Overview of Sheet Set Manager Objects

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) as well as determine which databases are already open.

AcSmDatabase contains a hierarchy 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).

AcSmSheetSet 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 2005 (Version 8). 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 2008\Sample\ActiveX\SheetSetVBA.

Sheet Set Object Model

Click an object or collection to view the description.			

Guidelines for Modifying a Sheet Set

The sheet set API is a multiclient API. This means that multiple clients may be viewing and interacting with a given AcSmDatabase 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 AcSmDatabase 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 GetObjectId method on the object. Conversely, you can get the associated object instance from an ID by calling the GetPeristentObject

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

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

Create or Open a Sheet Set Database

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

After you create an AcSmSheetSetMgr object, you can use the <u>CreateDatabase</u> method to create an AcSmDatabase object. Specify a file name with a DST extension. Alternatively, you can use the <u>OpenDatabase</u> method to open an existing database. You can also access databases that are currently open. Use the <u>GetDatabaseEnumerator</u> method to obtain an enumerator that provides access to the list of open databases. You can retrieve a specific open database using the <u>FindOpenDatabase</u> 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. UnLockDb has a Boolean commit parameter that controls this behavior. If the value of the commit parameter is true, then the changes will be written to the file. If you pass in false for the 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. Conversely, you can get the associated object instance from an ID by calling the GetPeristentObject method.

Add a Sheet Set to a Database

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.

Reliably Access Sheet Set Components

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 following folder: C:\Program Files\AutoCAD Spago Beta

 $3 \\ Sample \\ Active \\ X \\ Sheet \\ Set \\ VBA.$

Create a Subset

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.

Add Custom Data

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

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

A Objects

AcSmAcDbBlockRecordReference

AcSmAcDbDatabase

AcSmAcDbLayoutReference

AcSmAcDbObjectReference

AcSmAcDbViewReference

AcSmCalloutBlockReferences

AcSmCalloutBlocks

AcSmCustomPropertyBag

AcSmCustomPropertyValue

AcSmDatabase

AcSmDSTFiler

AcSmEvent

AcSmFileReference

AcSmNamedAcDbObjectReference

AcSmObjectReference

AcSmPersistProxy

AcSmPublishOptions

AcSmResources

AcSmSheet

AcSmSheetSelSet

<u>AcSmSheetSelSets</u>

AcSmSheetSet

AcSmSheetSetMgr

AcSmSheetView

AcSmSheetViews

AcSmSubset AcSmViewCategories AcSmViewCategory

I Objects

IAcSmComponent

IAcSmEnumAcDbBlockRecordReference

IAcSmEnumComponent

IAcSmEnumDatabase

IAcSmEnumFileReference

IAcSmEnumPersist

IAcSmEnumProperty

IAcSmEnumSheetSelSet

IAcSmEnumSheetView

IAcSmEnumViewCategory

IAcSmEvents

IAcSmObjectId

IAcSmPersist

<u>PropertyFlags</u>	
	Comments?

Methods

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

A Methods

Add (AcSmCalloutBlockReferences)

Add (AcSmCalloutBlocks)

Add (AcSmResources)

Add (AcSmSheetSelSet)

Add (AcSmSheetSelSets)

AddNewSheet (AcSmSheetSet)

AddNewSheet (AcSmSubset)

C Methods

Clear (AcSmAcDbBlockRecordReference)

<u>Clear (AcSmAcDbLayoutReference)</u>

Clear (AcSmAcDbObjectReference)

Clear (AcSmAcDbViewReference)

Clear (AcSmCalloutBlockReferences)

Clear (AcSmCalloutBlocks)

Clear (AcSmCustomPropertyBag)

<u>Clear (AcSmCustomPropertyValue)</u>

Clear (AcSmDatabase)

Clear (AcSmFileReference)

Clear (AcSmNamedAcDbObjectReference)

Clear (AcSmObjectReference)

Clear (AcSmPersistProxy)

Clear (AcSmPublishOptions)

Clear (AcSmResources)

Clear (AcSmSheet)

Clear (AcSmSheetSelSet)

Clear (AcSmSheetSelSets)

Clear (AcSmSheetSet)

Clear (AcSmSheetView)

Clear (AcSmSheetViews)

Clear (AcSmSubset)

Clear (AcSmViewCategories)

Clear (AcSmViewCategory)

Clear (IAcSmComponent)

Clear (IAcSmPersist)

Close (AcSmDSTFiler)

Close (AcSmSheetSetMgr)

CloseAll (AcSmSheetSetMgr)

CreateDatabase (AcSmSheetSetMgr)

CreateSubset (AcSmSheetSet)

CreateSubset (AcSmSubset)

CreateViewCategory (AcSmViewCategories)

FindObject (AcCmDatabase)	
FindObject (AcSmDatabase)	
FindOpenDatabase (AcSmSheetSetMgr)	
	Comments?

F Methods

G Methods

GetAcDbDatabase (AcSmAcDbDatabase)

GetAcDbHandle (AcSmAcDbBlockRecordReference)

GetAcDbHandle (AcSmAcDbLayoutReference)

GetAcDbHandle (AcSmAcDbObjectReference)

GetAcDbHandle (AcSmAcDbViewReference)

GetAcDbHandle (AcSmNamedAcDbObjectReference)

GetAcSmAcDbDatabase (AcSmAcDbBlockRecordReference)

GetAcSmAcDbDatabase (AcSmAcDbLayoutReference)

GetAcSmAcDbDatabase (AcSmAcDbObjectReference)

GetAcSmAcDbDatabase (AcSmAcDbViewReference)

GetAcSmAcDbDatabase (AcSmNamedAcDbObjectReference)

<u>GetAltPageSetups (AcSmSheetSet)</u>

GetCalloutBlocks (AcSmSheetSet)

GetCalloutBlocks (AcSmViewCategory)

GetCategory (AcSmSheet)

GetCategory (AcSmSheetView)

GetCurrentObject (AcSmDSTFiler)

GetCurrentObjectHeaderInfo (AcSmDSTFiler)

GetCustomPropertyBag (AcSmCalloutBlockReferences)

<u>GetCustomPropertyBag (AcSmCalloutBlocks)</u>

GetCustomPropertyBag (AcSmDatabase)

GetCustomPropertyBag (AcSmResources)

GetCustomPropertyBag (AcSmSheet)

GetCustomPropertyBag (AcSmSheetSelSet)

<u>GetCustomPropertyBag (AcSmSheetSelSets)</u>

GetCustomPropertyBag (AcSmSheetSet)

<u>GetCustomPropertyBag (AcSmSheetView)</u>

GetCustomPropertyBag (AcSmSheetViews)

GetCustomPropertyBag (AcSmSubset)

GetCustomPropertyBag (AcSmViewCategories)

<u>GetCustomPropertyBag (AcSmViewCategory)</u>

<u>GetCustomPropertyBag (IAcSmComponent)</u>

GetDatabase (AcSmAcDbBlockRecordReference)

GetDatabase (AcSmAcDbLayoutReference)

GetDatabase (AcSmAcDbObjectReference)

GetDatabase (AcSmAcDbViewReference)

<u>GetDatabase (AcSmCalloutBlockReferences)</u>

GetDatabase (AcSmCalloutBlocks)

GetDatabase (AcSmCustomPropertyBag)

GetDatabase (AcSmCustomPropertyValue)

GetDatabase (AcSmDatabase)

GetDatabase (AcSmDSTFiler)

GetDatabase (AcSmFileReference)

GetDatabase (AcSmNamedAcDbObjectReference)

GetDatabase (AcSmObjectReference)

GetDatabase (AcSmPersistProxy)

GetDatabase (AcSmPublishOptions)

GetDatabase (AcSmResources)

GetDatabase (AcSmSheet)

GetDatabase (AcSmSheetSelSet)

GetDatabase (AcSmSheetSelSets)

GetDatabase (AcSmSheetSet)

GetDatabase (AcSmSheetView)

GetDatabase (AcSmSheetViews)

GetDatabase (AcSmSubset)

GetDatabase (AcSmViewCategories)

GetDatabase (AcSmViewCategory)

GetDatabase (IAcSmComponent)

GetDatabase (IAcSmObjectId)

GetDatabase (IAcSmPersist)

GetDatabaseEnumerator (AcSmSheetSetMgr)

GetDbVersion (AcSmDatabase)

GetDefAltPageSetup (AcSmSheetSet)

GetDefaultOutputdir (AcSmPublishOptions)

GetDefaultViewCategory (AcSmViewCategories)

GetDefDwtLayout (AcSmSheetSet)

GetDefDwtLayout (AcSmSubset)

GetDefLabelBlk (AcSmSheetSet)

GetDesc (AcSmCalloutBlockReferences)

GetDesc (AcSmCalloutBlocks)

GetDesc (AcSmDatabase)

GetDesc (AcSmResources)

GetDesc (AcSmSheet)

GetDesc (AcSmSheetSelSet)

GetDesc (AcSmSheetSelSets)

GetDesc (AcSmSheetSet)

GetDesc (AcSmSheetView)

GetDesc (AcSmSheetViews)

GetDesc (AcSmSubset)

GetDesc (AcSmViewCategories)

GetDesc (AcSmViewCategory)

GetDesc (IAcSmComponent)

GetDirectlyOwnedObjects (AcSmAcDbBlockRecordReference)

GetDirectlyOwnedObjects (AcSmAcDbLayoutReference)

GetDirectlyOwnedObjects (AcSmAcDbObjectReference)

GetDirectlyOwnedObjects (AcSmAcDbViewReference)

GetDirectlyOwnedObjects (AcSmCalloutBlockReferences)

GetDirectlyOwnedObjects (AcSmCalloutBlocks)

GetDirectlyOwnedObjects (AcSmCustomPropertyBag)

GetDirectlyOwnedObjects (AcSmCustomPropertyValue)

GetDirectlyOwnedObjects (AcSmDatabase)

GetDirectlyOwnedObjects (AcSmFileReference)

GetDirectlyOwnedObjects (AcSmNamedAcDbObjectReference)

GetDirectlyOwnedObjects (AcSmObjectReference)

GetDirectlyOwnedObjects (AcSmPersistProxy)

GetDirectlyOwnedObjects (AcSmPublishOptions)

GetDirectlyOwnedObjects (AcSmResources)

GetDirectlyOwnedObjects (AcSmSheet)

GetDirectlyOwnedObjects (AcSmSheetSelSet)

GetDirectlyOwnedObjects (AcSmSheetSelSets)

GetDirectlyOwnedObjects (AcSmSheetSet)

