsertComponentAfter Method

Inserts a sheet at the position specified.

Syntax

InsertComponentAfter(
newSheet As IAcSmComponent,
afterComp As IAcSmComponent) As Object

newSheet	Input IAcSmComponent to be inserted
afterComp	Input component after which to insert the sheet

AcSmSubset.InsertComponentAfter Method

Inserts a sheet at the position specified.

Syntax

InsertComponentAfter(
newSheet As IAcSmComponent,
afterComp As IAcSmComponent) As Object

newSheet	Input IAcSmComponent to be inserted
afterComp	Input location of the new sheet, or null to insert the sheet at the beginning of the subset

AcSmSheetSet.InsertComponent Method

Inserts a sheet at the position specified.

Syntax

InsertComponent(
 newSheet As IAcSmComponent,
 beforeComp As IAcSmComponent) As Object

newSheet	Input IAcSmComponent to be inserted
beforeComp	Input IAcSmComponent before which the component will be inserted, or specify null if the component should be inserted at the end of the subset

AcSmSubset.InsertComponent Method

Inserts a sheet at the position specified.

Syntax

InsertComponent(
 newSheet As IAcSmComponent,
 beforeComp As IAcSmComponent) As Object

newSheet	Input IAcSmComponent to be inserted
beforeComp	Input location of the new sheet, or null to insert the sheet at the end of the subset

IAcSmObjectId.IsEqual Method

Compares one IACSmObjectId with another IACSmObjectId object, and returns True if both objects reference the same component.

Syntax IsEqual(pId As IAcSmObjectId) As Boolean pId Input IAcSmObjectId for comparison Please send us your comment about this page

IAcSmObjectId.IsValid Method

Determines whether an IAcSmObjectId points to a valid object.

Syntax

IsValid() As Boolean

L Methods

Topics in this section

- AcSmDatabase.LoadFromFile Method
- AcSmAcDbBlockRecordReference.Load Method
- AcSmAcDbLayoutReference.Load Method
- <u>AcSmAcDbObjectReference.Load Method</u>
- AcSmAcDbViewReference.Load Method
- AcSmCalloutBlockReferences.Load Method
- AcSmCalloutBlocks.Load Method
- AcSmCustomPropertyBag.Load Method
- AcSmCustomPropertyValue.Load Method
- AcSmDatabase.Load Method
- <u>AcSmFileReference.Load Method</u>
- <u>AcSmNamedAcDbObjectReference.Load Method</u>
- AcSmObjectReference.Load Method
- AcSmPersistProxy.Load Method
- <u>AcSmPublishOptions.Load Method</u>
- <u>AcSmResources.Load Method</u>
- AcSmSheet.Load Method
- AcSmSheetSelSet.Load Method
- <u>AcSmSheetSelSets.Load Method</u>
- <u>AcSmSheetSet.Load Method</u>
- <u>AcSmSheetView.Load Method</u>
- <u>AcSmSheetViews.Load Method</u>

- AcSmSubset.Load Method
- AcSmViewCategories.Load Method
- <u>AcSmViewCategory.Load Method</u>
- <u>IAcSmComponent.Load Method</u>
- IAcSmPersist.Load Method
- AcSmDatabase.LockDb Method

Clears the contents of the database and loads data from a file. The file name property of the database is unchanged; the original file name is used by the GetFileName method and the original file name is used when data is written to the disk.

The file name can be null if you want to load or reload data from the current file name.

Syntax

LoadFromFile(templateDstFileName	As String = 0) As Object	
templateDstFileName	Input name of the file from which to load data	
		1 1.

AcSmAcDbBlockRecordReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load() As Object

AcSmAcDbLayoutReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load() As Object

AcSmAcDbObjectReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmAcDbViewReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load() As Object

AcSmCalloutBlockReferences.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer
AcSmCalloutBlocks.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmCustomPropertyBag.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmCustomPropertyValue.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmDatabase.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmFileReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmNamedAcDbObjectReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmObjectReference.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmPersistProxy.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmPublishOptions.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmResources.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSelSet.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSelSets.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSet.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetView.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetViews.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmViewCategories.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmViewCategory.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

IAcSmComponent.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

IAcSmPersist.Load Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Load(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmDatabase.LockDb Method

Locks the database so it can be modified.

Syntax

LockDb(pObject As Object) As Object

pObject

Input any valid IUnknown pointer as the owner of the requested lock

N Methods

Topics in this section

- IAcSmEnumAcDbBlockRecordReference.Next Method
- IAcSmEnumComponent.Next Method
- IAcSmEnumDatabase.Next Method
- IAcSmEnumFileReference.Next Method
- <u>IAcSmEnumPersist.Next Method</u>
- IAcSmEnumProperty.Next Method
- IAcSmEnumSheetSelSet.Next Method
- IAcSmEnumSheetView.Next Method
- IAcSmEnumViewCategory.Next Method
- AcSmDatabase.NotifyRegisteredEventHandlers Method
- AcSmSheetSet.NotifyRegisteredEventHandlers Method
- <u>AcSmSubset.NotifyRegisteredEventHandlers Method</u>

IAcSmEnumAcDbBlockRecordReference.Next Method

Iterates to the next component and retrieves it. For an example of how to use the Next method in VBA, see Reliably Access Sheet Set Components.

Syntax

Next() As AcSmAcDbBlockRecordReference

IAcSmEnumComponent.Next Method

Iterates to the next component and retrieves it. For an example of how to use the Next method in VBA, see Reliably Access Sheet Set Components.

After an element is returned using the Next method, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

If the return value is S_OK, iteration can continue. If the return value is S_FALSE, iteration must stop. Do not use the macro SUCCEEDED to determine success or failure.

The caller must release the interface when the operation is complete.

Syntax

Next() As IAcSmComponent

IAcSmEnumDatabase.Next Method

Iterates to the next component and retrieves it.

Syntax

Next() As IAcSmDatabase

IAcSmEnumFileReference.Next Method

Iterates to the next component and retrieves it. For an example of how to use the Next method in VBA, see Reliably Access Sheet Set Components.

After an element is returned using the Next method, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

If the return value is S_OK, iteration can continue. If the return value is S_FALSE, iteration must stop. The macro SUCCEEDED should not be used to determine success or failure.

The caller must release the interface when the operation is complete.

Syntax

Next() As IAcSmFileReference

IAcSmEnumPersist.Next Method

Iterates through a collection and returns an element. For an example of how to use the Next method in VBA, see Reliably Access Sheet Set Components.

After an element is returned, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

The caller must release the interface when the operation is complete.

If the return value is S_OK, then iteration should continue. If the return value is S_FALSE, then iteration should stop.

Syntax

Next() As IAcSmPersist

Iterates to the next component and retrieves it. For an example of how to use the Next method in VBA, see Reliably Access Sheet Set Components.

After an element is returned using the Next method, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

The caller must release the allocated data and the interface when the operation is complete.

Syntax

Next(propname As String, ppValue As IAcSmCustomPropertyValue) As Object	
propname	Output pointer to the name of the property
ppValue	Output pointer to an appropriately allocated and initialized IAcSmCustomPropertyValue object
	Please send us your comment about this page

Iterates to the next component and retrieves it.

After an element is returned using the Next method, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

If the return value is S_OK, iteration can continue. If the return value is S_FALSE, iteration must stop. The macro SUCCEEDED should not be used to determine success or failure.

