Schematic Object Model
Geodatabase Storage Objects

ArcGIS™ 9.2

Copyright © 1999-2006 Environmental Systems Research Institute, Inc.
All rights reserved. ArcGIS is a trademark of ESRI.

Workspace in esriGeodatabase

Name in esriSystem

SchematicWorkspaceFactory
- ISchematicWorkspaceFactory : IUnknown
- Open (in pWorkspace: IWorkspace): ISchematicWorkspace

SchematicWorkspace
- ISchematicWorkspace : IUnknown
- FullName: IName
- SchematicDatasetByID (in ID: Long): ISchematicDataset
- SchematicDatasetByName (in Name: String): ISchematicDataset
- SchematicDatasetNames: IEnumSchematicDatasetName
- SchematicDatasets: IEnumSchematicDataset
- Workspace: IWorkspace
- CreateSchematicDataset (in Name: String, in SpatialRef: ISpatialReference, in ConfigKeyword: String): ISchematicDataset

SchematicDatabaseRelease
- ISchematicDatabaseRelease : IUnknown
- BugfixVersion: Long
- CanUpgrade: Boolean
- CurrentRelease: Boolean
- MajorVersion: Long
- MinorVersion: Long
- Upgrade

SchematicWorkspaceName
- ISchematicWorkspaceName : IUnknown

SchematicDiagramClassName
- ISchematicDiagramClassName : IUnknown
- SchematicDatasetName: ISchematicDatasetName
- SchematicDiagramNames: IEnumDatasetName

SchematicDiagramName
- ISchematicDiagramName : IUnknown
- SchematicDatasetName: ISchematicDatasetName
- SchematicDiagramClassName: ISchematicDiagramClassName

SchematicFolderName
- ISchematicFolderName : IUnknown
- Path: String
- SchematicDatasetName: ISchematicDatasetName
- SchematicDiagramNames: IEnumDatasetName
- SubFolderNames: IEnumDatasetName

SchematicDatasetName
- ISchematicDatasetName : IUnknown
- SchematicDiagramNames: IEnumDatasetName
- SubFolderNames: IEnumDatasetName

SchematicDataset
- ISchematicDataset : IUnknown
- ID: Long
- SchematicWorkspace: ISchematicWorkspace
- CreateSchematicDataSource (in Name: String, in CLSID: IUID, in ConnectionBlob: IMemoryBlobStream): ISchematicDataSource
- CreateSchematicDiagram (in Name: String, in SchematicDiagramClass: ISchematicDiagramClass): ISchematicDiagram
- CreateSchematicDiagramClass (in Name: String, in Fields: IFields, in CLSID: IUID, in EXTCLSID: IUID, in ConfigKeyword: String): ISchematicDiagramClass
- CreateSchematicElementClass (in Name: String, in SchematicElementType, in Fields: IFields, in CLSID: IUID, in EXTCLSID: IUID, in ConfigKeyword: String): ISchematicElementClass
- CreateSchematicFolder (in Name: String): ISchematicFolder

SchematicDataSourceContainer
- ISchematicDataSourceContainer : IUnknown
- SchematicDataSourceByID (in ID: Long): ISchematicDataSource
- SchematicDataSourceByName (in Name: String): ISchematicDataSource
- SchematicDataSources: IEnumSchematicDataSource

SchematicDiagramClassContainer
- ISchematicDiagramClassContainer : IUnknown
- SchematicDiagramClassByID (in ID: Long): ISchematicDiagramClass
- SchematicDiagramClassByName (in Name: String): ISchematicDiagramClass
- SchematicDiagramClasses: IEnumSchematicDiagramClass

SchematicDiagramContainer
- ISchematicDiagramContainer : IUnknown
- SchematicDiagramByID (in DiagramClass: ISchematicDiagramClass, in ID: Long): ISchematicDiagram
- SchematicDiagramByName (in DiagramClass: ISchematicDiagramClass, in Name: String): ISchematicDiagram
- SchematicDiagrams: IEnumSchematicDiagram

SchematicElementClassContainer
- ISchematicElementClassContainer : IUnknown
- SchematicElementClassByID (in ID: Long): ISchematicElementClass
- SchematicElementClassByName (in Name: String): ISchematicElementClass
- SchematicElementClasses: IEnumSchematicElementClass