GetDirectlyOwnedObjects (AcSmSheetView)

GetDirectlyOwnedObjects (AcSmSheetViews)

GetDirectlyOwnedObjects (AcSmSubset)

GetDirectlyOwnedObjects (AcSmViewCategories)

GetDirectlyOwnedObjects (AcSmViewCategory)

GetDirectlyOwnedObjects (IAcSmComponent)

GetDirectlyOwnedObjects (IAcSmPersist)

GetDoNotPlot (AcSmSheet)

GetDwfType (AcSmPublishOptions)

GetEnumerator (AcSmCalloutBlockReferences)

GetEnumerator (AcSmCalloutBlocks)

GetEnumerator (AcSmDatabase)

GetEnumerator (AcSmResources)

GetEnumerator (AcSmSheetSelSet)

GetEnumerator (AcSmSheetSelSets)

GetEnumerator (AcSmSheetViews)

GetEnumerator (AcSmViewCategories)

GetFileName (AcSmAcDbBlockRecordReference)

GetFileName (AcSmAcDbLayoutReference)

GetFileName (AcSmAcDbObjectReference)

GetFileName (AcSmAcDbViewReference)

GetFileName (AcSmDatabase)

GetFileName (AcSmFileReference)

GetFileName (AcSmNamedAcDbObjectReference)

GetFlags (AcSmCustomPropertyValue)

GetHandle (IAcSmObjectId)

GetIAcadDatabase (AcSmAcDbDatabase)

GetIncludePlotStamp (AcSmPublishOptions)

GetIsDirty (AcSmAcDbBlockRecordReference)

GetIsDirty (AcSmAcDbLayoutReference)

GetIsDirty (AcSmAcDbObjectReference)

GetIsDirty (AcSmAcDbViewReference)

GetIsDirty (AcSmCalloutBlockReferences)

GetIsDirty (AcSmCalloutBlocks)

GetIsDirty (AcSmCustomPropertyBag)

GetIsDirty (AcSmCustomPropertyValue)

GetIsDirty (AcSmDatabase)

GetIsDirty (AcSmFileReference)

GetIsDirty (AcSmNamedAcDbObjectReference)

GetIsDirty (AcSmObjectReference)

GetIsDirty (AcSmPersistProxy)

GetIsDirty (AcSmPublishOptions)

GetIsDirty (AcSmResources)

GetIsDirty (AcSmSheet)

GetIsDirty (AcSmSheetSelSet)

GetIsDirty (AcSmSheetSelSets)

GetIsDirty (AcSmSheetSet)

GetIsDirty (AcSmSheetView)

GetIsDirty (AcSmSheetViews)

GetIsDirty (AcSmSubset)

GetIsDirty (AcSmViewCategories)

GetIsDirty (AcSmViewCategory)

GetIsDirty (IAcSmComponent)

GetIsDirty (IAcSmPersist)

GetIssuePurpose (AcSmSheet)

GetIsTemporary (AcSmDatabase)

GetLayerInfo (AcSmPublishOptions)

GetLayout (AcSmSheet)

GetLockOwnerInfo (AcSmDatabase)

GetLockStatus (AcSmDatabase)

GetName (AcSmAcDbBlockRecordReference)

GetName (AcSmAcDbLayoutReference)

GetName (AcSmAcDbViewReference)

GetName (AcSmCalloutBlockReferences)

GetName (AcSmCalloutBlocks)

GetName (AcSmDatabase)

<u>GetName (AcSmNamedAcDbObjectReference)</u>

GetName (AcSmResources)

GetName (AcSmSheet)

GetName (AcSmSheetSelSet)

GetName (AcSmSheetSelSets)

GetName (AcSmSheetSet)

GetName (AcSmSheetView)

GetName (AcSmSheetViews)

GetName (AcSmSubset)

GetName (AcSmViewCategories)

GetName (AcSmViewCategory)

GetName (IAcSmComponent)

GetNamedView (AcSmSheetView)

GetNewObjectId (AcSmDatabase)

GetNewSheetLocation (AcSmSheetSet)

GetNewSheetLocation (AcSmSubset)

GetNumber (AcSmSheet)

GetNumber (AcSmSheetView)

GetObjectId (AcSmAcDbBlockRecordReference)

GetObjectId (AcSmAcDbLayoutReference)

GetObjectId (AcSmAcDbObjectReference)

GetObjectId (AcSmAcDbViewReference)

GetObjectId (AcSmCalloutBlockReferences)

GetObjectId (AcSmCalloutBlocks)

GetObjectId (AcSmCustomPropertyBag)

<u>GetObjectId (AcSmCustomPropertyValue)</u>

GetObjectId (AcSmDatabase)

GetObjectId (AcSmFileReference)

GetObjectId (AcSmNamedAcDbObjectReference)

GetObjectId (AcSmObjectReference)

GetObjectId (AcSmPersistProxy)

GetObjectId (AcSmPublishOptions)

GetObjectId (AcSmResources)

GetObjectId (AcSmSheet)

GetObjectId (AcSmSheetSelSet)

GetObjectId (AcSmSheetSelSets)

GetObjectId (AcSmSheetSet)

GetObjectId (AcSmSheetView)

GetObjectId (AcSmSheetViews)

GetObjectId (AcSmSubset)

GetObjectId (AcSmViewCategories)

GetObjectId (AcSmViewCategory)

GetObjectId (IAcSmComponent)

GetObjectId (IAcSmPersist)

GetOutputFileName (AcSmPublishOptions)

GetOwner (AcSmAcDbBlockRecordReference)

GetOwner (AcSmAcDbLayoutReference)

GetOwner (AcSmAcDbObjectReference)

GetOwner (AcSmAcDbViewReference)

GetOwner (AcSmCalloutBlockReferences)

GetOwner (AcSmCalloutBlocks)

GetOwner (AcSmCustomPropertyBag)

GetOwner (AcSmCustomPropertyValue)

GetOwner (AcSmDatabase)

GetOwner (AcSmFileReference)

GetOwner (AcSmNamedAcDbObjectReference)

GetOwner (AcSmObjectReference)

GetOwner (AcSmPersistProxy)

GetOwner (AcSmPublishOptions)

GetOwner (AcSmResources)

GetOwner (AcSmSheet)

<u>GetOwner (AcSmSheetSelSet)</u>

GetOwner (AcSmSheetSelSets)

GetOwner (AcSmSheetSet)

GetOwner (AcSmSheetView)

GetOwner (AcSmSheetViews)

GetOwner (AcSmSubset)

GetOwner (AcSmViewCategories)

GetOwner (AcSmViewCategory)

GetOwner (IAcSmComponent)

GetOwner (IAcSmObjectId)

GetOwner (IAcSmPersist)

GetOwnerAcDbHandle (AcSmAcDbBlockRecordReference)

GetOwnerAcDbHandle (AcSmAcDbLayoutReference)

GetOwnerAcDbHandle (AcSmAcDbViewReference)

GetOwnerAcDbHandle (AcSmNamedAcDbObjectReference)

GetParentSheetSet (AcSmSheetSetMgr)

GetPassword (AcSmPublishOptions)

GetPersistObject (IAcSmObjectId)

GetProjectMilestone (AcSmSheetSet)

GetProjectName (AcSmSheetSet)

GetProjectNumber (AcSmSheetSet)

GetProjectPhase (AcSmSheetSet)

<u>GetPromptForDwgName (AcSmSheetSet)</u>

GetPromptForDwt (AcSmSheetSet)

GetPromptForDwt (AcSmSubset)

GetPromptForName (AcSmPublishOptions)

GetPromptForPassword (AcSmPublishOptions)

GetProperty (AcSmCustomPropertyBag)

GetPropertyEnumerator (AcSmCustomPropertyBag)

GetPublishOptions (AcSmSheetSet)

GetReferencedObject (AcSmObjectReference)

GetReferenceFlags (AcSmObjectReference)

GetResources (AcSmSheetSet)

GetRevisionDate (AcSmSheet)

GetRevisionNumber (AcSmDSTFiler)

GetRevisionNumber (AcSmSheet)

GetSheetEnumerator (AcSmSheetSet)

GetSheetEnumerator (AcSmSubset)

GetSheetSelSets (AcSmSheetSet)

GetSheetSet (AcSmDatabase)

GetSheetViewEnumerator (AcSmViewCategory)

GetSheetViews (AcSmSheet)

<u>GetTemplateDstFileName (AcSmDatabase)</u>

GetTitle (AcSmSheet)

GetTitle (AcSmSheetView)

<u>GetTypeName (AcSmAcDbBlockRecordReference)</u>

GetTypeName (AcSmAcDbLayoutReference)

GetTypeName (AcSmAcDbObjectReference)

GetTypeName (AcSmAcDbViewReference)

GetTypeName (AcSmCalloutBlockReferences)

GetTypeName (AcSmCalloutBlocks)

<u>GetTypeName (AcSmCustomPropertyBag)</u>

GetTypeName (AcSmCustomPropertyValue)

GetTypeName (AcSmDatabase)

GetTypeName (AcSmFileReference)

GetTypeName (AcSmNamedAcDbObjectReference)

GetTypeName (AcSmObjectReference)

GetTypeName (AcSmPersistProxy)

GetTypeName (AcSmPublishOptions)

GetTypeName (AcSmResources)

GetTypeName (AcSmSheet)

GetTypeName (AcSmSheetSelSet)

GetTypeName (AcSmSheetSelSets)

GetTypeName (AcSmSheetSet)

GetTypeName (AcSmSheetView)

GetTypeName (AcSmSheetViews)

GetTypeName (AcSmSubset)

GetTypeName (AcSmViewCategories)

GetTypeName (AcSmViewCategory)

GetTypeName (IAcSmComponent)

GetTypeName (IAcSmPersist)

GetUnrecognizedData (AcSmPublishOptions)

GetUnrecognizedSections (AcSmPublishOptions)

GetUsePassword (AcSmPublishOptions)

GetValue (AcSmCustomPropertyValue)

GetViewCategories (AcSmSheetSet)

I Methods

ImportSheet (AcSmSheetSet)

ImportSheet (AcSmSubset)

Init (AcSmDSTFiler)

InitNew (AcSmAcDbBlockRecordReference)

InitNew (AcSmAcDbLayoutReference)

InitNew (AcSmAcDbObjectReference)

InitNew (AcSmAcDbViewReference)

InitNew (AcSmCalloutBlockReferences)

InitNew (AcSmCalloutBlocks)

InitNew (AcSmCustomPropertyBag)

InitNew (AcSmCustomPropertyValue)