The caller must release the interface when the operation is complete.

Syntax

Next() As IAcSmSheetSelSet

Iterates to the next component and retrieves it.

After an element is returned using the Next method, you can perform operations on it. The collection should be treated as read-only. Elements should not be removed during iteration because removing elements can result in inconsistencies.

If the return value is S_OK, iteration can continue. If the return value is S_FALSE, iteration must stop. The macro SUCCEEDED should not be used to determine success or failure.

The caller must release the interface when the operation is complete.

Syntax

Next() As IAcSmSheetView

IAcSmEnumViewCategory.Next Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Next() As IAcSmViewCategory

AcSmDatabase.NotifyRegisteredEventHandlers Method

Forces a notification to all registered notification handlers.

Syntax

NotifyRegisteredEventHandlers(eventcode As __MIDL__MIDL_itf_AcSmComponents_0265_0001, comp As IAcSmPersist) As Object

eventcode Input event code comp Input component affected by the event

AcSmSheetSet.NotifyRegisteredEventHandlers Method

Forces a given notification to all registered notification handlers.

Syntax

NotifyRegisteredEventHandlers(eventcode As __MIDL__MIDL_itf_AcSmComponents_0265_0001, comp As IAcSmPersist) As Object

eventcode Input event code

comp Input component

AcSmSubset.NotifyRegisteredEventHandlers Method

Forces a notification to all registered notification handlers.

Syntax

NotifyRegisteredEventHandlers(eventcode As __MIDL__MIDL_itf_AcSmComponents_0265_0001, comp As IAcSmPersist) As Object

eventcode Input event code comp Input component affected by the event

O Methods

Topics in this section

- <u>IAcSmEvents.OnChanged Method</u>
- <u>AcSmSheetSetMgr.OpenDatabase Method</u>
IAcSmEvents.OnChanged Method

Notification of an event.

Syntax

OnChanged(eventcode As __MIDL__MIDL_itf_AcSmComponents_0265_0001, comp As IAcSmPersist) As Object

eventcode	Input event code
comp	Input component affected by the event

AcSmSheetSetMgr.OpenDatabase Method

Opens an existing database and returns the new IAcSmDatabase component for it.

The caller must release the interface when the operation is complete.

Syntax

OpenDatabase(filename As String, bFailIfAlreadyOpen As Boolean = True) As IAcSmDatabase		
filename	Input name of the file to open	
bFailIfAlreadyOpen	Input Boolean indicating whether the method should fail if the file is already open	
	Please send us your comment about this page	

P Methods

Topics in this section

- AcSmDSTFiler.PopCurrentReadObject Method
- <u>AcSmDSTFiler.PopCurrentWriteObject Method</u>
- AcSmDSTFiler.PushCurrentReadObject Method
- <u>AcSmDSTFiler.PushCurrentWriteObject Method</u>

AcSmDSTFiler.PopCurrentReadObject Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

```
PopCurrentReadObject(
bSuccess As Long) As Object
```

bSuccess

Input long; if the input value is zero, then the object read should not be added to the inmemory graph

AcSmDSTFiler.PopCurrentWriteObject Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

```
PopCurrentWriteObject(
bSuccess As Long) As Object
```

bSuccess

Input long; if the input value is not zero, then the pushed write object should be written out

AcSmDSTFiler.PushCurrentReadObject Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

PushCurrentReadObject(
 pObj As IAcSmPersist) As Object

pObj Input pointer to the IAcSmPersistIAcSmPersist object that is being read

AcSmDSTFiler.PushCurrentWriteObject Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

```
PushCurrentWriteObject(
   pObj As IAcSmPersist) As Object
```

pObj

Input pointer to an IAcSmPersistIAcSmPersist object to push onto the stack

R Methods

Topics in this section

- AcSmDSTFiler.ReadObject Method
- AcSmDSTFiler.ReadProperty Method
- AcSmDSTFiler.ReadRawData Method
- AcSmDatabase.RegisterOwner Method
- <u>AcSmDatabase.Register Method</u>
- AcSmSheetSet.Register Method
- AcSmSheetSetMgr.Register Method
- AcSmSheetSet.RemoveSheet Method
- AcSmSubset.RemoveSheet Method
- AcSmSheetSet.RemoveSubset Method
- AcSmSubset.RemoveSubset Method
- <u>AcSmViewCategories.RemoveViewCategory Method</u>
- AcSmCalloutBlockReferences.Remove Method
- AcSmCalloutBlocks.Remove Method
- AcSmResources.Remove Method
- AcSmSheetSelSet.Remove Method
- AcSmSheetSelSets.Remove Method
- IAcSmEnumAcDbBlockRecordReference.Reset Method
- IAcSmEnumComponent.Reset Method
- IAcSmEnumDatabase.Reset Method
- IAcSmEnumFileReference.Reset Method
- <u>IAcSmEnumPersist.Reset Method</u>

- <u>IAcSmEnumProperty.Reset Method</u>
- IAcSmEnumSheetSelSet.Reset Method
- IAcSmEnumSheetView.Reset Method
- IAcSmEnumViewCategory.Reset Method
- <u>AcSmAcDbBlockRecordReference.ResolveAcDbObject Method</u>
- <u>AcSmAcDbLayoutReference.ResolveAcDbObject Method</u>
- <u>AcSmAcDbObjectReference.ResolveAcDbObject Method</u>
- <u>AcSmAcDbViewReference.ResolveAcDbObject Method</u>
- <u>AcSmNamedAcDbObjectReference.ResolveAcDbObject Method</u>
- <u>AcSmAcDbBlockRecordReference.ResolveFileName Method</u>
- <u>AcSmAcDbLayoutReference.ResolveFileName Method</u>
- <u>AcSmAcDbObjectReference.ResolveFileName Method</u>
- <u>AcSmAcDbViewReference.ResolveFileName Method</u>
- AcSmFileReference.ResolveFileName Method
- <u>AcSmNamedAcDbObjectReference.ResolveFileName Method</u>

AcSmDSTFiler.ReadObject Method

This API was designed for internal use and has not been thoroughly tested.

The caller must release the **IAcSmPersist** object when the operation is completed.

Syntax

ReadObject() As IAcSmPersist

AcSmDSTFiler.ReadProperty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

ReadProperty(ppPropname As String, pVal As Variant) As Object

ppPropname	Output pointer to a string indicating the name of the property that is being read
pVal	Output pointer to a variant indicating the value of the property that is being read

AcSmDSTFiler.ReadRawData Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

 ReadRawData(
 p As Byte,

 count As Long) As Object

 p
 Output pointer to the raw data buffer

 count
 Output pointer to the size of the raw data buffer

 count
 Person of the raw data buffer

 P
 Person of the raw data buffer

AcSmDatabase.RegisterOwner Method

Provides a way to construct component graphs using the *idCookie* parameter as a security key.

Syntax

RegisterOwner(idcookie As Long, pObject As IAcSmPersist, pOwner As IAcSmPersist) As Object

idcookie	Input security key
pObject	Input object
pOwner	Input pointer to the owner of the object

AcSmDatabase.Register Method

Registers a callback notification handler and returns a unique cookie for the handler.

 Syntax

 Register(eventHandler As IAcSmEvents) As Long

 eventHandler
 Input pointer to an IAcSmEvents interface

 Please send us your comment about this page

AcSmSheetSet.Register Method

Registers a callback notification handler and returns a unique cookie identifier for the handler.