SchematicFolderContainer
- ISchematicFolderContainer : IUnknown
- SchematicFolderByID (in ID: Long): ISchematicFolder
- SchematicFolderByName (in Name: String): ISchematicFolder
- SchematicFolders: IEnumSchematicFolder

SchematicFolder
- ISchematicFolder : IUnknown
- FolderContainer: ISchematicFolderContainer
- FolderContainerID: Long
- ID: Long
- SchematicDataset: ISchematicDataset
- CreateSchematicDiagram (in Name: String, in DiagramClass: ISchematicDiagramClass): ISchematicDiagram
- CreateSchematicFolder (in Name: String): ISchematicFolder

SchematicDataSource
- ISchematicDataSource : IUnknown
- CLSID: IUID
- ConnectionBlob: IMemoryBlobStream
- ID: Long
- Label: String
- Name: String
- SchematicDataset: ISchematicDataset
- Alter (in CLSID: IUID, in ConnectionBlob: IMemoryBlobStream)
- Delete

SchematicContainerManager
- ISchematicContainerManager : IUnknown
- GetContainerMargin (in Container: INgElement): Double
- SetContainerMargin (in Container: INgElement, in Margin: Double)

SchematicRelationManager
- ISchematicRelationManager : IUnknown
- CLSID: IUID
- MoveParent (in Controller: ISchematicRelationControllerTool, in Parent: INgElement, in X: Double, in Y: Double, in moveMode: esriNgMoveMode)
- RedrawParent (in Controller: ISchematicRelationControllerTool, in View: INgView, in pParent: INgElement)

SchematicRelationManagerEvent
- ISchematicRelationManagerEvent : IUnknown
- OnMoveElements (in RelationController: ISchematicRelationControllerTool, in Parent: INgElement, in View: INgView, in Elements: INgElements, in deltaX: Double, in deltaY: Double)

SchematicRelationController
- ISchematicRelationController : IUnknown
- LoadSchematicRelations (in Diagram: ISchematicDiagram)
- RedrawSchematicRelations (in View: INgView)

SchematicRelationControllerEdit
- ISchematicRelationControllerEdit : IUnknown
- CreateRelation (in Child: INgElement, in Parent: INgElement)
- DeleteRelation (in Child: INgElement)

SchematicRelationControllerEvent
- ISchematicRelationControllerEvent : IUnknown
- OnMoveElements (in View: INgView, in Elements: INgElements, deltaX: Double, deltaY: Double)

SchematicRelationControllerTool
- ISchematicRelationControllerTool : IUnknown
- FindChildren (in Parent: INgElement): INgElements
- FindParent (in Child: INgElement): INgElement
- FindParents (in Diagram: INgDiagram): INgElements
- GetSchematicRelationManager (in Parent: INgElement): ISchematicRelationManager
- IsParent (in Element: INgElement): Boolean
- SetSchematicRelationManager (in Parent: INgElement, in RelationManager: ISchematicRelationManager)

SchematicBuilderRule
- ISchematicBuilderRule : IUnknown
- CLSID: IUID
- ID: Long
- IsActive: Boolean
- OrderNumber: Long
- PropertySet: IPropertySet
- SchematicDiagramClass: ISchematicDiagramClass
- Alter (in pUID: IUID, in PropertySet: IPropertySet)
- Apply (pSchematicDiagram: ISchematicDiagram, in cancelTracker: ITrackCancel)
- Delete

SchematicBuilderRuleManager
- ISchematicBuilderRuleManager : IUnknown
- AddSchematicBuilderRule: ISchematicBuilderRule
- InsertSchematicBuilderRule (in OrderNumber: Long): ISchematicBuilderRule
- MoveSchematicBuilderRule (in BuilderRule: ISchematicBuilderRule, in OrderNumber: Long)

SchematicBuilderRuleContainer
- ISchematicBuilderRuleContainer : IUnknown
- OrderedSchematicBuilderRules: IEnumSchematicBuilderRule
- SchematicBuilderRuleByID (in ID: Long): ISchematicBuilderRule
- SchematicBuilderRuleCount: Long