InitNew (AcSmDatabase)

InitNew (AcSmFileReference)

InitNew (AcSmNamedAcDbObjectReference)

InitNew (AcSmObjectReference)

InitNew (AcSmPersistProxy)

InitNew (AcSmPublishOptions)

InitNew (AcSmResources)

InitNew (AcSmSheet)

InitNew (AcSmSheetSelSet)

InitNew (AcSmSheetSelSets)

InitNew (AcSmSheetSet)

InitNew (AcSmSheetView)

InitNew (AcSmSheetViews)

InitNew (AcSmSubset)

InitNew (AcSmViewCategories)

InitNew (AcSmViewCategory)

InitNew (IAcSmComponent)

InitNew (IAcSmPersist)

InsertComponent (AcSmSheetSet)

InsertComponent (AcSmSubset)

InsertComponentAfter (AcSmSheetSet)

InsertComponentAfter (AcSmSubset)

IsEqual (IAcSmObjectId)

IsValid (IAcSmObjectId)

L Methods

Load (AcSmAcDbBlockRecordReference)

Load (AcSmAcDbLayoutReference)

Load (AcSmAcDbObjectReference)

Load (AcSmAcDbViewReference)

Load (AcSmCalloutBlockReferences)

Load (AcSmCalloutBlocks)

Load (AcSmCustomPropertyBag)

Load (AcSmCustomPropertyValue)

Load (AcSmDatabase)

Load (AcSmFileReference)

Load (AcSmNamedAcDbObjectReference)

Load (AcSmObjectReference)

Load (AcSmPersistProxy)

Load (AcSmPublishOptions)

Load (AcSmResources)

Load (AcSmSheet)

Load (AcSmSheetSelSet)

Load (AcSmSheetSelSets)

Load (AcSmSheetSet)

Load (AcSmSheetView)

Load (AcSmSheetViews)

Load (AcSmSubset)

Load (AcSmViewCategories)

Load (AcSmViewCategory)

Load (IAcSmComponent)

Load (IAcSmPersist) LoadFromFile (AcSmDatabase) LockDb (AcSmDatabase)

N Methods

Next (IAcSmEnumAcDbBlockRecordReference)

Next (IAcSmEnumComponent)

Next (IAcSmEnumDatabase)

Next (IAcSmEnumFileReference)

Next (IAcSmEnumPersist)

Next (IAcSmEnumProperty)

Next (IAcSmEnumSheetSelSet)

Next (IAcSmEnumSheetView)

Next (IAcSmEnumViewCategory)

NotifyRegisteredEventHandlers (AcSmDatabase)

NotifyRegisteredEventHandlers (AcSmSheetSet)

NotifyRegisteredEventHandlers (AcSmSubset)

		Comments?
OnChanged (IAcSmEvents) OpenDatabase (AcSmSheet	<u>SetMgr)</u>	
O Methods		

P Methods

PopCurrentReadObject (AcSmDSTFiler)

PopCurrentWriteObject (AcSmDSTFiler)

PushCurrentReadObject (AcSmDSTFiler)

PushCurrentWriteObject (AcSmDSTFiler)

R Methods

ReadObject (AcSmDSTFiler)

ReadProperty (AcSmDSTFiler)

ReadRawData (AcSmDSTFiler)

Register (AcSmDatabase)

Register (AcSmSheetSet)

Register (AcSmSheetSetMgr)

RegisterOwner (AcSmDatabase)

Remove (AcSmCalloutBlockReferences)

Remove (AcSmCalloutBlocks)

Remove (AcSmResources)

Remove (AcSmSheetSelSet)

Remove (AcSmSheetSelSets)

RemoveSheet (AcSmSheetSet)

RemoveSheet (AcSmSubset)

RemoveSubset (AcSmSheetSet)

RemoveSubset (AcSmSubset)

RemoveViewCategory (AcSmViewCategories)

Reset (IAcSmEnumAcDbBlockRecordReference)

Reset (IAcSmEnumComponent)

Reset (IAcSmEnumDatabase)

Reset (IAcSmEnumFileReference)

Reset (IAcSmEnumPersist)

Reset (IAcSmEnumProperty)

Reset (IAcSmEnumSheetSelSet)

Reset (IAcSmEnumSheetView)

Reset	(IAcSmEnumViewCated	ory)

ResolveAcDbObject (AcSmAcDbBlockRecordReference)

ResolveAcDbObject (AcSmAcDbLayoutReference)

ResolveAcDbObject (AcSmAcDbObjectReference)

ResolveAcDbObject (AcSmAcDbViewReference)

ResolveAcDbObject (AcSmNamedAcDbObjectReference)

ResolveFileName (AcSmAcDbBlockRecordReference)

ResolveFileName (AcSmAcDbLayoutReference)

ResolveFileName (AcSmAcDbObjectReference)

ResolveFileName (AcSmAcDbViewReference)

ResolveFileName (AcSmFileReference)

ResolveFileName (AcSmNamedAcDbObjectReference)

S Methods

Save (AcSmAcDbBlockRecordReference)

Save (AcSmAcDbLayoutReference)

Save (AcSmAcDbObjectReference)

Save (AcSmAcDbViewReference)

Save (AcSmCalloutBlockReferences)

Save (AcSmCalloutBlocks)

Save (AcSmCustomPropertyBag)

Save (AcSmCustomPropertyValue)

Save (AcSmDatabase)

Save (AcSmFileReference)

Save (AcSmNamedAcDbObjectReference)

Save (AcSmObjectReference)

Save (AcSmPersistProxy)

Save (AcSmPublishOptions)

Save (AcSmResources)

Save (AcSmSheet)

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SetAcDbHandle (AcSmAcDbLayoutReference)

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SetDesc (AcSmViewCategories)

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<u>SetFileName (AcSmAcDbBlockRecordReference)</u>

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AcSmSheetSetMgr Object

Sheet Set Manager object.

Methods, Properties and Events

Methods

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Database component.

Methods, Properties and Events

Methods



AcSmSheetSet Object

Sheet set component.

Methods, Properties and Events

Methods



AcSmSubset Object

Subset component.

Methods, Properties and Events

Methods





Sheet component.

Methods, Properties and Events

Methods



IAcSmObjectId Object

Unique identifier for each component.

Methods, Properties and Events

Methods







AcSmSheetSetMgr.CreateDatabase Method

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 Input Boolean indicating whether to create a new DST file even when there is an existing DST file with

the same name







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



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







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



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







Unlocks the database.

Method

AcSmDatabase.UnlockDb

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



AcSmAcDbBlockRecordReference Object

Refers to a block record in a drawing file.

Methods

AcSmAcDbDatabase Object

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

Methods



AcSmAcDbLayoutReference Object

Refers to a layout in a drawing file.

Methods

AcSmAcDbObjectReference Object

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



AcSmAcDbViewReference Object

Refers to a view in a drawing file.

Methods





AcSmCalloutBlockReferences Object

Callout block references collection.

Methods

AcSmCalloutBlocks Object

 $\label{locks} \textbf{Callout blocks collection that contains } IAcSmNamedAcDbObjectReference objects.$

Methods

AcSmCustomPropertyBag Object

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





AcSmCustomPropertyValue Object

Custom property value object.

Methods

AcSmDSTFiler Object



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

Methods

AcSmEvent Object





Contains events in Sheet Set Manager objects.

Properties

AcSmFileReference Object

File reference component.

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

Methods

>

AcSmNamedAcDbObjectReference Object

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 method. 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





Object reference component.

Methods

AcSmPersistProxy Object

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

Methods

AcSmPublishOptions Object

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

Methods

AcSmResources Object

Resources collection that contains ${\rm IAcSmFileReference}$ objects.

Methods



AcSmSheetSelSet Object

Selection set component.

Methods



AcSmSheetSelSets Object

Selection sets collection.

Methods



AcSmSheetView Object

Sheet view component.

Methods





AcSmSheetViews Object

Sheet views collection.

Methods

AcSmViewCategories Object

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

Methods

AcSmViewCategory Object

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

Methods

IAcSmComponent Object

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



IAcSmEnumAcDbBlockRecordReference Object

 $Object\ enumerator\ for\ AcSmAcDbBlockRecordReference.$

Methods



IAcSmEnumComponent Object

Object enumerator for IAcSmComponent.

Methods

IAcSmEnumDatabase Object

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

Methods



IAcSmEnumFileReference Object

Object enumerator for IAcSmEnumFileReference.

Methods



IAcSmEnumPersist Object

Object enumerator for IAcSmEnumPersist.

Methods



IAcSmEnumProperty Object

Custom property enumerator interface.

Methods

IAcSmEnumSheetSelSet Object

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

Methods

IAcSmEnumSheetView Object

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

Methods

IAcSmEnumViewCategory Object

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

Methods, Properties and Events

Methods



IAcSmEvents Object

The callback interface used for event notifications.

Methods, Properties and Events

Methods

IAcSmPersist Object



The base persistence interface used by an AcSmDatabase database.

Methods, Properties and Events

Methods

>

PropertyFlags Object

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

Methods, Properties and Events

Properties







AcSmCalloutBlockReferences.Add Method

Appends the provided AcSmAcDbBlockRecordReference component to the collection.

Add(
 pBlkRef As IAcSmAcDbBlockRecordReference) As Object

pBlkRef Input block reference







Appends an IAcSmAcDbBlockRecordReference component to the collection.

AcSmCalloutBlocks.Add

Method

Add(pBlkRef As IAcSmAcDbBlockRecordReference) As Object

pBlkRef Input pointer to an IAcSmAcDbBlockRecordReference component to add to the collection







AcSmResources.Add Method

Appends an IAcSmFileReference component to the collection.

Add(

pResource As IAcSmFileReference) As Object

pResource Input IAcSmFileReference component to add to the collection







AcSmSheetSelSet.Add Method

Adds a component to the selection set.

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

AcSmSheetSelSets.Add

Method

sheet set.

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

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 IAcSmSheetSelSet interface







AcSmSheetSet.AddNewSheet Method

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

AddNewSheet(name As String, desc As String) As IAcSmSheet

name Input string containing Name value

desc Input string containing the text to set as the description







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 <code>InsertComponent</code> method.