 Syntax

 Register (eventHandler As IAcSmEvents) As Long

 eventHandler
 Input IAcSmEvents interface

 Please send us your comment about this page

AcSmSheetSetMgr.Register Method

Registers a handler for callback notification. Returns a unique cookie for the handler.

 Syntax

 Register(eventHandler As IAcSmEvents) As Long

 eventHandler
 Input pointer to an event handler

 Please send us your comment about this page

AcSmSheetSet.RemoveSheet Method

Removes the specified sheet component from the collection.

Syntax

RemoveSheet(sheet As IAcSmSheet) As Object

sheet

Input IAcSmSheet to be removed

AcSmSubset.RemoveSheet Method

Removes the specified sheet component from the subset.

Syntax

RemoveSheet(sheet As IAcSmSheet) As Object

sheet

Input sheet to be removed from the subset

AcSmSheetSet.RemoveSubset Method

Removes the specified subset component from the collection.

Syntax

RemoveSubset(subset As IAcSmSubset) As Object

subset

Input subset component to be removed

AcSmSubset.RemoveSubset Method

Removes the specified subset component from the collection.

Syntax

RemoveSubset(subset As IAcSmSubset) As Object

subset

Input subset to be removed

AcSmViewCategories.RemoveViewCategory Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

RemoveViewCategory(viewCat As IAcSmViewCategory) As Object

viewCat

View category

AcSmCalloutBlockReferences.Remove Method

Removes the specified AcSmAcDbBlockRecordReference component from the collection.

Syntax	
Remove(pBlkRef	As IAcSmAcDbBlockRecordReference) As Object
pBlkRef	Input component to be removed
	Please send us your comment about this page

AcSmCalloutBlocks.Remove Method

Removes an IAcSmAcDbBlockRecordReferenceIAcSmAcDbBlockRecordReference component from the collection.

Syntax	
Remove(pBlkRef	As IAcSmAcDbBlockRecordReference) As Object
pBlkRef	Input AcSmAcDbBlockRecordReference component to remove from the collection
	Please send us your comment about this page

AcSmResources.Remove Method

Removes an IAcSmFileReference component from the collection.

Syntax

Remove(pResource As IAcSmFileReference) As Object

pResource

Input IAcSmFileReference component to remove from the collection

AcSmSheetSelSet.Remove Method

Removes a component from the selection set.

Syntax

Remove(comp As IAcSmComponent) As Object

comp

Input sheet or subset to be removed from the selection set

AcSmSheetSelSets.Remove Method

Removes a selection set component from the collection.

Syntax

Remove(selset As IAcSmSheetSelSet) As Object

selset

Input selection set component to remove from the collection

IAcSmEnumAcDbBlockRecordReference.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumComponent.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumDatabase.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumFileReference.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumPersist.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumProperty.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumSheetSelSet.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumSheetView.Reset Method

Resets the iterator to the position before the first element.

Syntax

Reset() As Object

IAcSmEnumViewCategory.Reset Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Reset() As Object

AcSmAcDbBlockRecordReference.ResolveAcDbObject Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.

Syntax

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

pAcDbDatabase Input string that indicates the AcadDatabase in which to find the referenced AcDbObject
AcSmAcDbLayoutReference.ResolveAcDbObject Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.

Syntax

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

pAcDbDatabase	Input string that
	indicates the
	AcadDatabase in
	which to find the
	referenced
	AcDbObject

AcSmAcDbObjectReference.ResolveAcDbObject Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.

Syntax

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

pAcDbDatabase Input string that indicates the AcadDatabase in which to find the referenced AcDbObject

AcSmAcDbViewReference.ResolveAcDbObject Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.

Syntax

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

pAcDbDatabase Input string that indicates the AcadDatabase in which to find the referenced AcDbObject

AcSmNamedAcDbObjectReference.ResolveAcDbObject Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.

Syntax

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

pAcDbDatabase	Input string that indicates
	the AcadDatabase in
	which to find the
	referenced
	AcDb0bjectAcDbObject

AcSmAcDbBlockRecordReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. **S_FALSE** is returned if the file is not found.

Syntax

ResolveFileName() As String

AcSmAcDbLayoutReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. S_FALSE is returned if the file is not found.

Syntax

ResolveFileName() As String

AcSmAcDbObjectReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. S_FALSE is returned if the file is not found.

Syntax

ResolveFileName() As String

AcSmAcDbViewReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. S_FALSE is returned if the file is not found.

Syntax

ResolveFileName() As String

AcSmFileReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. If the file is not found, the **GetReference** method can be used to get the stored file name and path.

Syntax

ResolveFileName() As String

AcSmNamedAcDbObjectReference.ResolveFileName Method

Retrieves the fully qualified path to the resolved file name. S_FALSE is returned if the file is not found.

Syntax

ResolveFileName() As String

S Methods

Topics in this section

- AcSmAcDbBlockRecordReference.Save Method
- <u>AcSmAcDbLayoutReference.Save Method</u>
- <u>AcSmAcDbObjectReference.Save Method</u>
- AcSmAcDbViewReference.Save Method
- AcSmCalloutBlockReferences.Save Method
- <u>AcSmCalloutBlocks.Save Method</u>
- AcSmCustomPropertyBag.Save Method
- AcSmCustomPropertyValue.Save Method
- <u>AcSmDatabase.Save Method</u>
- <u>AcSmFileReference.Save Method</u>
- AcSmNamedAcDbObjectReference.Save Method
- AcSmObjectReference.Save Method
- <u>AcSmPersistProxy.Save Method</u>
- <u>AcSmPublishOptions.Save Method</u>
- <u>AcSmResources.Save Method</u>
- AcSmSheet.Save Method
- <u>AcSmSheetSelSet.Save Method</u>
- <u>AcSmSheetSelSets.Save Method</u>
- <u>AcSmSheetSet.Save Method</u>
- AcSmSheetView.Save Method
- <u>AcSmSheetViews.Save Method</u>
- <u>AcSmSubset.Save Method</u>

- <u>AcSmViewCategories.Save Method</u>
- AcSmViewCategory.Save Method
- <u>IAcSmComponent.Save Method</u>
- <u>IAcSmPersist.Save Method</u>
- <u>AcSmAcDbBlockRecordReference.SetAcDbHandle Method</u>
- <u>AcSmAcDbLayoutReference.SetAcDbHandle Method</u>
- <u>AcSmAcDbObjectReference.SetAcDbHandle Method</u>
- <u>AcSmAcDbViewReference.SetAcDbHandle Method</u>
- <u>AcSmNamedAcDbObjectReference.SetAcDbHandle Method</u>
- <u>AcSmAcDbBlockRecordReference.SetAcDbObject Method</u>
- <u>AcSmAcDbLayoutReference.SetAcDbObject Method</u>
- <u>AcSmAcDbObjectReference.SetAcDbObject Method</u>
- <u>AcSmAcDbViewReference.SetAcDbObject Method</u>
- <u>AcSmNamedAcDbObjectReference.SetAcDbObject Method</u>
- AcSmSheetSet.SetAltPageSetups Method
- AcSmSheet.SetCategory Method
- AcSmSheetView.SetCategory Method
- <u>AcSmSheetSet.SetDefAltPageSetup Method</u>
- AcSmSheetSet.SetDefDwtLayout Method
- AcSmSubset.SetDefDwtLayout Method
- AcSmSheetSet.SetDefLabelBlk Method
- <u>AcSmPublishOptions.SetDefaultOutputdir Method</u>
- AcSmCalloutBlockReferences.SetDesc Method
- AcSmCalloutBlocks.SetDesc Method
- <u>AcSmDatabase.SetDesc Method</u>
- <u>AcSmResources.SetDesc Method</u>
- AcSmSheet.SetDesc Method
- <u>AcSmSheetSelSet.SetDesc Method</u>
- AcSmSheetSelSets.SetDesc Method