SchematicBuilder
- ISchematicBuilder : IUnknown
- GenerateDiagram (in diagramName: String, in DiagramContainer: ISchematicDiagramContainer, in pPropertySet: IPropertySet, in pContext: ISchematicBuilderContext, in cancelTracker: ITrackCancel): ISchematicDiagram
- UpdateDiagram (in Diagram: ISchematicDiagram, in pPropertySet: IPropertySet, in pContext: ISchematicBuilderContext, in cancelTracker: ITrackCancel)

SchematicDiagramClass
- ISchematicDiagramClassAlgorithms : IUnknown
- AlgorithmsParameters: IPropertySet
- ISchematicDiagramClass : IObjectClass
- AlgorithmCLSID: IUID
- AlgorithmPropertySet: IPropertySet
- AssociatedElementClasses: IEnumSchematicElementClass
- BuilderCLSID: IUID
- BuilderPropertySet: IPropertySet
- DataSourceID: Long
- LinkerCLSID: IUID
- LinkerPropertySet: IPropertySet
- Parent: ISchematicDiagramClass
- QueryPropertySet: IPropertySet
- SchematicBuilder: ISchematicBuilder
- SchematicDataset: ISchematicDataset
- SchematicDiagramByID (in ID: Long, in DiagramContainer: ISchematicDiagramContainer): ISchematicDiagram
- SchematicDiagramByName (in Name: String, in DiagramContainer: ISchematicDiagramContainer): ISchematicDiagram
- SchematicDiagrams (in DiagramContainer: ISchematicDiagramContainer): IEnumSchematicDiagram
- AlterAlgorithm (in UID: IUID, in PropertySet: IPropertySet)
- AlterBuilder (in UID: IUID, in PropertySet: IPropertySet)
- AlterLinker (in UID: IUID, in PropertySet: IPropertySet)
- AlterQuery (in DataSourceID: Long, in PropertySet: IPropertySet)
- AssociateElementClass (in SchematicElementClass: ISchematicElementClass)
- CreateSchematicDiagram (in Name: String, in DiagramContainer: ISchematicDiagramContainer): ISchematicDiagram
- DissociateElementClass (in SchematicElementClass: ISchematicElementClass)

SchematicElementClass
- ISchematicElementClass : IObjectClass
- AssociatedDataSourceID: Long
- AssociatedDiagramClasses: IEnumSchematicDiagramClass
- AssociatedObjectClassID: Long
- BuilderPropertySet: IPropertySet
- DataSourceID: Long
- Parent: ISchematicElementClass
- QueryPropertySet: IPropertySet
- RelationManagerCLSID: IUID
- SchematicDataset: ISchematicDataset
- SchematicElementByID (in ID: Long, in SchematicDiagram: ISchematicDiagram): ISchematicElement
- SchematicElementByName (in Name: String, in SchematicDiagram: ISchematicDiagram): ISchematicElement
- SchematicElements (in SchematicDiagram: ISchematicDiagram): IEnumSchematicElement
- SchematicElementType: esriSchematicElementType
- AlterAssociatedObjectClass (in DataSourceID: Long, in ObjectClassID: Long)
- AlterBuilderPropertySet (in PropertySet: IPropertySet)
- AlterQuery (in DataSourceID: Long, in PropertySet: IPropertySet)
- CreateSchematicElement (in Name: String, in SchematicDiagram: ISchematicDiagram): ISchematicElement

SchematicElementAssociationContainer
- ISchematicElementAssociationContainer : IUnknown
- SchematicElementAssociationByID (in ID: Long): ISchematicElementAssociation
- SchematicElementAssociations: IEnumSchematicElementAssociation

SchematicElementClassContainer
- ISchematicElementClassContainer : IUnknown
- SchematicElementClassByID (in ID: Long): ISchematicElementClass
- SchematicElementClassByName (in Name: String): ISchematicElementClass
- SchematicElementClasses: IEnumSchematicElementClass

SchematicDiagram
- ISchematicDiagram : IObject
- BuilderPropertySet: IPropertySet
- CreationDate: Date
- Creator: String
- LastUpdateBy: String
- LastUpdateDate: Date
- Name: String
- PropertySet: IPropertySet
- SchematicDiagramClass: ISchematicDiagramClass
- SchematicDiagramContainer: ISchematicDiagramContainer
- Version: String
- AlterBuilderPropertySet (in PropertySet: IPropertySet)
- AlterPropertySet (in PropertySet: IPropertySet)