AddNewSheet(name As String, desc As String) As IAcSmSheet

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







AcSmAcDbBlockRecordReference.Clear Method

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

Clear() As Object







AcSmAcDbLayoutReference.Clear Method

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

Clear() As Object







AcSmAcDbObjectReference.Clear Method

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

Clear() As Object







AcSmAcDbViewReference.Clear Method

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

Clear() As Object







AcSmCalloutBlockReferences.Clear Method

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

Clear() As Object







AcSmCalloutBlocks.Clear Method

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

Clear() As Object







AcSmCustomPropertyBag.Clear Method

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

Clear() As Object







AcSmCustomPropertyValue.Clear Method

Clear() As Object



AcSmDatabase.Clear Method

Clear() As Object









AcSmFileReference.Clear Method

Clear() As Object







AcSmNamedAcDbObjectReference.Clear Method

Clear() As Object







AcSmObjectReference.Clear Method

Clear() As Object









AcSmPersistProxy.Clear

Method

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

Clear() As Object







AcSmPublishOptions.Clear Method

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

Clear() As Object



AcSmResources.Clear Method

Clear() As Object



AcSmSheet.Clear Method

Clear() As Object









AcSmSheetSelSet.Clear Method

Clear() As Object







AcSmSheetSelSets.Clear Method

Clear() As Object



AcSmSheetSet.Clear Method

Clear() As Object



AcSmSheetView.Clear Method

Clear() As Object



AcSmSheetViews.Clear Method

Clear() As Object



AcSmSubset.Clear Method

Clear() As Object







AcSmViewCategories.Clear Method

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

Clear() As Object







AcSmViewCategory.Clear Method

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

Clear() As Object







IAcSmComponent.Clear Method

Clear() As Object







IAcSmPersist.Clear Method

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.

Clear() As Object







AcSmDSTFiler.Close Method

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

Close(bSuccess As Boolean) As Object

bSuccess Input Boolean







AcSmSheetSetMgr.CloseMethod

Closes a database.

Close(db As IAcSmDatabase) As Object

db Input IAcSmDatabase to close







AcSmSheetSetMgr.CloseAll Method

Closes all open databases.

CloseAll() As Object







AcSmSheetSet.CreateSubset Method

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

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.

AcSmSubset.CreateSubset

Method

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



AcSmViewCategories.CreateViewCategory Method

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

CreateViewCategory(
name As String,
desc As String,
id As String) As IAcSmViewCategory

name Input string containing Name value

desc Input string containing the text to set as the description

id Input ID







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.

FindObject(hand As String) As IAcSmPersist

hand Input object handle, or null if a new ID is requested







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

AcSmAcDbDatabase.GetAcDbDatabase

Method

tested.

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.



AcSmAcDbBlockRecordReference.GetAcDbHandle Method

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

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.

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.

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.

GetAcDbHandle() As String



AcSmNamedAcDbObjectReference.GetAcDbHand Method

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



AcSmNamedAcDbObjectReference.GetAcDbHandle Method

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

GetAcDbHandle() As String



AcSmAcDbBlockRecordReference.GetAcSmAcDbI Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.



pen AcSmAcDbDatabase containing the referenced

GetAcSmAcDbDatabase() As AcSmAcDbDatabase



AcSmAcDbLayoutReference.GetAcSmAcDbDatabate Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.



cSmAcDbLayoutReference.GetAcSmAcDbDatabase ethod

ırns the open AcSmAcDbDatabase containing the referenced bObject.

GetAcSmAcDbDatabase() As AcSmAcDbDatabase



AcSmAcDbObjectReference.GetAcSmAcDbDataba Method

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



cSmAcDbObjectReference.GetAcSmAcDbDatabase lethod

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

GetAcSmAcDbDatabase() As AcSmAcDbDatabase



AcSmAcDbViewReference.GetAcSmAcDbDatabas Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.



AcSmAcDbViewReference.GetAcSmAcDbDatabase Method

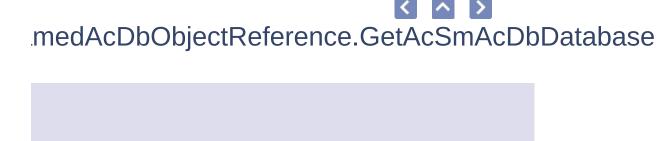
eturns the open AcSmAcDbDatabase containing the referenced cDbObject.

GetAcSmAcDbDatabase() As AcSmAcDbDatabase



AcSmNamedAcDbObjectReference.GetAcSmAcDk Method

Returns the open AcSmAcDbDatabase containing the referenced AcDbObject.



pen AcSmAcDbDatabase containing the referenced

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.

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.

GetCalloutBlocks() As IAcSmCalloutBlocks







AcSmViewCategory.GetCalloutBlocks Method

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

GetCalloutBlocks() As IAcSmCalloutBlocks









AcSmSheet.GetCategory Method

Retrieves the Category property. Returns S_OK if successful.

GetCategory(pVal As BSTR*) As HRESULT

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







AcSmSheetView.GetCategory Method

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

GetCategory() As IAcSmViewCategory







AcSmDSTFiler.GetCurrentObject Method

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

The caller must release the ${\rm IAcSmPersist}$ object when the operation is completed.

GetCurrentObject() As IAcSmPersist



AcSmDSTFiler.GetCurrentObjectHeaderInfo Method

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

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



AcSmCalloutBlockReferences.GetCustomPropertyl Method

Retrieves the custom property bag of the component.



:SmCalloutBlockReferences.GetCustomPropertyBag ethod

eves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmCalloutBlocks.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmDatabase.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmResources.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmSheet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmSheetSelSet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag





Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmSheetSet.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmSheetView.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmSheetViews.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag







AcSmSubset.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmViewCategories.GetCustomPropertyBag Method

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

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmViewCategory.GetCustomPropertyBag Method

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

GetCustomPropertyBag() As IAcSmCustomPropertyBag



IAcSmComponent.GetCustomPropertyBag Method

Retrieves the custom property bag of the component.

The caller must release the ${\rm IAcSmPropertyBag}$ object when the operation is completed.

GetCustomPropertyBag() As IAcSmCustomPropertyBag



AcSmAcDbBlockRecordReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmAcDbLayoutReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmAcDbObjectReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmAcDbViewReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmCalloutBlockReferences.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmCalloutBlocks.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmCustomPropertyBag.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmCustomPropertyValue.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmDatabase.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmDSTFiler.GetDatabase Method

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

The caller must release the ${\rm IAcSmDatabase}$ object when the operation is completed.

GetDatabase() As IAcSmDatabase







AcSmFileReference.GetDatabase Method

GetDatabase() As IAcSmDatabase



AcSmNamedAcDbObjectReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmObjectReference.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmPersistProxy.GetDatabase Method

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

GetDatabase() As IAcSmDatabase







AcSmPublishOptions.GetDatabase Method

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

GetDatabase() As IAcSmDatabase







AcSmResources.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheet.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheetSelSet.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheetSelSets.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheetSet.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheetView.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSheetViews.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmSubset.GetDatabase Method

GetDatabase() As IAcSmDatabase







AcSmViewCategories.GetDatabase Method

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

GetDatabase() As IAcSmDatabase







AcSmViewCategory.GetDatabase Method

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

GetDatabase() As IAcSmDatabase







IAcSmComponent.GetDatabase Method

GetDatabase() As IAcSmDatabase







IAcSmObjectId.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.

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

GetDatabase() As IAcSmDatabase







IAcSmPersist.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.

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

GetDatabase() As IAcSmDatabase







AcSmDatabase.GetDbVersion Method

Gets the version number of an AcSmDatabase.

GetDbVersion() As String







AcSmSheetSet.GetDefAltPageSetup Method

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

GetDefAltPageSetup() As IAcSmNamedAcDbObjectReference







AcSmPublishOptions.GetDefaultOutputdir Method

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

GetDefaultOutputdir() As String



AcSmViewCategories.GetDefaultViewCategory Method

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

GetDefaultViewCategory() As IAcSmViewCategory







AcSmSheetSet.GetDefDwtLayout Method

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

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.

GetDefDwtLayout() As IAcSmNamedAcDbObjectReference







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.

AcSmSheetSet.GetDefLabelBlk

Method

GetDefLabelBlk() As IAcSmNamedAcDbObjectReference







AcSmCalloutBlockReferences.GetDesc Method

GetDesc() As String







AcSmCalloutBlocks.GetDesc Method

GetDesc() As String







AcSmDatabase.GetDesc Method

GetDesc() As String







AcSmResources.GetDesc Method

GetDesc() As String



AcSmSheet.GetDesc Method

GetDesc() As String







AcSmSheetSelSet.GetDesc Method

GetDesc() As String







AcSmSheetSelSets.GetDesc Method

GetDesc() As String







AcSmSheetSet.GetDesc Method

GetDesc() As String







AcSmSheetView.GetDesc Method

GetDesc() As String







AcSmSheetViews.GetDesc Method

GetDesc() As String



AcSmSubset.GetDesc Method

GetDesc() As String







AcSmViewCategories.GetDesc Method

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

GetDesc() As String







AcSmViewCategory.GetDesc Method

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

GetDesc() As String







IAcSmComponent.GetDesc Method

Retrieves the description of the component.

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

GetDesc() As String



AcSmAcDbBlockRecordReference.GetDirectlyOwn Method



DbBlockRecordReference.GetDirectlyOwnedObjects

ay of the directly owned objects. If the method succeeds, e is S_OK. If the parent database cannot be found, rurned and the provided pointer is populated with null. All lues indicate an error condition.

GetDirectlyOwnedObjects(objects As Object) As Object

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



AcSmAcDbLayoutReference.GetDirectlyOwnedObj Method



SmAcDbLayoutReference.GetDirectlyOwnedObjects thod

GetDirectlyOwnedObjects(objects As Object) As Object

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



AcSmAcDbObjectReference.GetDirectlyOwnedObjecthod



GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmAcDbViewReference.GetDirectlyOwnedObjec Method



\cSmAcDbViewReference.GetDirectlyOwnedObjects /lethod

GetDirectlyOwnedObjects(objects As Object) As Object

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



AcSmCalloutBlockReferences.GetDirectlyOwnedOl Method



mCalloutBlockReferences.GetDirectlyOwnedObjects nod

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmCalloutBlocks.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmCustomPropertyBag.GetDirectlyOwnedObjec Method



GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmCustomPropertyValue.GetDirectlyOwnedObje Method



:SmCustomPropertyValue.GetDirectlyOwnedObjects ethod

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmDatabase.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmFileReference.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmNamedAcDbObjectReference.GetDirectlyOw Method



nedAcDbObjectReference.GetDirectlyOwnedObjects

y of the directly owned objects. If the method succeeds, is S_OK. If the parent database cannot be found, rned and the provided pointer is populated with null. All les indicate an error condition.

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmObjectReference.GetDirectlyOwnedObjects Method

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.