- <u>AcSmSheetSet.SetDesc Method</u>
- AcSmSheetView.SetDesc Method
- <u>AcSmSheetViews.SetDesc Method</u>
- <u>AcSmSubset.SetDesc Method</u>
- AcSmViewCategories.SetDesc Method
- AcSmViewCategory.SetDesc Method
- IAcSmComponent.SetDesc Method
- AcSmSheet.SetDoNotPlot Method
- AcSmPublishOptions.SetDwfType Method
- <u>AcSmAcDbBlockRecordReference.SetFileName Method</u>
- AcSmAcDbLayoutReference.SetFileName Method
- <u>AcSmAcDbObjectReference.SetFileName Method</u>
- <u>AcSmAcDbViewReference.SetFileName Method</u>
- AcSmDatabase.SetFileName Method
- AcSmFileReference.SetFileName Method
- <u>AcSmNamedAcDbObjectReference.SetFileName Method</u>
- AcSmCustomPropertyValue.SetFlags Method
- <u>AcSmPublishOptions.SetIncludePlotStamp Method</u>
- AcSmDatabase.SetIsTemporary Method
- AcSmSheet.SetIssuePurpose Method
- AcSmPublishOptions.SetLayerInfo Method
- <u>AcSmSheet.SetLayout Method</u>
- AcSmAcDbBlockRecordReference.SetName Method
- AcSmAcDbLayoutReference.SetName Method
- AcSmAcDbViewReference.SetName Method
- AcSmCalloutBlockReferences.SetName Method
- AcSmCalloutBlocks.SetName Method
- <u>AcSmDatabase.SetName Method</u>
- <u>AcSmNamedAcDbObjectReference.SetName Method</u>

- <u>AcSmResources.SetName Method</u>
- AcSmSheet.SetName Method
- <u>AcSmSheetSelSet.SetName Method</u>
- AcSmSheetSelSets.SetName Method
- AcSmSheetSet.SetName Method
- AcSmSheetView.SetName Method
- AcSmSheetViews.SetName Method
- AcSmSubset.SetName Method
- AcSmViewCategories.SetName Method
- <u>AcSmViewCategory.SetName Method</u>
- IAcSmComponent.SetName Method
- AcSmSheetView.SetNamedView Method
- AcSmSheetSet.SetNewSheetLocation Method
- AcSmSubset.SetNewSheetLocation Method
- AcSmSheet.SetNumber Method
- AcSmSheetView.SetNumber Method
- AcSmPublishOptions.SetOutputFileName Method
- <u>AcSmAcDbBlockRecordReference.SetOwnerAcDbHandle Method</u>
- <u>AcSmAcDbLayoutReference.SetOwnerAcDbHandle Method</u>
- <u>AcSmAcDbViewReference.SetOwnerAcDbHandle Method</u>
- <u>AcSmNamedAcDbObjectReference.SetOwnerAcDbHandle Method</u>
- <u>AcSmAcDbBlockRecordReference.SetOwner Method</u>
- <u>AcSmAcDbLayoutReference.SetOwner Method</u>
- AcSmAcDbObjectReference.SetOwner Method
- <u>AcSmAcDbViewReference.SetOwner Method</u>
- AcSmCalloutBlockReferences.SetOwner Method
- AcSmCalloutBlocks.SetOwner Method
- AcSmCustomPropertyBag.SetOwner Method
- AcSmCustomPropertyValue.SetOwner Method

- <u>AcSmDatabase.SetOwner Method</u>
- AcSmFileReference.SetOwner Method
- AcSmNamedAcDbObjectReference.SetOwner Method
- AcSmObjectReference.SetOwner Method
- AcSmPersistProxy.SetOwner Method
- AcSmPublishOptions.SetOwner Method
- AcSmResources.SetOwner Method
- AcSmSheet.SetOwner Method
- AcSmSheetSelSet.SetOwner Method
- AcSmSheetSelSets.SetOwner Method
- AcSmSheetSet.SetOwner Method
- AcSmSheetView.SetOwner Method
- AcSmSheetViews.SetOwner Method
- AcSmSubset.SetOwner Method
- AcSmViewCategories.SetOwner Method
- AcSmViewCategory.SetOwner Method
- IAcSmComponent.SetOwner Method
- IAcSmPersist.SetOwner Method
- AcSmPublishOptions.SetPassword Method
- <u>AcSmSheetSet.SetProjectMilestone Method</u>
- AcSmSheetSet.SetProjectName Method
- <u>AcSmSheetSet.SetProjectNumber Method</u>
- AcSmSheetSet.SetProjectPhase Method
- AcSmSheetSet.SetPromptForDwgName Method
- AcSmSheetSet.SetPromptForDwt Method
- AcSmSubset.SetPromptForDwt Method
- AcSmPublishOptions.SetPromptForName Method
- AcSmPublishOptions.SetPromptForPassword Method
- AcSmCustomPropertyBag.SetProperty Method

- <u>AcSmObjectReference.SetReferenceFlags Method</u>
- <u>AcSmObjectReference.SetReferencedObject Method</u>
- AcSmSheet.SetRevisionDate Method
- AcSmSheet.SetRevisionNumber Method
- <u>AcSmSheet.SetTitle Method</u>
- AcSmSheetView.SetTitle Method
- AcSmPersistProxy.SetTypeName Method
- <u>AcSmPublishOptions.SetUnrecognizedData Method</u>
- AcSmPublishOptions.SetUnrecognizedSections Method
- AcSmPublishOptions.SetUsePassword Method
- AcSmCustomPropertyValue.SetValue Method
- <u>AcSmSheetSet.Sync Method</u>
- <u>AcSmSheetViews.Sync Method</u>

AcSmAcDbBlockRecordReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save() As Object

AcSmAcDbLayoutReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save() As Object

AcSmAcDbObjectReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmAcDbViewReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save() As Object

AcSmCalloutBlockReferences.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmCalloutBlocks.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmCustomPropertyBag.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmCustomPropertyValue.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmDatabase.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmFileReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmNamedAcDbObjectReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmObjectReference.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmPersistProxy.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmPublishOptions.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmResources.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSelSet.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSelSets.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetSet.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmSheetView.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer
AcSmSheetViews.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmViewCategories.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

AcSmViewCategory.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

IAcSmComponent.Save Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

Save(pFiler As IAcSmFiler) As Object

pFiler Input filer

Saves the object to the provided filer. This method is called when the component needs to be serialized using an IAcSmFilerIAcSmFiler object.

Syntax	
Save(pFiler As	s IAcSmFiler) As Object
pFiler	Input filer
	Please send us your comment about this page

AcSmAcDbBlockRecordReference.SetAcDbHandle Method

Sets the AcDbHandle that the object will reference. The name, without the handle, provides insufficient information about the referenced AcDbObject.