SchematicElement
- ISchematicElement : IObject
- Displayed: Boolean
- Initial: Boolean
- Name: String
- PropertySet: IPropertySet
- SchematicDiagram: ISchematicDiagram
- SchematicElementClass: ISchematicElementClass
- SchematicRelation: ISchematicElement
- AlterPropertySet (in PropertySet: IPropertySet)
- CreateAssociation (in DataSourceID: Long, in CLSID: Long, in OID: Long, in SUBID: Long, in EID: Long): ISchematicElementAssociation

SchematicElementAssociationContainer
- ISchematicElementAssociationContainer : IUnknown
- SchematicElementAssociationByID (in ID: Long): ISchematicElementAssociation
- SchematicElementAssociations: IEnumSchematicElementAssociation

SchematicElementAssociation
- ISchematicElementAssociation : IUnknown
- DataSourceID: Long
- ID: Long
- SchematicElement: ISchematicElement
- UCID: Long
- UEID: Long
- UOID: Long
- USUBID: Long
- AlterAssociation (in DataSourceID: Long, in UCID: Long, in UOID: Long, in USUBID: Long, in UEID: Long)
- DeleteAssociation

SchematicLink
- ISchematicLink : IObject
- FlowDirection: esriFlowDirection
- FromNode: ISchematicNode
- FromPort: Long
- ToNode: ISchematicNode
- ToPort: Long

SchematicNode
- ISchematicNode : IObject
- DisplayedIncidentLinks (in endPointType: esriSchematicEndPointType): IEnumSchematicElement
- IncidentLinks (in endPointType: esriSchematicEndPointType): IEnumSchematicElement

SchematicDrawing
- ISchematicDrawing : IObject
- InitialXPosition: Double
- InitialYPosition: Double

SchematicNodeOnLink
- ISchematicNodeOnLink : IObject
- InitialPosition: Double
- ReferenceLink: ISchematicLink

SchematicSubLink
- ISchematicSubLink : IObject
- ReferenceLink: ISchematicLink

Object in esriGeodatabase

ObjectClass in esriGeodatabase

Class Diagram Key

AbstractClass
Interface of interest
InterfaceA
(Optional)InterfaceB
Type inheritance
Instantiation
CoClass
Interface of interest
InterfaceD
InterfaceB
Composition
Class
Interface of interest
InterfaceG
InterfaceM
(<classname>)InterfaceO
Association
1..*
Multiplicity

Special Interfaces

(Optional) represents interfaces that are inherited by some subclasses but not all. The subclasses list the optional interfaces they implement.

(instance) represents interfaces that are only on specific instances of the class.

(<classname>) indicates the name of the helper class required to support this event interface in Visual Basic.

Inbound Interface
Outbound Interface

Interface key
- Property Get
- Property Put
- Property Get/Put
- Property Put by Reference
- Method

enumeration
firstValue = firstEnumeration
secondValue = secondEnumeration

Structure key <<Struct>>
- firstMember: Type
- secondMember: Type

Types of Classes

An abstract class cannot be used to create new objects but is a specification for instances of subclasses (through type inheritance.)

A CoClass can directly create objects by declaring a new object.

A Class cannot directly create objects, but objects of this class can be created as a property of another class or instantiated by objects from another class.

Types of Relationships

Associations represent relationships between classes. They have defined multiplicities at both ends.

Type inheritance defines specialized classes of objects which share properties and methods with the superclass and have additional properties and methods. Note that interfaces in superclasses are not duplicated in subclasses.

Instantiation specifies that one object from one class has a method with which it creates an object from another class.

Composition is a relationship in which objects from the 'whole' class control the lifetime of objects from the 'part' class.

An N-ary association specifies that more than two classes are associated. A diamond is placed at the intersection of the association branches.