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.

GetDirectlyOwnedObjects(
objects As Unknown) As Object

objects Output array of directly owned objects







AcSmResources.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmSheet.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmSheetSelSet.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmSheetSelSets.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmSheetSet.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmSheetView.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmSheetViews.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmSubset.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



AcSmViewCategories.GetDirectlyOwnedObjects Method

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

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.

GetDirectlyOwnedObjects(
objects As Object()) As Object

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



IAcSmComponent.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







IAcSmPersist.GetDirectlyOwnedObjects Method

GetDirectlyOwnedObjects(
objects As Object()) As Object

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







AcSmSheet.GetDoNotPlot Method

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

GetDoNotPlot() As Boolean







AcSmPublishOptions.GetDwfType Method

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

GetDwfType() As Boolean



AcSmCalloutBlockReferences.GetEnumerator Method

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

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.

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.

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.

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.

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.

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.

GetEnumerator() As IAcSmEnumSheetView







AcSmViewCategories.GetEnumerator Method

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

GetEnumerator() As IAcSmEnumViewCategory



AcSmAcDbBlockRecordReference.GetFileName Method

Retrieves the file name property of this file reference.

GetFileName() As String



AcSmAcDbLayoutReference.GetFileName Method

Retrieves the file name property of this file reference.

GetFileName() As String



AcSmAcDbObjectReference.GetFileName Method

Retrieves the file name property of this file reference.

GetFileName() As String







AcSmAcDbViewReference.GetFileName Method

Retrieves the file name property of this file reference.

GetFileName() As String







AcSmDatabase.GetFileName Method

Retrieves the file name of the database.

GetFileName() As String







AcSmFileReference.GetFileName Method

Retrieves the file name that this object references.

GetFileName() As String



AcSmNamedAcDbObjectReference.GetFileName Method

Retrieves the file name property of this file reference.

GetFileName() As String







AcSmCustomPropertyValue.GetFlags Method

Retrieves a combination of $\ensuremath{\mathsf{PropertyFlags}}$ enum values associated with the custom property.

Syntax

GetFlags() As __MIDL__MIDL_itf_AcSmComponents_0264_0001







Retrieves the persisted, unique handle.

IAcSmObjectId.GetHandle

Method

GetHandle() As String



AcSmAcDbDatabase.GetIAcadDatabase Method

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

GetIAcadDatabase() As AcadDatabase



AcSmPublishOptions.GetIncludePlotStamp Method

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

GetIncludePlotStamp() As Boolean



AcSmAcDbBlockRecordReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmAcDbLayoutReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmAcDbObjectReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmAcDbViewReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmCalloutBlockReferences.GetIsDirty Method

GetIsDirty() As Boolean







AcSmCalloutBlocks.GetIsDirty Method

GetIsDirty() As Boolean







AcSmCustomPropertyBag.GetIsDirty Method

GetIsDirty() As Boolean







AcSmCustomPropertyValue.GetIsDirty Method

GetIsDirty() As Boolean







AcSmDatabase.GetIsDirty Method

GetIsDirty() As Boolean







AcSmFileReference.GetIsDirty Method

GetIsDirty() As Boolean



AcSmNamedAcDbObjectReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmObjectReference.GetIsDirty Method

GetIsDirty() As Boolean







AcSmPersistProxy.GetIsDirty Method

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

GetIsDirty() As Boolean







AcSmPublishOptions.GetIsDirty Method

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

GetIsDirty() As Boolean







AcSmResources.GetIsDirty Method

GetIsDirty() As Boolean



AcSmSheet.GetIsDirty Method

GetIsDirty() As Boolean







AcSmSheetSelSet.GetIsDirty Method

GetIsDirty() As Boolean







AcSmSheetSelSets.GetIsDirty Method

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.

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.

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.

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.

GetIsDirty() As Boolean







AcSmViewCategories.GetIsDirty Method

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

GetIsDirty() As Boolean







AcSmViewCategory.GetIsDirty Method

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

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.

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.

GetIsDirty() As Boolean







AcSmSheet.GetIssuePurpose Method

Retrieves the IssuePurpose property. Returns S_OK if successful.

GetIssuePurpose(pVal As BSTR*) As HRESULT

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







AcSmDatabase.GetIsTemporary Method

Retrieves a flag indicating a non-persisted database.

GetIsTemporary() As Boolean







AcSmPublishOptions.GetLayerInfo Method

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

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.

GetLayout() As IAcSmNamedAcDbObjectReference







AcSmDatabase.GetLockOwnerInfo Method

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

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.

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.

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.

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.

GetName() As String







AcSmCalloutBlockReferences.GetName Method

Retrieves the Name property of the component.

GetName() As String







AcSmCalloutBlocks.GetName Method

GetName() As String







AcSmDatabase.GetName Method

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.

GetName() As String







AcSmResources.GetName Method

GetName() As String



AcSmSheet.GetName Method

GetName() As String







ne

AcSmSheetSelSet.GetName Method

GetName() As String







AcSmSheetSelSets.GetName Method

GetName() As String









AcSmSheetSet.GetName Method

GetName() As String







AcSmSheetView.GetName Method

GetName() As String







AcSmSheetViews.GetName Method

GetName() As String



AcSmSubset.GetName Method

GetName() As String







AcSmViewCategories.GetName Method

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

GetName() As String







AcSmViewCategory.GetName Method

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

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.

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.

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.

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.

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.

GetNewSheetLocation() As IAcSmFileReference









AcSmSheet.GetNumber Method

Retrieves the Number property of the sheet.

GetNumber() As String







AcSmSheetView.GetNumber Method

Retrieves the Number property of the sheet view.

GetNumber() As String



AcSmAcDbBlockRecordReference.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.

GetObjectId() As IAcSmObjectId







AcSmAcDbLayoutReference.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.

GetObjectId() As IAcSmObjectId







AcSmAcDbObjectReference.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.

GetObjectId() As IAcSmObjectId







AcSmAcDbViewReference.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.

GetObjectId() As IAcSmObjectId







AcSmCalloutBlockReferences.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.

GetObjectId() As IAcSmObjectId







AcSmCalloutBlocks.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.

GetObjectId() As IAcSmObjectId







AcSmCustomPropertyBag.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.

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.

GetObjectId() As IAcSmObjectId







AcSmDatabase.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.

GetObjectId() As IAcSmObjectId







AcSmFileReference.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.

GetObjectId() As IAcSmObjectId



AcSmNamedAcDbObjectReference.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.

GetObjectId() As IAcSmObjectId







AcSmObjectReference.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.

GetObjectId() As IAcSmObjectId







AcSmPersistProxy.GetObjectId Method

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

GetObjectId() As IAcSmObjectId







AcSmPublishOptions.GetObjectId Method

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

GetObjectId() As IAcSmObjectId







AcSmResources.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.

GetObjectId() As IAcSmObjectId







AcSmSheet.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.

GetObjectId() As IAcSmObjectId







AcSmSheetSelSet.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.

GetObjectId() As IAcSmObjectId







AcSmSheetSelSets.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.

GetObjectId() As IAcSmObjectId







AcSmSheetSet.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.

GetObjectId() As IAcSmObjectId









AcSmSheetView.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.

GetObjectId() As IAcSmObjectId







AcSmSheetViews.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.

GetObjectId() As IAcSmObjectId







AcSmSubset.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.

GetObjectId() As IAcSmObjectId







AcSmViewCategories.GetObjectId Method

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

GetObjectId() As IAcSmObjectId







AcSmViewCategory.GetObjectId Method

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

GetObjectId() As IAcSmObjectId







IAcSmComponent.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.

GetObjectId() As IAcSmObjectId







IAcSmPersist.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.

GetObjectId() As IAcSmObjectId







AcSmPublishOptions.GetOutputFileName Method

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

GetOutputFileName() As IAcSmFileReference



AcSmAcDbBlockRecordReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmAcDbLayoutReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmAcDbObjectReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmAcDbViewReference.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmCalloutBlockReferences.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmCalloutBlocks.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmCustomPropertyBag.GetOwner Method

Retrieves a pointer to the owning IAcSmPersist parent object.

GetOwner() As IAcSmPersist







AcSmCustomPropertyValue.GetOwner Method

GetOwner() As IAcSmPersist







AcSmDatabase.GetOwner Method

GetOwner() As IAcSmPersist







AcSmFileReference.GetOwner Method

GetOwner() As IAcSmPersist



AcSmNamedAcDbObjectReference.GetOwner Method

GetOwner() As IAcSmPersist







AcSmObjectReference.GetOwner Method

GetOwner() As IAcSmPersist







AcSmPersistProxy.GetOwner Method

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

GetOwner() As IAcSmPersist







AcSmPublishOptions.GetOwner Method

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

GetOwner() As IAcSmPersist







AcSmResources.GetOwner Method

GetOwner() As IAcSmPersist



AcSmSheet.GetOwner Method

GetOwner() As IAcSmPersist







AcSmSheetSelSet.GetOwner Method

GetOwner() As IAcSmPersist







AcSmSheetSelSets.GetOwner Method

GetOwner() As IAcSmPersist







Retrieves a pointer to the owning IAcSmPersist parent object.

AcSmSheetSet.GetOwner

Method

GetOwner() As IAcSmPersist







Retrieves a pointer to the owning IAcSmPersist parent object.

AcSmSheetView.GetOwner

Method

GetOwner() As IAcSmPersist







Retrieves a pointer to the owning IAcSmPersist parent object.

AcSmSheetViews.GetOwner

Method

GetOwner() As IAcSmPersist



AcSmSubset.GetOwner Method

GetOwner() As IAcSmPersist







AcSmViewCategories.GetOwner Method

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

GetOwner() As IAcSmPersist







AcSmViewCategory.GetOwner Method

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

GetOwner() As IAcSmPersist







IAcSmComponent.GetOwner Method

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.

GetOwner() As IAcSmPersist







IAcSmPersist.GetOwner Method

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.

GetOwner() As IAcSmPersist



AcSmAcDbBlockRecordReference.GetOwnerAcDb Method

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

AcDbBlockRecordReference.GetOwnerAcDb	Handle
od	

the AcDbHandle of the parent AcDbObject of the referenced

GetOwnerAcDbHandle() As String



AcSmAcDbLayoutReference.GetOwnerAcDbHandl Method

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



AcSmAcDbLayoutReference.GetOwnerAcDbHandle Method

etrieves the AcDbHandle of the parent AcDbObject of the referenced bject.