Syntax	
SetAcDbHandle(handle As String) As	Object
handle	Input string that indicates the AcDbHandle to set
	Please send us your comment about this page

AcSmAcDbLayoutReference.SetAcDbHandle Method

Sets the AcDbHandle that the object will reference. The name, without the handle, provides insufficient information about the referenced AcDbObject.

Syntax

SetAcDbHandle(handle As Object) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmAcDbObjectReference.SetAcDbHandle Method

Sets the AcDbHandle that the object will reference.

Syntax

SetAcDbHandle(handle As String) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmAcDbViewReference.SetAcDbHandle Method

Sets the AcDbHandle that the object will reference. The name, without the handle, provides insufficient information about the referenced AcDbObject.

Syntax

SetAcDbHandle(handle As String) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmNamedAcDbObjectReference.SetAcDbHandle Method

Sets the AcDbHandle that the object will reference. The name, without the handle, provides insufficient information about the referenced AcDbObject.

Syntax	
SetAcDbHandle(handle As String) As	Object
handle	Input string that indicates the AcDbHandle to set
	Please send us your comment about this page

AcSmAcDbBlockRecordReference.SetAcDbObject Method

Sets and modifies all properties of the object reference specified by the AcDbObject pointer.

This method is recommended for initializing an AcSmAcDbObjectReference object.

Syntax

SetAcDbObject() As Object

AcSmAcDbLayoutReference.SetAcDbObject Method

Sets and modifies all properties of the object reference specified by the AcDbObject pointer.

This method is recommended for initializing an AcSmAcDbObjectReference object.

Syntax

SetAcDbObject() As Object

AcSmAcDbObjectReference.SetAcDbObject Method

Sets and modifies all properties of the object reference specified by the AcDbObject pointer.

This method is recommended for initializing an IAcSmAcDbObjectReference object.

Syntax

SetAcDbObject() As Object

AcSmAcDbViewReference.SetAcDbObject Method

Sets and modifies all properties of the object reference specified by the AcDbObject pointer.

This method is recommended for initializing an AcSmAcDbObjectReference object.

Syntax

SetAcDbObject() As Object

AcSmNamedAcDbObjectReference.SetAcDbObject Method

Sets and modifies all properties of the object reference specified by the AcDbObject pointer.

This method is recommended for initializing an AcSmAcDbObjectReference object.

Syntax

SetAcDbObject() As Object

AcSmSheetSet.SetAltPageSetups Method

Sets the IAcSmFileReference component that references the template containing alternative page setups.

Syntax

SetAltPageSetups(pDwtRef As IAcSmFileReference) As Object

pDwtRef Sets the IAcSmFileReference component that references a file containing alternative page setups

AcSmSheet.SetCategory Method

Sets the CategoryCategory property. Returns S_OK if successful.

Syntax

SetCategory(newVal As BSTR) As HRESULT

newVal

Input string to set the Category property

AcSmSheetView.SetCategory Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetCategory(pViewCat As IAcSmViewCategory) As Object

pViewCat

View category

Sets the IAcSmNamedAcDbObjectReference component that references the default page setup within the template containing the alternative page setups.

Syntax

SetDefAltPageSetup(pAltPageSetup As IAcSmNamedAcDbObjectReference) As Object

pAltPageSetup	Input object that references the default page setup within the template containing the alternative page setups
	-

AcSmSheetSet.SetDefDwtLayout Method

Sets the AcSmAcDbLayoutReference that points to the AcDbLayout to be used as a template for new sheet creation.

Syntax

SetDefDwtLayout(pLayoutRef As IAcSmAcDbLayoutReference) As Object

pLayoutRef

Input reference to layout

AcSmSubset.SetDefDwtLayout Method

Sets the AcSmAcDbLayoutReference that points to the layout used as a template for new sheets.

Syntax

SetDefDwtLayout(pLayoutRef As IAcSmAcDbLayoutReference) As Object

pLayoutRef Input AcSmAcDbLayoutReference that points to the layout used as a template for new sheets

AcSmSheetSet.SetDefLabelBlk Method

Sets the AcSmAcDbBlockRecordReference component that references the label block definition for the sheet set.

Syntax

SetDefLabelBlk(pLabelBlkRef As IAcSmAcDbBlockRecordReference) As Object

pLabelBlkRef	Input AcSmAcDbBlockRecordReference
	component that references the block, as a file or named block, for the sheet set

AcSmPublishOptions.SetDefaultOutputdir Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetDefaultOutputdir(pValue As String) As Object

pValue

Input value

AcSmCalloutBlockReferences.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmCalloutBlocks.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmDatabase.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmResources.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheet.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheetSelSet.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheetSelSets.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheetSet.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheetView.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheetViews.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSubset.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmViewCategories.SetDesc Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description
AcSmViewCategory.SetDesc Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

IAcSmComponent.SetDesc Method

Sets the description of the component.

Syntax

SetDesc(desc As String) As Object

desc

Input string containing the text to set as the description

AcSmSheet.SetDoNotPlot Method

Sets a flag indicating whether a sheet should be skipped during plotting and publishing.

Syntax

SetDoNotPlot(doNotPlot As Boolean) As Object

doNotPlot Input Boolean indicating whether a sheet should be skipped during plotting and publishing

AcSmPublishOptions.SetDwfType Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetDwfType(value As Boolean) As Object

value

Input value

AcSmAcDbBlockRecordReference.SetFileName Method

Sets the file name that this object will reference.

Syntax

SetFileName(pValue As String) As Object

pValue

Input file name

AcSmAcDbLayoutReference.SetFileName Method

Sets the file name that this object will reference.

Syntax

SetFileName(pValue As String) As Object

pValue

Input file name

AcSmAcDbObjectReference.SetFileName Method

Sets the file name that this object will reference.

Syntax

SetFileName(pValue As String) As Object

pValue

Input string indicating file name

AcSmAcDbViewReference.SetFileName Method

Sets the file name that this object will reference.

Syntax

SetFileName(pValue As String) As Object

pValue

Input file name

AcSmDatabase.SetFileName Method

Set the file name for this database. You can set the file name only once.

Syntax

SetFileName(newVal As String) As Object

newVal

Input file name for the database

AcSmFileReference.SetFileName Method

Sets the file name that this object will reference.

A fully qualified file name should be used.

Syntax

SetFileName(pValue As String) As Object

pValue

Input string indicating a file name and path to be referenced

AcSmNamedAcDbObjectReference.SetFileName Method

Sets the file name that this object will reference.

Syntax	
SetFileName(pValue As String) As	Object
pValue	Input file name
	Please send us your comment about this page

AcSmCustomPropertyValue.SetFlags Method

Sets a combination of PropertyFlags enum values associated with the custom property.

Syntax	
SetFlags(value As _	MIDLMIDL_itf_AcSmComponents_0268_0001) As Object
value	Input property flags enumeration associated with the custom property
	Please send us your comment about this page

AcSmPublishOptions.SetIncludePlotStamp Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetIncludePlotStamp() As Boolean

AcSmDatabase.SetIsTemporary Method

Marks the database as non-persisted.

Syntax

SetIsTemporary() As Object

AcSmSheet.SetIssuePurpose Method

Sets the **IssuePurpose** property. Returns **S_OK** if successful.