A Multiplicity is a constraint on the number of objects that can be associated with another object. Association and composition relationships have multiplicities on both sides. This is the notation for multiplicities:

1 - One and only one (if none shown, '1' is implied)
0..1 - Zero or one
M..N - From M to N (positive integers)
* or 0..* - From zero to any positive integer
1..* - From one to any positive integer

esriSchematicAssociatedClassType
0 - esriSchematicUndefinedClassType
1 - esriSchematicRelationClassType
2 - esriSchematicFeatureClassType

esriSchematicElementType
1 - esriSchematicNodeType
2 - esriSchematicLinkType
3 - esriSchematicDrawingType
4 - esriSchematicNodeOnLinkType
5 - esriSchematicSubLinkType

esriSchematicEndPointType
1 - esriSchematicOriginNode
2 - esriSchematicExtremityNode
3 - esriSchematicOriginOrExtremityNode

IEnumSchematicBuilderRule : IUnknown
- Count: Long
- Next: ISchematicBuilderRule
- Reset

IEnumSchematicDataset : IUnknown
- Count: Long
- Next: ISchematicDataset
- Reset

IEnumSchematicDatasetName : IUnknown
- Count: Long
- Next: ISchematicDatasetName
- Reset

IEnumSchematicDataSource : IUnknown
- Count: Long
- Next: ISchematicDataSource
- Reset

IEnumSchematicDiagram : IUnknown
- Count: Long
- Next: ISchematicDiagram
- Reset

IEnumSchematicDiagramClass : IUnknown
- Count: Long
- Next: ISchematicDiagramClass
- Reset

IEnumSchematicElement : IUnknown
- Count: Long
- Next: ISchematicElement
- Reset

IEnumSchematicElementAssociation : IUnknown
- Count: Long
- Next: ISchematicElementAssociation
- Reset

IEnumSchematicElementClass : IUnknown
- Count: Long
- Next: ISchematicElementClass
- Reset

IEnumSchematicFolder : IUnknown
- Count: Long
- Next: ISchematicFolder
- Reset

IEnumSchematicMapLayerFeature : IUnknown
- Count: Long
- Add (in MapLayerFeature: ISchematicMapLayerFeature)
- Next: ISchematicMapLayerFeature
- Reset

Schematic Object Model In Memory Project Objects

Copyright © 1999-2006 Environmental Systems Research Institute, Inc.
All rights reserved. ArcGIS is a trademark of ESRI.

NgProject

NgProject : IDispatch

- ActiveView: IMgView
- DataSources: IMgDataSources
- DiagramTypes: IMgDiagramTypes
- ElementTypes: IMgElementTypes
- FlagModels: IMgFlagModels
- HelpFile: String
- OpenedDiagrams: IMgDiagrams
- PatternModels: IMgPatternModels
- ProjectFileName: String
- SelectedElements: IMgElements
- SelectedFlags: IMgFlags
- UserAttributeSets: IMgUserAttributeSets
- UserProcedureSets: IMgUserProcedureSets

- AddDataSource (in DataSource: IMgDataSource)
- AddUserAttributes (in userAttributes: IDispatch, in attributeSetName: String)
- AddUserProcedures (in userProcedures: IDispatch, in procedureSetName: String)
- BeginWaitCursor
- Clone
- EndWaitCursor
- FindDataSource (in DataSourceName: String): IMgDataSource
- GetDiagramType (in dgTypeName: String): IMgDiagramType
- GetEffect (in effect: esriNgProjectEffect): Variant
- GetElementType (in elTypeName: String): IMgElementType
- GetFlagModel (in flagModelName: String): IMgFlagModel
- GetHighlightEffect (in effect: esriNgProjectEffect): Variant
- GetInteractiveMode: esriNgInteractiveMode
- GetPatternModel (in patternModelName: String): IMgPatternModel
- GetSymbol (in SymbolName: String): IMgSymbol
- IsEffectSet (in effect: esriNgProjectEffect): Boolean
- LoadEffectsFile (in effect: esriNgHighlightingEffectType): Boolean
- NProjectOpen: Boolean
- OpenDiagram (in dgType: IMgDiagramType, in diagramName: String, in Restore: Boolean): IMgDiagram
- OpenProject (in projectFileName: String, in readOnly: Boolean)
- OpenUIDialog (in dgType: IMgDiagramType, in diagramName: String, in Restore: Boolean): IMgDiagram
- RefreshToolbars
- RemoveHighlightEffect (in effect: esriNgHighlightEffectType)
- SendKeys (in keys: String, in dgType: esriNgDiagramType, in ObjectType: String, in objectName: String)
- SetEffect (in effect: esriNgProjectEffect, in effValue: Variant)
- SetHighlightEffect (in effect: esriNgHighlightEffectType, in effValue: Variant)
- SetInteractiveMode (in mode: esriNgInteractiveMode, in typeToObj: IMgElementType, in dgType: esriNgDiagramType)
- SetStatus (in status: String)
- SetTraceLevel (in level: esriNgTraceLevel)
- Terminate
- UnloadGrid