GetOwnerAcDbHandle() As String



AcSmAcDbViewReference.GetOwnerAcDbHandle Method

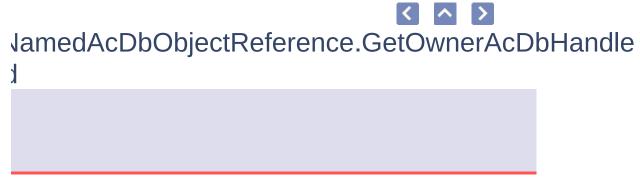
Retrieves the AcDbHandle of the parent AcDbObject of the referenced object.

GetOwnerAcDbHandle() As String



AcSmNamedAcDbObjectReference.GetOwnerAcD Method

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



ıе AcDbHandle of the parent AcDbObject of the referenced

GetOwnerAcDbHandle() As String







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.

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







AcSmPublishOptions.GetPassword Method

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

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.

GetPersistObject() As IAcSmPersist







AcSmSheetSet.GetProjectMilestone Method

Retrieves the ProjectMilestone property. Returns S_OK if successful.

GetProjectMilestone(pVal As BSTR*) As HRESULT

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







AcSmSheetSet.GetProjectName Method

Retrieves the project name associated with this sheet set. Returns $S_{\rm OK}$ if successful.

GetProjectName(pVal As BSTR*) As HRESULT

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







AcSmSheetSet.GetProjectNumber Method

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

GetProjectNumber(pVal As BSTR*) As HRESULT

 $pVal \quad \hbox{Output pointer to a string containing the value of the} \\ ProjectNumber property$







AcSmSheetSet.GetProjectPhase Method

Retrieves the ProjectPhase property. Returns S_OK if successful.

GetProjectPhase(pVal As BSTR*) As HRESULT

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







AcSmSheetSet.GetPromptForDwgName Method

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

GetPromptForDwgName() As Boolean







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

AcSmSheetSet.GetPromptForDwt

Method

GetPromptForDwt() As Boolean







AcSmSubset.GetPromptForDwt Method

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

GetPromptForDwt() As Boolean







AcSmPublishOptions.GetPromptForName Method

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

GetPromptForName() As Boolean



AcSmPublishOptions.GetPromptForPassword Method

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

GetPromptForPassword() As Boolean







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.

GetProperty(
name As String) As IAcSmCustomPropertyValue

name Input string containing Name value of a property



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.

GetPropertyEnumerator() As IAcSmEnumProperty







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

AcSmSheetSet.GetPublishOptions

Method

GetPublishOptions() As IAcSmPublishOptions



AcSmObjectReference.GetReferencedObject Method

Retrieves the referenced IAcSmPersist object.

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

GetReferencedObject() As IAcSmPersist



AcSmObjectReference.GetReferenceFlags Method

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

GetReferenceFlags() As AcSmObjectReferenceFlags







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.

GetResources() As IAcSmResources







AcSmSheet.GetRevisionDate Method

Retrieves the RevisionDate property. Returns S_OK if successful.

GetRevisionDate(pVal As BSTR*) As HRESULT

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







AcSmDSTFiler.GetRevisionNumber Method

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

GetRevisionNumber() As Long







AcSmSheet.GetRevisionNumber Method

Retrieves the RevisionNumber property. Returns S_OK if successful.

GetRevisionNumber(pVal As BSTR*) As HRESULT

 $pVal \quad \hbox{Output pointer to a string containing the value of the} \\ RevisionNumber \ property$







AcSmSheetSet.GetSheetEnumerator Method

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

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.

GetSheetEnumerator() As IAcSmEnumComponent







Returns a collection of the sheet selection sets associated with the sheet set.

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

AcSmSheetSet.GetSheetSelSets

Method

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.

GetSheetSet() As IAcSmSheetSet



AcSmViewCategory.GetSheetViewEnumerator Method

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

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.

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.

GetTemplateDstFileName() As String



AcSmSheet.GetTitle Method

Retrieves the title of the sheet.

GetTitle() As String







AcSmSheetView.GetTitle Method

Retrieves the Title property of the sheet view.

GetTitle() As String



AcSmAcDbBlockRecordReference.GetTypeName Method

GetTypeName() As String





GetTypeName() As String



AcSmAcDbObjectReference.GetTypeName Method

GetTypeName() As String







AcSmAcDbViewReference.GetTypeName Method

GetTypeName() As String



AcSmCalloutBlockReferences.GetTypeName Method

GetTypeName() As String







AcSmCalloutBlocks.GetTypeName Method

GetTypeName() As String







AcSmCustomPropertyBag.GetTypeName Method

GetTypeName() As String



AcSmCustomPropertyValue.GetTypeName Method

GetTypeName() As String







AcSmDatabase.GetTypeName Method

GetTypeName() As String







AcSmFileReference.GetTypeName Method

GetTypeName() As String



AcSmNamedAcDbObjectReference.GetTypeName Method

GetTypeName() As String







AcSmObjectReference.GetTypeName Method

GetTypeName() As String







AcSmPersistProxy.GetTypeName Method

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

GetTypeName() As String







AcSmPublishOptions.GetTypeName Method

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

GetTypeName() As String







AcSmResources.GetTypeName Method

GetTypeName() As String







AcSmSheet.GetTypeName Method

GetTypeName() As String







AcSmSheetSelSet.GetTypeName Method

GetTypeName() As String







AcSmSheetSelSets.GetTypeName Method

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

GetTypeName() As String







AcSmSheetSet.GetTypeName Method

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

GetTypeName() As String







AcSmSheetView.GetTypeName Method

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

GetTypeName() As String







AcSmSheetViews.GetTypeName Method

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

GetTypeName() As String







AcSmSubset.GetTypeName Method

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

GetTypeName() As String







AcSmViewCategories.GetTypeName Method

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

GetTypeName() As String







AcSmViewCategory.GetTypeName Method

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

GetTypeName() As String







IAcSmComponent.GetTypeName Method

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

GetTypeName() As String







IAcSmPersist.GetTypeName Method

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

GetTypeName() As String



AcSmPublishOptions.GetUnrecognizedData Method

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

GetUnrecognizedData() As Object



AcSmPublishOptions.GetUnrecognizedSections Method

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

GetUnrecognizedSections() As Object







AcSmPublishOptions.GetUsePassword Method

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

GetUsePassword() As Boolean







AcSmCustomPropertyValue.GetValue Method

Retrieves the variant value associated with the custom property.

GetValue() As Variant







AcSmSheetSet.GetViewCategories Method

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

GetViewCategories() As IAcSmViewCategories







AcSmSheetSet.ImportSheet Method

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

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.

ImportSheet(pLayoutRef As IAcSmAcDbLayoutReference) As IAcSmSheet

pLayoutRef Input drawing and layout to be imported









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

AcSmDSTFiler.Init Method

Init(
 pUnk As Object,
 pDb As IAcSmDatabase,
 bForWrite As Boolean) As Object

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



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.

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmAcDbLayoutReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmAcDbObjectReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmAcDbViewReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCalloutBlockReferences.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCalloutBlocks.InitNew

Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCustomPropertyBag.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCustomPropertyValue.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmDatabase.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmFileReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmNamedAcDbObjectReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmObjectReference.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmPersistProxy.InitNew Method

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

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object









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

AcSmPublishOptions.InitNew

Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmResources.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmSheet.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheetSelSet.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheetSelSets.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmSheetSet.InitNew Method

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







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.

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







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

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



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.

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







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AcSmViewCategories.InitNew Method

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

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.

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.

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



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.

InitNew(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheetSet.InsertComponent Method

Inserts a sheet at the position specified.

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.

Insert Component (

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







AcSmSheetSet.InsertComponentAfter Method

Inserts a sheet at the position specified.

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.

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







IAcSmObjectId.IsEqual Method

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

IsEqual(pId As IAcSmObjectId) As Boolean

pId Input IAcSmObjectId for comparison



IAcSmObjectId.IsValid Method

Determines whether an IAcSmObjectId points to a valid object.

IsValid() As Boolean







AcSmAcDbBlockRecordReference.Load Method

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

Load() As Object







AcSmAcDbLayoutReference.Load Method

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

Load() As Object







AcSmAcDbObjectReference.Load Method

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

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.

Load() As Object







AcSmCalloutBlockReferences.Load Method

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

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer









AcSmCalloutBlocks.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmCustomPropertyBag.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmCustomPropertyValue.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer









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

AcSmDatabase.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmFileReference.Load

Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmNamedAcDbObjectReference.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmObjectReference.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmPersistProxy.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmPublishOptions.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmResources.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheet.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheetSelSet.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmSheetSelSets.Load

Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheetSet.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheetView.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheetViews.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSubset.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmViewCategories.Load Method

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmViewCategory.Load

Method

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.

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.

Load(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmDatabase.LoadFromFile 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.

LoadFromFile(templateDstFileName As String = 0) As Object

templateDstFileName Input name of the file from which to load data



IAcSmEnumAcDbBlockRecordReference.Next Method

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

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 <u>Reliably Access Sheet Set</u> <u>Components</u>.

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.

Next() As IAcSmComponent







IAcSmEnumDatabase.Next Method

Iterates to the next component and retrieves it.

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 <u>Reliably Access Sheet Set</u> <u>Components</u>.

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.

Next() As IAcSmFileReference







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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.

Next() As IAcSmPersist







IAcSmEnumProperty.Next Method

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

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.

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







IAcSmEnumSheetSelSet.Next

Method

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.

Next() As IAcSmSheetSelSet







IAcSmEnumSheetView.Next

Method

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.

Next() As IAcSmSheetView







IAcSmEnumViewCategory.Next Method

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

Next() As IAcSmViewCategory



AcSmDatabase.NotifyRegisteredEventHandlers Method

Forces a notification to all registered notification handlers.

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.

```
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.

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





Notification of an event.

Method

IAcSmEvents.OnChanged

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







AcSmDSTFiler.PopCurrentReadObject Method

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

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 in-memory graph







AcSmDSTFiler.PopCurrentWriteObject Method

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

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.

PushCurrentReadObject(pObj As IAcSmPersist) As Object

pObj Input pointer to the IAcSmPersist object that is being read







AcSmDSTFiler.PushCurrentWriteObject Method

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

PushCurrentWriteObject(pObj As IAcSmPersist) As Object

pObj Input pointer to an IAcSmPersist object to push onto the stack







AcSmDSTFiler.ReadObject Method

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

The caller must release the ${\rm IAcSmPersist}$ object when the operation is completed.

ReadObject() As IAcSmPersist







AcSmDSTFiler.ReadProperty Method

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

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.