Syntax

SetIssuePurpose(newVal As BSTR) As HRESULT

newVal

Input string to set the IssuePurpose property

AcSmPublishOptions.SetLayerInfo Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetLayerInfo(value As Boolean) As Object

value

Input value

Sets the AcSmAcDbLayoutReference object, which references the drawing and layout associated with the sheet component.

Syntax	
SetLayout(pLayoutRef As IAcSmAcDbLayout	Reference) As Object
indicatin	DbLayoutReference g the drawing and layout d with the sheet ent
<u>P</u>]	ease send us your comment about this page

AcSmAcDbBlockRecordReference.SetName Method

Sets the name of the referenced object.

Syntax

SetName(name As String) As Object

name

Input string containing the name of a symbol table record or dictionary entry

AcSmAcDbLayoutReference.SetName Method

Sets the name of the referenced object.

Syntax

SetName(name As String) As Object

name

Input string containing the name of a symbol table record or dictionary entry

AcSmAcDbViewReference.SetName Method

Sets the name of the referenced object.

Syntax

SetName(name As String) As Object

name

Input string containing the name of a symbol table record or dictionary entry

AcSmCalloutBlockReferences.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmCalloutBlocks.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmDatabase.SetName Method

Sets the NameName property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmNamedAcDbObjectReference.SetName Method

Sets the name of the referenced object.

Syntax

SetName(name As String) As Object

name

Input string containing the name of a symbol table record or dictionary entry

AcSmResources.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSheet.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSheetSelSet.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSheetSelSets.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

Returns S_FALSE without setting the Name property of the component. The Name property of the component should be changed at the component level.

Syntax	
SetName(name As S	tring) As Object
name	Input string containing Name value
	Please send us your comment about this page

AcSmSheetView.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSheetViews.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSubset.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmViewCategories.SetName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmViewCategory.SetName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

IAcSmComponent.SetName Method

Sets the Name property of the component.

Syntax

SetName(name As String) As Object

name

Input string containing Name value

AcSmSheetView.SetNamedView Method

Sets the AcSmAcDbViewReference that points to the named AcDbView object on the sheet referenced by this sheet view component.

Syntax

SetNamedView(
pViewRef As IAcSmAcDbViewReference) As Object

pViewRef Input AcSmAcDbViewReference that provides a drawing name, view name, and handle for a view
AcSmSheetSet.SetNewSheetLocation Method

Sets the IAcSmFileReference that points to the location in the file system where new sheets are created.

Syntax

SetNewShee	etLo	ocation(
pFileRef	As	IAcSmFileReference)	As	Object

pFileRef

Input pointer to location to be referenced

AcSmSubset.SetNewSheetLocation Method

Sets the IAcSmFileReference that points to the location in the file system where new sheets are created.

Syntax

SetNewSheetLocation(pFileRef As IAcSmFileReference) As Object

pFileRef Input IAcSmFileReference pointing to the location in the file system where new sheets are created

AcSmSheet.SetNumber Method

Sets the Number property of the sheet.

Syntax

SetNumber(num As String) As Object

num

Input string indicating the sheet number

AcSmSheetView.SetNumber Method

Sets the Number property of the sheet view.

Syntax

SetNumber(num As String) As Object

num

Input Number property of the sheet view

AcSmPublishOptions.SetOutputFileName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetOutputFileName(value As IAcSmFileReference) As Object

value

Input value

AcSmAcDbBlockRecordReference.SetOwnerAcDbHandl Method

Sets the AcDbHandle of the owning AcDbObject.

SetOwnerAcDbHandle(handle As String) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmAcDbLayoutReference.SetOwnerAcDbHandle Method

Sets the AcDbHandle of the owning AcDbObject.

SetOwnerAcDbHandle(handle As String) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmAcDbViewReference.SetOwnerAcDbHandle Method

Sets the AcDbHandle of the owning AcDbObject.

Syntax	
SetOwnerAcDbHandle(handle As String) As	Object
handle	Input string that indicates the AcDbHandleAcDbHandle to set
	Please send us your comment about this page

AcSmNamedAcDbObjectReference.SetOwnerAcDbHand Method

Sets the AcDbHandle of the owning AcDbObject.

Syntax

SetOwnerAcDbHandle(handle As String) As Object

handle

Input string that indicates the AcDbHandle to set

AcSmAcDbBlockRecordReference.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmAcDbLayoutReference.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmAcDbObjectReference.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmAcDbViewReference.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
-	
pOwner	Input pointer to the object
	Please send us your comment about this page

AcSmCalloutBlockReferences.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmCalloutBlocks.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmCustomPropertyBag.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmCustomPropertyValue.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmDatabase.SetOwner Method

Syntax	
Cat Quinar (
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	owner of the object
	<u>Please send us your comment about this page</u>

AcSmFileReference.SetOwner Method

Syntax	
SetOwner(pOwner As I	AcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmNamedAcDbObjectReference.SetOwner Method

Syntax	
SetOwner(pOwner As IA	cSmPersist) As Object
pOwner	Input pointer to the
	owner of the object
	Please send us your comment about this page

AcSmObjectReference.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page
pOwner	owner of the object

AcSmPersistProxy.SetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetOwner(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmPublishOptions.SetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetOwner(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmResources.SetOwner Method

Syntax	
SetOwner(pOwner As IAcSmPersist) As Object	
pOwner Input pointer to the owner of the object	
Please send us your comment about this p	<u>age</u>

AcSmSheet.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmSheetSelSet.SetOwner Method

Syntax	
/	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmSheetSelSets.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmSheetSet.SetOwner Method

Syntax	
Cat Quinar (
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	owner of the object
	<u>Please send us your comment about this page</u>

AcSmSheetView.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmSheetViews.SetOwner Method

Syntax	
Sat Oupor (
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmSubset.SetOwner Method

Syntax	
SetOwner(
•	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmViewCategories.SetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetOwner(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

AcSmViewCategory.SetOwner Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetOwner(pOwner As IAcSmPersist) As Object

pOwner

Input pointer to the owner of the object

IAcSmComponent.SetOwner Method

Syntax	
/	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

IAcSmPersist.SetOwner Method

Syntax	
SetOwner(pOwner As	IAcSmPersist) As Object
pOwner	Input pointer to the owner of the object
	Please send us your comment about this page

AcSmPublishOptions.SetPassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetPassword() As Object
AcSmSheetSet.SetProjectMilestone Method

Sets the ProjectMilestone property. Returns S_OK if successful.

Syntax

SetProjectMilestone(newVal As BSTR) As HRESULT

newVal

Input string to set the ProjectMilestone property

AcSmSheetSet.SetProjectName Method

Sets the project name associated with this sheet set. Returns **S_OK** if successful.

Syntax

SetProjectName(newVal As BSTR) As HRESULT

newVal Input string to set the ProjectNameProjectName property

AcSmSheetSet.SetProjectNumber Method

Sets the project number associated with this sheet set. Returns S_OK if successful.

Syntax

SetProjectNumber(newVal As BSTR) As HRESULT

newVal

Input string to set the ProjectNumber property

AcSmSheetSet.SetProjectPhase Method

Sets the ProjectPhase property. Returns S_OK if successful.

Syntax

SetProjectPhase(newVal As BSTR) As HRESULT

newVal

Input string to set the ProjectPhase property

AcSmSheetSet.SetPromptForDwgName Method

Sets the flag indicating whether the user interface should prompt for the name of a new drawing.