NgProjectBuilder

NgProjectBuilder : IDispatch

- Behaviors: IMgBehaviors

- CreateBehavior (in evtName: String, in MetaType: esriNgMetaType, in ObjectType: String): IMgBehavior
- CreateElementType (in elTypeName: String, in Parent: IMgDiagramType): IMgDiagramType
- CreateElementType (in elTypeName: String, in Type: esriNgElementTypeEnum, in Parent: IMgElementType, in createGroup: Boolean): IMgElementType
- CreateFlagModel (in flagModelName: String): IMgFlagModel
- CreatePatternModel (in patternModelName: String, in patternModelType: esriNgPatternType, in template: String): IMgPatternModel
- DeleteAllBehaviors
- DeleteDataSources
- DeleteProcedureSets
- GetBehaviorsByMetaType (in esriNgMetaType, in objTypeName: String): IMgBehaviors
- GetColorIndex (in red: Integer, in green: Integer, in blue: Integer, out colorIndex: Long)
- GetFontIndex (in fontName: String, out fontIndex: Long)
- GetSymbol (in SymbolName: String)
- ReplaceDataSource (in oldDataSource: IMgDataSource, in newDataSource: IMgDataSource)
- Save (in projectFilePath: String, in ProjectFileName: String)

NgDataSource

NgDataSource : IDispatch

- ClassID: String
- Description: String
- FullName: String
- Name: String
- Object: IUnknown
- Persisted: Boolean
- Type: esriNgDataSourceType

- CreateRecordset (in request: String): INgRecordset
- Open

NgUserAttributeSet

NgUserAttributeSets : IDispatch

- NewEnum: IUnknown
- Item (in index: Long): INgUserAttributeSet

- Add (in Item: INgUserAttributeSet)
- Remove (in index: Long)

NgUserProcedureSet

NgUserProcedureSet : IDispatch

- Name: String
- Object: IDispatch
- Project: INgProject

NgObjectType

NgObjectType : IDispatch

- Attributes: INgAttributes
- DataSource: INgDataSource
- FieldNames: INgNames
- Name: String
- Parameters: INgParameters
- Project: INgProject
- QueryString: String

- CreateAttribute (in attributeName: String, in attributeType: esriNgAttributeType): INgAttribute
- Delete (in deleteDescendants: Boolean)
- GetAttribute (in attributeName: String): INgAttribute

NgBehavior

NgBehavior : IDispatch

- Command: INgCommand
- MetaType: esriNgMetaType
- ObjectTypeName: String
- Project: INgProject

- Delete
- Set (in evtName: String, in MetaType: esriNgMetaType, in ObjectTypeName: String)

NgElementType

NgElementType : IDispatch

- Ancestors: INgElementTypes
- AssociatedDiagramTypes: INgDiagramTypes
- AssociatedPropertyAttribute (in AssociatedUserDataName: String): INgAttribute
- AssociatedUserDataAttribute (in userDataName: String): INgAttribute
- AssociatedUserDataAttributes (in attributeName: String): INgUserDatas
- ChildElementTypes: INgElementTypes
- Descendants: INgElementTypes
- ElementGroup: INgElementType
- ElementTypeName: String
- ElementTypeEffects: INgElementTypeEffects
- FlagModels: INgFlagModels
- IsElementGroup: Boolean
- Name: String
- Parent: INgElementType
- PatternModels: INgPatternModels
- Type: esriNgElementTypeEnum