```
ReadRawData(
p As Byte,
count As Long) As Object
```

p Output pointer to the raw data buffercount Output pointer to the size of the raw data buffer







AcSmDatabase.Register Method

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

Register(eventHandler As IAcSmEvents) As Long

eventHandler Input pointer to an IAcSmEvents interface







AcSmSheetSet.Register Method

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

Register(eventHandler As IAcSmEvents) As Long

eventHandler Input IAcSmEvents interface







AcSmSheetSetMgr.Register Method

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

Register(eventHandler As IAcSmEvents) As Long

eventHandler Input pointer to an event handler







AcSmDatabase.RegisterOwner Method

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

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







AcSmCalloutBlockReferences.Remove Method

Removes the specified AcSmAcDbBlockRecordReference component from the collection.

Remove(
 pBlkRef As IAcSmAcDbBlockRecordReference) As Object

pBlkRef Input component to be removed







AcSmCalloutBlocks.Remove Method

Removes an IAcSmAcDbBlockRecordReference component from the collection.

Remove(pBlkRef As IAcSmAcDbBlockRecordReference) As Object

pBlkRef Input AcSmAcDbBlockRecordReference component to remove from the collection







AcSmResources.Remove Method

 $\label{lem:lemoves} Removes \ an \ IAcSmFileReference \ component \ from \ the \ collection.$

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.

Remove(comp As IAcSmComponent) As Object

comp Input sheet or subset to be removed from the selection set







Removes a selection set component from the collection.

AcSmSheetSelSets.Remove

Method

Remove(selset As IAcSmSheetSelSet) As Object

selset Input selection set component to remove from the collection







AcSmSheetSet.RemoveSheet Method

Removes the specified sheet component from the collection.

RemoveSheet(sheet As IAcSmSheet) As Object

sheet Input IAcSmSheet to be removed







AcSmSubset.RemoveSheet Method

Removes the specified sheet component from the subset.

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.

RemoveSubset(subset As IAcSmSubset) As Object

subset Input subset component to be removed







Removes the specified subset component from the collection.

AcSmSubset.RemoveSubset

Method

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.

RemoveViewCategory(viewCat As IAcSmViewCategory) As Object

viewCat View category



IAcSmEnumAcDbBlockRecordReference.Reset Method

Reset() As Object



IAcSmEnumComponent.Reset Method

Reset() As Object





IAcSmEnumDatabase.Reset Method

Reset() As Object





IAcSmEnumFileReference.Reset Method

Reset() As Object





IAcSmEnumPersist.Reset Method

Reset() As Object





IAcSmEnumProperty.Reset Method

Reset() As Object





IAcSmEnumSheetSelSet.Reset Method

Reset() As Object



IAcSmEnumSheetView.Reset Method

Reset() As Object





IAcSmEnumViewCategory.Reset Method

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

Reset() As Object



AcSmAcDbBlockRecordReference.ResolveAcDbOl Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.



SmAcDbBlockRecordReference.ResolveAcDbObject thod

ots to find the referenced AcDbObject in the specified Database.

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.

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.

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.

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

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



AcSmNamedAcDbObjectReference.ResolveAcDbC Method

Attempts to find the referenced AcDbObject in the specified AcDbDatabase.



mNamedAcDbObjectReference.ResolveAcDbObject nod

s to find the referenced AcDbObject in the specified tabase.

ResolveAcDbObject(pAcDbDatabase As AcadDatabase) As String

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



AcSmAcDbBlockRecordReference.ResolveFileNan Method

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



\cSmAcDbBlockRecordReference.ResolveFileName //ethod

trieves the fully qualified path to the resolved file name. S_FALSE is urned if the file is not found.

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.

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.

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.

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.

ResolveFileName() As String



AcSmNamedAcDbObjectReference.ResolveFileNa Method

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



cSmNamedAcDbObjectReference.ResolveFileName ethod

ieves the fully qualified path to the resolved file name. S_FALSE is ned if the file is not found.

ResolveFileName() As String







AcSmAcDbBlockRecordReference.Save Method

Save() As Object







Method

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

AcSmAcDbLayoutReference.Save

Save() As Object







AcSmAcDbObjectReference.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmAcDbViewReference.Save Method

Save() As Object







AcSmCalloutBlockReferences.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmCalloutBlocks.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmCustomPropertyBag.Save

Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmCustomPropertyValue.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmDatabase.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmFileReference.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmNamedAcDbObjectReference.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmObjectReference.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmPersistProxy.Save

Method

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.

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







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

AcSmResources.Save Method

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSheet.Save Method

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

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.

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.

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.

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.

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.

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer







AcSmSubset.Save Method

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

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.

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.

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.

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer



IAcSmPersist.Save Method

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

Save(
 pFiler As IAcSmFiler) As Object

pFiler Input filer



AcSmAcDbBlockRecordReference.SetAcDbHandle Method

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



AcSmAcDbBlockRecordReference.SetAcDbHandle Method

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

SetAcDbHandle(handle As String) As Object

handle Input string that indicates the AcDbHandle to set



AcSmAcDbLayoutReference.SetAcDbHandle Method

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

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.

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.

SetAcDbHandle(handle As String) As Object

handle Input string that indicates the AcDbHandle to set



AcSmNamedAcDbObjectReference.SetAcDbHandl Method

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



AcSmNamedAcDbObjectReference.SetAcDbHandle Method

ets the AcDbHandle that the object will reference. The name, without the andle, provides insufficient information about the referenced cDbObject.

SetAcDbHandle(handle As String) As Object

handle Input string that indicates the AcDbHandle to set



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.

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.

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.

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.

SetAcDbObject() As Object



AcSmNamedAcDbObjectReference.SetAcDbObjec Method

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

This method is recommended for initializing an AcSmAcDbObjectReference object.



AcSmNamedAcDbObjectReference.SetAcDbObject Method

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

'his method is recommended for initializing an AcSmAcDbObjectReference bject.

SetAcDbObject() As Object







AcSmSheetSet.SetAltPageSetups Method

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

SetAltPageSetups(pDwtRef As IAcSmFileReference) As Object

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







AcSmSheet.SetCategory Method

Sets the Category property. Returns S_OK if successful.

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.

SetCategory(pViewCat As IAcSmViewCategory) As Object

pViewCat View category







AcSmSheetSet.SetDefAltPageSetup Method

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

SetDefAltPageSetup(pAltPageSetup As IAcSmNamedAcDbObjectReference) As Object

pAltPageSetup Input object that references the default page setup

within the template containing the alternative page

setups







AcSmPublishOptions.SetDefaultOutputdir Method

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

SetDefaultOutputdir(pValue As String) As Object

pValue Input value







AcSmSheetSet.SetDefDwtLayout Method

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

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.

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.

SetDefLabelBlk(pLabelBlkRef As IAcSmAcDbBlockRecordReference) As Object

references the block, as a file or named block, for the

sheet set







AcSmCalloutBlockReferences.SetDesc Method

Sets the description of the component.

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.

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmDatabase.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmResources.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description



AcSmSheet.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmSheetSelSet.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







Sets the description of the component.

Method

AcSmSheetSelSets.SetDesc

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmSheetSet.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmSheetView.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







AcSmSheetViews.SetDesc Method

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description



AcSmSubset.SetDesc Method

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.

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.

SetDesc(desc As String) As Object

desc Input string containing the text to set as the description







IAcSmComponent.SetDesc Method

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.

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.

SetDwfType(value As Boolean) As Object

value Input value



AcSmAcDbBlockRecordReference.SetFileName Method

Sets the file name that this object will reference.

SetFileName(pValue As String) As Object

pValue Input file name







AcSmAcDbLayoutReference.SetFileName Method

Sets the file name that this object will reference.

SetFileName(pValue As String) As Object

pValue Input file name







Sets the file name that this object will reference.

Method

SetFileName(pValue As String) As Object

pValue Input string indicating file name







AcSmAcDbViewReference.SetFileName Method

Sets the file name that this object will reference.

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.

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.

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.

SetFileName(pValue As String) As Object

pValue Input file name

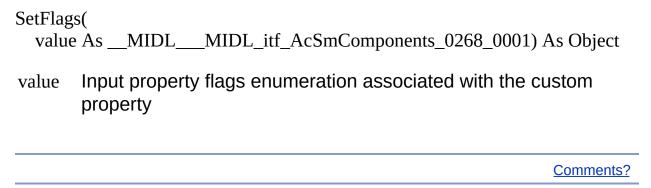






AcSmCustomPropertyValue.SetFlags Method

Sets a combination of $\ensuremath{\mathsf{PropertyFlags}}$ enum values associated with the custom property.









AcSmPublishOptions.SetIncludePlotStamp Method

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

SetIncludePlotStamp() As Boolean







AcSmSheet.SetIssuePurpose Method

Sets the IssuePurpose property. Returns S_OK if successful.

SetIssuePurpose(newVal As BSTR) As HRESULT

newVal Input string to set the IssuePurpose property







AcSmDatabase.SetIsTemporary Method

Marks the database as non-persisted.

SetIsTemporary() As Object







AcSmPublishOptions.SetLayerInfo Method

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

SetLayerInfo(value As Boolean) As Object

value Input value



AcSmSheet.SetLayout Method

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

SetLayout(pLayoutRef As IAcSmAcDbLayoutReference) As Object

pLayoutRef Input AcSmAcDbLayoutReference indicating the drawing and layout associated with the sheet component



AcSmAcDbBlockRecordReference.SetName Method

Sets the name of the referenced object.

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.

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.

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.

SetName(name As String) As Object

name Input string containing Name value







Sets the Name property of the component.

AcSmCalloutBlocks.SetName

Method

SetName(name As String) As Object

name Input string containing Name value







AcSmDatabase.SetName Method

Sets the Name property of the component.

SetName(name As String) As Object

name Input string containing Name value



AcSmNamedAcDbObjectReference.SetName Method

Sets the name of the referenced object.

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.

SetName(name As String) As Object

name Input string containing Name value







AcSmSheet.SetName Method

Sets the Name property of the component.

SetName(name As String) As Object

name Input string containing Name value







AcSmSheetSelSet.SetName Method

Sets the Name property of the component.

SetName(name As String) As Object

name Input string containing Name value







AcSmSheetSelSets.SetName Method

Sets the Name property of the component.

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.

AcSmSheetSet.SetName

Method

SetName(name As String) As Object

name Input string containing Name value







AcSmSheetView.SetName Method

Sets the Name property of the component.

SetName(name As String) As Object

name Input string containing Name value







AcSmSheetViews.SetName Method

Sets the Name property of the component.

SetName(name As String) As Object

name Input string containing Name value







AcSmSubset.SetName Method

Sets the Name property of the component.

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.

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.

SetName(name As String) As Object

name Input string containing Name value







IAcSmComponent.SetName Method

Sets the Name property of the component.

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.

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.

SetNewSheetLocation(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.

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.

SetNumber(num As String) As Object

num Input string indicating the sheet number







AcSmSheetView.SetNumber Method

Sets the Number property of the sheet view.

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.

SetOutputFileName(value As IAcSmFileReference) As Object

value Input value



AcSmAcDbBlockRecordReference.SetOwner Method

Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmAcDbLayoutReference.SetOwner Method

Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object





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AcSmAcDbObjectReference.SetOwner Method

Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmAcDbViewReference.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmCalloutBlockReferences.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmCalloutBlocks.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCustomPropertyBag.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmCustomPropertyValue.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

AcSmDatabase.SetOwner

Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmFileReference.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmNamedAcDbObjectReference.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmObjectReference.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmPersistProxy.SetOwner Method

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

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







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

AcSmPublishOptions.SetOwner

Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmResources.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheet.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmSheetSelSet.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmSheetSelSets.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

AcSmSheetSet.SetOwner

Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheetView.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSheetViews.SetOwner Method

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object







AcSmSubset.SetOwner Method

Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object





AcSmViewCategories.SetOwner Method

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

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.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



IAcSmComponent.SetOwner Method

Sets the owner property of the IAcSmPersist object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



IAcSmPersist.SetOwner Method

Sets the owner property of the $\rm IAcSmPersist$ object. The owning object should have a direct reference to this object.

SetOwner(pOwner As IAcSmPersist) As Object

pOwner Input pointer to the owner of the object



AcSmAcDbBlockRecordReference.SetOwnerAcDb Method

Sets the AcDbHandle of the owning AcDbObject.

A a Dia Dia ak Da a a rai Da fa ya ra a Cat O ya ra a r A a Dia	
AcDbBlockRecordReference.SetOwnerAcDb	Handie
zu –	

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.



AcSmAcDbLayoutReference.SetOwnerAcDbHandle Method

ets 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.

SetOwnerAcDbHandle(handle As String) As Object

handle Input string that indicates the AcDbHandle to set



AcSmNamedAcDbObjectReference.SetOwnerAcDl Method

Sets the AcDbHandle of the owning AcDbObject.

NamedAcDbObjectReference.SetOwnerAcD	bHandle
d	

DbHandle of the owning AcDbObject.

SetOwnerAcDbHandle(handle As String) As Object

handle Input string that indicates the AcDbHandle to set







AcSmPublishOptions.SetPassword Method

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

SetPassword() As Object







AcSmSheetSet.SetProjectMilestone Method

Sets the ProjectMilestone property. Returns S_OK if successful.

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 $S_{\rm OK}$ if successful.

SetProjectName(newVal As BSTR) As HRESULT

newVal Input string to set the ProjectName property







AcSmSheetSet.SetProjectNumber Method

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

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.

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.

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.

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.

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.

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.

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.

SetProperty(
name As String,
value As IAcSmCustomPropertyValue) As Object

name Input string containing the Name value of a property value Input pointer to a properly initialized IAcSmCustomPropertyValue



AcSmObjectReference.SetReferencedObject Method

Sets the IAcSmPersist object to reference.

SetReferencedObject(pObject As IAcSmPersist) As Object

pObject Input pointer to the IAcSmPersist object to reference



AcSmObjectReference.SetReferenceFlags Method

Sets the reference flags to hard referencing or soft referencing.

SetReferenceFlags(value As AcSmObjectReferenceFlags) As Object

value Input flag for hard referencing or for soft referencing







AcSmSheet.SetRevisionDate Method

Sets the RevisionDate property. Returns S_OK if successful.

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.

SetRevisionNumber(newVal As BSTR) As HRESULT

newVal Input string to set the RevisionNumber property



AcSmSheet.SetTitle Method

Sets the title of the sheet.

SetTitle(title As String) As Object

title Input string containing the title of the sheet





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AcSmSheetView.SetTitle Method

Sets the Title property of the sheet view.

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.

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.

SetUnrecognizedData() As Object



AcSmPublishOptions.SetUnrecognizedSections Method

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

SetUnrecognizedSections() As Object







AcSmPublishOptions.SetUsePassword Method

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

SetUsePassword(value As Boolean) As Object

value Input value







AcSmCustomPropertyValue.SetValue Method

Sets the variant value associated with the custom property.

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.

Sync(pXDb As IAcadDatabase) As ObjectpXDb Input IAcadDatabase object



AcSmSheetViews.Sync Method

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

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

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







AcSmDatabase.Unregister Method

Unregisters a callback notification handler that was previously registered.

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.

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.

Unregister(cookie As Long) As Object

cookie Input cookie value received in the Register call



AcSmDatabase.UpdateInMemoryDwgHints Method

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

UpdateInMemoryDwgHints() As Object



AcSmSheetSet.UpdateInMemoryDwgHints Method

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

UpdateInMemoryDwgHints() As Object



AcSmSubset.UpdateInMemoryDwgHints Method

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

UpdateInMemoryDwgHints() As Object







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

AcSmDSTFiler.WriteObject

Method

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.

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.