Syntax

SetPromptForDwgName(askForName As Boolean) As Object

askForName Input Boolean indicating whether the user interface should prompt for the name of a new drawing

AcSmSheetSet.SetPromptForDwt Method

Sets the Boolean flag that indicates whether the application should prompt for a DWT file.

Syntax

SetPromptForDwt(askForDwt As Boolean) As Object

askForDwt

Input flag indicating whether the application should prompt for a DWT file

AcSmSubset.SetPromptForDwt Method

Sets a Boolean flag indicating if the application should prompt for a DWT file.

Syntax

SetPromptForDwt(askForDwt As Boolean) As Object

askForDwt

Input Boolean flag indicating if the application should prompt for a DWT file

AcSmPublishOptions.SetPromptForName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetPromptForName(value As Boolean) As Object

value

Input value

AcSmPublishOptions.SetPromptForPassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetPromptForPassword(value As Boolean) As Object

value

Input Boolean indicating whether to prompt for password

AcSmCustomPropertyBag.SetProperty Method

Sets the IAcSmCustomPropertyValue specified with the Name parameter.

You can remove a property by specifying a null IAcSmCustomPropertyValue value.

Syntax

SetProperty(name As String, value As IAcSmCustomP	PropertyValue) As Object
name	Input string containing the Name value of a property
value	Input pointer to a properly initialized IAcSmCustomPropertyValue

AcSmObjectReference.SetReferenceFlags Method

Sets the reference flags to hard referencing or soft referencing.

Syntax

SetReferenceFlags(value As AcSmObjectReferenceFlags) As Object

value

Input flag for hard referencing or for soft referencing

AcSmObjectReference.SetReferencedObject Method

Sets the IAcSmPersist object to reference.

Syntax

SetReferencedObject(pObject As IAcSmPersist) As Object

pObject

Input pointer to the IAcSmPersist object to reference

AcSmSheet.SetRevisionDate Method

Sets the RevisionDate property. Returns S_OK if successful.

Syntax

SetRevisionDate(newVal As BSTR) As HRESULT

newVal

Input string to set the RevisionDate property

AcSmSheet.SetRevisionNumber Method

Sets the RevisionNumber property. Returns S_OK if successful.

Syntax

SetRevisionNumber(newVal As BSTR) As HRESULT

newVal Input string to set the RevisionNumberRevisionNumber property

Sets the title of the sheet.

Syntax

SetTitle(title As String) As Object

title

Input string containing the title of the sheet

AcSmSheetView.SetTitle Method

Sets the TitleTitle property of the sheet view.

Syntax

SetTitle(title As String) As Object

title

Input Title property of the sheet view

AcSmPersistProxy.SetTypeName Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetTypeName(value As String) As Object

value

Input value

AcSmPublishOptions.SetUnrecognizedData Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetUnrecognizedData() As Object

AcSmPublishOptions.SetUnrecognizedSections Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetUnrecognizedSections() As Object

AcSmPublishOptions.SetUsePassword Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

SetUsePassword(value As Boolean) As Object

value

Input value

AcSmCustomPropertyValue.SetValue Method

Sets the variant value associated with the custom property.

Syntax

SetValue(value As Variant) As Object

value

Input variant value to associate with the custom property

AcSmSheetSet.Sync Method

Updates the sheet view components in the sheet set of the provided AcadDatabase object.

Syntax	
Sync(IAcadDatabase) As Object
hvon va	Incaubatabase) As object
pXDb	Input IAcadDatabase object
	Please send us your comment about this page

AcSmSheetViews.Sync Method

Updates the sheet view components in the collection according to the provided AcSmAcDbLayoutReference and IAcadDatabase.

Syntax

Sync(pLayout As IAcSmAcDbLayoutReference, pXDb As IAcadDatabase) As Object

pLayout	Input AcSmAcDbLayoutReference to update
pXDb	Input IAcadDatabase to use for the update

U Methods

Topics in this section

- AcSmDatabase.UnlockDb Method
- AcSmDatabase.Unregister Method
- AcSmSheetSet.Unregister Method
- AcSmSheetSetMgr.Unregister Method
- AcSmDatabase.UpdateInMemoryDwgHints Method
- <u>AcSmSheetSet.UpdateInMemoryDwgHints Method</u>
- AcSmSubset.UpdateInMemoryDwgHints Method

AcSmDatabase.UnlockDb Method

Unlocks the database.

Use the **bCommit** parameter to specify if changes should be saved to disk.

Syntax UnlockDb(pObject As Object, bCommit As Boolean = True) As Object pObject Input owner of the database lock bCommit Input Boolean specifying True if changes should be saved to disk

AcSmDatabase.Unregister Method

Unregisters a callback notification handler that was previously registered.

Syntax

Unregister(cookie As Long) As Object

cookie

Input long indicating the cookie value for the Register call

AcSmSheetSet.Unregister Method

Unregisters a callback notification handler that was previously registered.

Syntax

```
Unregister(
cookie As Long) As Object
```

cookie

Input cookie value received in the registration call

AcSmSheetSetMgr.Unregister Method

Unregisters a callback notification handler that was previously registered.

Syntax

Unregister(cookie As Long) As Object

cookie

Input cookie value received in the RegisterRegister call

AcSmDatabase.UpdateInMemoryDwgHints Method

Updates the hints in the open drawings referenced by this database.

Syntax

UpdateInMemoryDwgHints() As Object

AcSmSheetSet.UpdateInMemoryDwgHints Method

Updates the hints in the open drawings referenced in the subset.

Syntax

UpdateInMemoryDwgHints() As Object

AcSmSubset.UpdateInMemoryDwgHints Method

Updates the hints in the open drawings referenced in the subset.

Syntax

UpdateInMemoryDwgHints() As Object

W Methods

Topics in this section

- AcSmDSTFiler.WriteObject Method
- AcSmDSTFiler.WriteProperty Method
- AcSmDSTFiler.WriteRawData Method

AcSmDSTFiler.WriteObject Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

WriteObject(pObj As IAcSmPersist) As Object

pObj

Input pointer to the IAcSmPersist object to write

AcSmDSTFiler.WriteProperty Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

WriteProperty(pPropname As String, pVal As Variant) As Object

pPropname	Input string indicating the name of the property to be written
pVal	Input variant indicating the value of the property to be written

AcSmDSTFiler.WriteRawData Method

This API was designed for internal use and has not been thoroughly tested.

Syntax

WriteRawData(p As Byte, count As Long) As Object p Input pointer to the raw data buffer count Input pointer to the size of the raw data buffer Please send us your comment about this page

Properties

Topics in this section

- <u>A Properties</u>
- <u>C Properties</u>
- E Properties
- M Properties
- <u>S Properties</u>
A Properties

Topics in this section

- AcSmEvent.ACSM_DATABASE_CHANGED Property
- AcSmEvent.ACSM_DATABASE_CREATED Property
- AcSmEvent.ACSM_DATABASE_IS_CLOSING Property
- AcSmEvent.ACSM_DATABASE_LOAD_BEGIN Property
- <u>AcSmEvent.ACSM_DATABASE_LOAD_COMPLETE Property</u>
- <u>AcSmEvent.ACSM_DATABASE_LOAD_FAILED Property</u>
- AcSmEvent.ACSM_DATABASE_LOCKED Property
- AcSmEvent.ACSM_DATABASE_OPENED Property
- AcSmEvent.ACSM_DATABASE_UNLOCKED Property

AcSmEvent.ACSM_DATABASE_CHANGED Property

Event signifying that the database changed on disk. In response to this event, programs usually should use the LoadFromFile method of the AcSmDatabase object. The LoadFromFile method updates the database so it is the same as the database version on disk.