- AddFlagModel (in FlagModel: INgFlagModel, in mode: esriNgAddRemoveMode)
- AddPatternModel (in PatternModel: INgPatternModel)
- AssociateProperty (in prop: INgProperty, in attributeName: String)
- AssociateUserData (in userData: INgUserDatas, in attributeName: String)
- CreateProperty (in Name: String, in AttributeName: String, in PropertyType: esriNgPropertyValueTypeEnum, in effect: esriNgProjectEffect): INgProperty
- Delete (in deleteDescendants: Boolean)
- DissociateProperty (in prop: INgProperty)
- DissociateUserData (in userData: INgUserData)
- GetEffect (in effect: esriNgElementTypeEffect): Variant
- GetElement (in elName: String): INgElement
- GetElementByUserData (in userDatas: INgUserDatas, in values: INgValues): INgElements
- GetFlagModel (in flagModelName: String): INgFlagModel
- GetPatternModel (in patternModelName: String): INgPatternModel
- GetProperty (in PropertyName: String, in effect: esriNgProjectEffect): Variant
- GetProperty (in PropertyName: String): INgProperty
- GetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect): Variant
- IsEffectSet (in effect: esriNgElementTypeEffect): Boolean
- IsPixelEffect (in flagModelName: String, in effect: esriNgPixelEffect): Boolean
- IsSubSymbolEffectSet (in subName: String, in effect: esriNgSubSymbolEffect): Boolean
- RemoveEffect (in effect: esriNgElementTypeEffect)
- RemoveFlagModel (in FlagModel: INgFlagModel)
- RemovePatternModel (in PatternModel: INgPatternModel)
- RemovePixelEffect (in flagModelName: String, in effect: esriNgPixelEffect)
- RemoveSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect)
- SetEffect (in effect: esriNgElementTypeEffect, in effValue: Variant)
- SetPixelEffect (in flagModelName: String, in effect: esriNgPixelEffect, in effValue: Variant)
- SetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect, in effValue: Variant)

NgDiagramType

NgDiagramType : IDispatch

- Ancestors: INgDiagramTypes
- AssociatedElementTypes: INgElementTypes
- ChildDiagramTypes: INgDiagramTypes
- Descendants: INgDiagramTypes
- DiagramNames: INgNames
- DiagramTypeName: String
- IsElementTypeAssociated (in ElementType: INgElementType): Boolean
- Name: String
- Parent: INgDiagramType

- AssociateElementType (in ElementType: INgElementType)
- CreateDiagramDescendants: Boolean
- DissociateElementType (in ElementType: INgElementType)
- GetDiagram (in diagramName: String): INgDiagram
- Remove (in diagramName: String, in Restore: Boolean): INgDiagram

NgDiagram

NgDiagram : IDispatch

- DiagramType: INgDiagramType
- Elements: INgElements
- Name: String
- SaveMode: esriNgSaveModeType
- Views: INgViews

- CanRedoLastUndo: Boolean
- CanUndoLastOperation: Boolean
- Close
- CreateDrawing (in effType: INgElementType, in elName: String, in X: Double, in Y: Double, in visualize: Boolean): INgDrawing
- CreateFlag (in effType: INgElementType, in elName: String, in FromNode: INgNode, in ToNode: INgNode, in FromPort: Long, in ToPort: Long, in visualize: Boolean): INgLink
- CreateNode (in effType: INgElementType, in elName: String, in X: Double, in Y: Double, in visualize: Boolean): INgNode
- CreateSubLink (in effType: INgElementType, in elName: String, in FromNode: INgNode, in ToNode: INgNode, in FromPort: Long, in ToPort: Long, in visualize: Boolean): INgSubLink
- DeleteSavedLayout
- GetElement (in elementName: String): IDrag
- GetDrawing (in drawingName: String): INgDrawing
- GetElementsByElementType (in elType: INgElementType): INgElements
- GetFirstEntityType (in Type: esriNgElementTypeEnum): INgElementType
- GetLowerLeftCorner: INgPoint
- GetNextLinkBetweenNodes (in n1: INgNode, in n2: INgNode, in orientation: esriNgOrientation): INgLink
- GetNode (in nodeName: String): INgNode
- GetSavedLayoutNames
- IsModified: Boolean
- MoveElements (in Elements: INgElements, in X: Double, in Y: Double, in computeMode: esriNgComputeLinkPointMode)
- NextView
- OpenFromStream (pStream: IStream)
- Redraw (in mode: esriNgRedrawMode)
- Refresh
- RefreshLayout (in displayMode: esriNgLayoutDisplayMode)
- RestoreLayout (in layoutName: String, in esriNgInitialPositionMode, in modelSet: esriNgInitialPositionMode)
- Save
- SaveToStream (pStream: IStream)
- SetModified (in modified: Boolean)
- StartOperation (in Label: String): Boolean
- StopOperation
- UndoLastOperation