```
WriteRawData(
p As Byte,
count As Long) As Object
```

p Input pointer to the raw data buffercount Input pointer to the size of the raw data buffer



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.

ACSM_DATABASE_CHANGED() As Long



AcSmEvent.ACSM_DATABASE_CREATED Property

Event signifying that a database was created.

ACSM_DATABASE_CREATED() As Long



AcSmEvent.ACSM_DATABASE_IS_CLOSING Property

Event signifying that an AcSmDatabase object is closing.

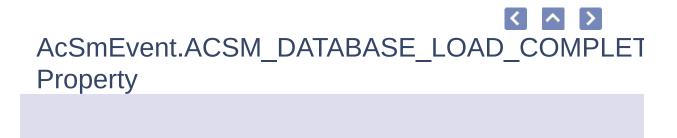
ACSM_DATABASE_IS_CLOSING() As Long



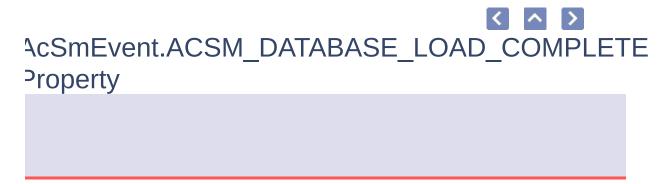
AcSmEvent.ACSM_DATABASE_LOAD_BEGIN Property

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

ACSM_DATABASE_LOAD_BEGIN() As Long



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



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

ACSM_DATABASE_LOAD_COMPLETE() As Long



AcSmEvent.ACSM_DATABASE_LOAD_FAILED Property

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

ACSM_DATABASE_LOAD_FAILED() As Long



AcSmEvent.ACSM_DATABASE_LOCKED Property

Event signifying that the database is locked.

ACSM_DATABASE_LOCKED() As Long



AcSmEvent.ACSM_DATABASE_OPENED Property

Event signifying that the database is opened.

ACSM_DATABASE_OPENED() As Long



AcSmEvent.ACSM_DATABASE_UNLOCKED Property

Event signifying that the database is unlocked.

ACSM_DATABASE_UNLOCKED() As Long







AcSmEvent.CALLOUT_BLOCK_ADDED Property

Event signifying that a callout block was added.

CALLOUT_BLOCK_ADDED() As Long



AcSmEvent.CALLOUT_BLOCK_DELETED Property

Event signifying that a callout block was deleted.

CALLOUT_BLOCK_DELETED() As Long







PropertyFlags.CUSTOM_SHEET_PROP Property

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

CUSTOM_SHEET_PROP() As Long



PropertyFlags.EMPTY Property

The value is zero.

EMPTY() As Long



AcSmEvent.MODEL_RESOURCE_ADDED Property

Event signifying that a model resource was added.

MODEL_RESOURCE_ADDED() As Long



AcSmEvent.MODEL_RESOURCE_DELETED Property

Event signifying that a model resource was deleted.

MODEL_RESOURCE_DELETED() As Long







AcSmEvent.SHEET_ADDED Property

Event signifying that a sheet was added.

SHEET_ADDED() As Long







AcSmEvent.SHEET_DELETED Property

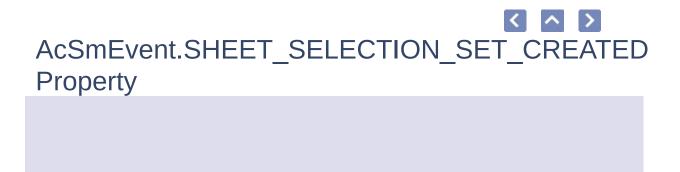
Event signifying that a sheet was deleted.

SHEET_DELETED() As Long



AcSmEvent.SHEET_SELECTION_SET_CREATED Property

Event signifying that a sheet selection set was created.



Event signifying that a sheet selection set was created.

SHEET_SELECTION_SET_CREATED() As Long



AcSmEvent.SHEET_SELECTION_SET_DELETED Property

Event signifying that a sheet selection set was deleted.



Event signifying that a sheet selection set was deleted.

SHEET_SELECTION_SET_DELETED() As Long







AcSmEvent.SHEET_SUBSET_CREATED Property

Event signifying that a sheet subset was created.

SHEET_SUBSET_CREATED() As Long







AcSmEvent.SHEET_SUBSET_DELETED Property

Event signifying that a sheet subset was deleted.

SHEET_SUBSET_DELETED() As Long



Event signifying that a sheet view category was created.



vent signifying that a sheet view category was created.

SHEET_VIEW_CATEGORY_CREATED() As Long



Event signifying that a sheet view category was deleted.



vent signifying that a sheet view category was deleted.

SHEET_VIEW_CATEGORY_DELETED() As Long







AcSmEvent.SHEET_VIEW_CREATED Property

Event signifying that a sheet view was created.

SHEET_VIEW_CREATED() As Long







AcSmEvent.SHEET_VIEW_DELETED Property

Event signifying that a sheet view was deleted.

SHEET_VIEW_DELETED() As Long





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AcSmEvent.SHEETS_RENUMBERED Property

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

SHEETS_RENUMBERED() As Long

AcSmLockStatus

Lock status of an IAcSmDatabase, based on bitcode values.

AcSmLockStatus

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.

AcSmObjectReferenceFlags

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

AcSmObjectReferenceFlags

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.