Syntax

ACSM_DATABASE_CHANGED() As Long

AcSmEvent.ACSM_DATABASE_CREATED Property

Event signifying that a database was created.

Syntax

ACSM_DATABASE_CREATED() As Long

AcSmEvent.ACSM_DATABASE_IS_CLOSING Property

Event signifying that an AcSmDatabase object is closing.

Syntax

ACSM_DATABASE_IS_CLOSING() As Long

AcSmEvent.ACSM_DATABASE_LOAD_BEGIN Property

Event signifying that a database began loading in memory from disk.

Syntax

ACSM_DATABASE_LOAD_BEGIN() As Long

AcSmEvent.ACSM_DATABASE_LOAD_COMPLETE Property

Event signifying that a database completed a load into memory from disk.

Syntax

ACSM_DATABASE_LOAD_COMPLETE() As Long

AcSmEvent.ACSM_DATABASE_LOAD_FAILED Property

Event signifying that a database failed to load in memory from disk.

Syntax

ACSM_DATABASE_LOAD_FAILED() As Long

AcSmEvent.ACSM_DATABASE_LOCKED Property

Event signifying that the database is locked.

Syntax

ACSM_DATABASE_LOCKED() As Long

AcSmEvent.ACSM_DATABASE_OPENED Property

Event signifying that the database is opened.

Syntax

ACSM_DATABASE_OPENED() As Long

AcSmEvent.ACSM_DATABASE_UNLOCKED Property

Event signifying that the database is unlocked.

Syntax

ACSM_DATABASE_UNLOCKED() As Long

C Properties

Topics in this section

- <u>AcSmEvent.CALLOUT_BLOCK_ADDED Property</u>
- AcSmEvent.CALLOUT_BLOCK_DELETED Property
- <u>AcSmEvent.CUSTOM_SHEET_PROP Property</u>

AcSmEvent.CALLOUT_BLOCK_ADDED Property

Event signifying that a callout block was added.

Syntax

CALLOUT_BLOCK_ADDED() As Long

AcSmEvent.CALLOUT_BLOCK_DELETED Property

Event signifying that a callout block was deleted.

Syntax

CALLOUT_BLOCK_DELETED() As Long

AcSmEvent.CUSTOM_SHEET_PROP Property

The value specifies that a custom property is automatically inherited from the sheet set to its sheets.

Syntax

CUSTOM_SHEET_PROP() As Long

Topics in this section

PropertyFlags.EMPTY Property

PropertyFlags.EMPTY Property

The value is zero.

Syntax

EMPTY() As Long

M Properties

Topics in this section

- AcSmEvent.MODEL_RESOURCE_ADDED Property
- <u>AcSmEvent.MODEL_RESOURCE_DELETED Property</u>

AcSmEvent.MODEL_RESOURCE_ADDED Property

Event signifying that a model resource was added.

Syntax

MODEL_RESOURCE_ADDED() As Long

AcSmEvent.MODEL_RESOURCE_DELETED Property

Event signifying that a model resource was deleted.

Syntax

MODEL_RESOURCE_DELETED() As Long

S Properties

Topics in this section

- AcSmEvent.SHEETS_RENUMBERED Property
- AcSmEvent.SHEET_ADDED Property
- AcSmEvent.SHEET_DELETED Property
- AcSmEvent.SHEET_SELECTION_SET_CREATED Property
- AcSmEvent.SHEET_SELECTION_SET_DELETED Property
- AcSmEvent.SHEET_SUBSET_CREATED Property
- AcSmEvent.SHEET_SUBSET_DELETED Property
- <u>AcSmEvent.SHEET_VIEW_CATEGORY_CREATED Property</u>
- AcSmEvent.SHEET_VIEW_CATEGORY_DELETED Property
- <u>AcSmEvent.SHEET_VIEW_CREATED Property</u>
- AcSmEvent.SHEET_VIEW_DELETED Property

AcSmEvent.SHEETS_RENUMBERED Property

This API was designed for internal use and has not been thoroughly tested.

Syntax

SHEETS_RENUMBERED() As Long

AcSmEvent.SHEET_ADDED Property

Event signifying that a sheet was added.

Syntax

SHEET_ADDED() As Long

AcSmEvent.SHEET_DELETED Property

Event signifying that a sheet was deleted.

Syntax

SHEET_DELETED() As Long

AcSmEvent.SHEET_SELECTION_SET_CREATED Property

Event signifying that a sheet selection set was created.

Syntax

SHEET_SELECTION_SET_CREATED() As Long

AcSmEvent.SHEET_SELECTION_SET_DELETED Property

Event signifying that a sheet selection set was deleted.

Syntax

SHEET_SELECTION_SET_DELETED() As Long

AcSmEvent.SHEET_SUBSET_CREATED Property

Event signifying that a sheet subset was created.

Syntax

SHEET_SUBSET_CREATED() As Long

AcSmEvent.SHEET_SUBSET_DELETED Property

Event signifying that a sheet subset was deleted.

Syntax

SHEET_SUBSET_DELETED() As Long

AcSmEvent.SHEET_VIEW_CATEGORY_CREATED Property

Event signifying that a sheet view category was deleted.

Syntax

SHEET_VIEW_CATEGORY_DELETED() As Long

AcSmEvent.SHEET_VIEW_CATEGORY_DELETED Property

Event signifying that a sheet view category was deleted.

Syntax

SHEET_VIEW_CATEGORY_DELETED() As Long

AcSmEvent.SHEET_VIEW_CREATED Property

Event signifying that a sheet view was created.

Syntax

SHEET_VIEW_CREATED() As Long

AcSmEvent.SHEET_VIEW_DELETED Property

Event signifying that a sheet view was deleted.

Syntax

SHEET_VIEW_DELETED() As Long

Topics in this section

• <u>A Enums</u>

A Enums

Topics in this section

- AcSmLockStatus
- <u>AcSmObjectReferenceFlags</u>

Lock status of an IACSmDatabase, based on bitcode values.

Name	Value	Description
AcSmLockStatus_Locked_Local	1	The database is locked and open for write access.
AcSmLockStatus_Locked_ReadOnly	4	Write access to the database is denied because it is read-only.
AcSmLockStatus_Locked_Remote	2	Write access to the database is denied because it is remote.
AcSmLockStatus_UnLocked	0	Write access to the database is denied because it was not locked.

AcSmLockStatus_Locked_AccessDenied	16	Access to the database is denied due to lack of rights for access.
AcSmLockStatus_Locked_NotConnected	8	Access to the database is denied due to a lost connection to the database.

The kind of referencing provided by an IAcSmObjectReference. An IAcSmObjectReference is used to create an object reference from one component to another.

Name	Value	Description
AcSmObjectReference_HardPointer	2	The referenced object is essential to the existence of the object that refers to it.
AcSmObjectReference_SoftPointer	1	The referenced object is not essential to the existence of the object that refers to it.