NgDiagramFlagManager

NgDiagramFlagManager : IUnknown

- FlaggedElements (in FlagType: INgFlagType): INgElements
- HighlightFlags (in FlagTypeName: String): Boolean

- AddFlag (in FlagTypeName: String, in Element: INgElement)
- IsFlagged (in FlagTypeName: String, in Element: INgElement): Boolean
- RemoveAllFlags (in FlagTypeName: String): Boolean
- RemoveFlag (in FlagTypeName: String, in Element: INgElement)

NgView

NgView : IDispatch

- Diagram: INgDiagram
- Handle: Long
- Legend: INgLegend
- LegendDescription: INgLegendDescription
- Name: String
- SelectedElements: INgElements
- SelectedFlags: INgFlags
- Title: String
- Viewmanages: INgViewmanages

- BringToTop (in topMost: Boolean)
- Close
- CreateRasterImage (in imageName: String, in theme: String, in upperLeftCorner: INgPoint, in lowerRightCorner: INgPoint): INgRasterImage
- CreateVectorImage (in imageName: String, in theme: String): INgVectorImage
- ExportAs (in fileType: esriNgExportFileType, in fileName: String)
- Fold
- FitElements (in Elements: INgElements)
- FitToPage
- GetDisplayArea (out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)
- GetEffect (in effect: esriNgViewEffect): Variant
- GetElementAtPoint (in Point: INgPoint): INgElement
- GetElementsInBoundingBox (in Elements: INgElements, out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)
- GetElementsInZone (in pts: INgPoints): INgElements
- GetExtent (out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)
- GetNearestElementType (in Point: INgPoint): INgElementType
- GetNearestElementTypeExt (num: Integer, in Point: INgPoint, out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)
- GetNearestElementTypes (in Point: INgPoint, in num: Integer, in Radius: Double): INgElements
- IsEffectSet (in effect: esriNgViewEffect): Boolean
- IsMaximized: Boolean
- IsMinimized: Boolean
- Maximize
- Minimize
- Move (in upperLeftCorner: INgPoint, in lowerRightCorner: INgPoint)
- PanHDC (in hDC: Long, in XMin: Double, in YMin: Double, in XMax: Double, in YMax: Double, in Left: Long, in right: Long, in top: Long, in bottom: Long, in Rotation: Double)
- PrintView (in viewTitle: String, in printerName: String)
- PrintWithToolBox (in Position: esriNgToolBoxPosition, in titleBlock: esriNgTitleBlockStyle, in titleString: String, in hideMapDialog: Boolean)
- Redraw (in mode: esriNgRedrawMode)
- Restore
- SelectAll (in Redraw: Boolean)
- Set (in view: IMgView)
- SetEffect (in effect: esriNgViewEffect, in effValue: Variant)
- UnselectAll (in Redraw: Boolean)
- ZoomIn (in upperLeftCorner: INgPoint, in lowerRightCorner: INgPoint, in zoomMode: esriNgZoomMode)

NgLegend

NgLegend : IDispatch

- Invisible: Boolean
- View: INgView

- Hide
- Refresh (in displayMode: esriNgLegendDisplayMode)
- Show (in displayMode: esriNgLegendDisplayMode)

NgRasterImage

NgRasterImage : IDispatch

- Name: String
- View: INgView

- Delete
- GetEffect (in effect: esriNgRasterImageEffect): Variant
- IsEffectSet (in effect: esriNgRasterImageEffect): Boolean
- Move (in X: Double, in Y: Double, in moveMode: esriNgMoveMode)
- SetEffect (in effect: esriNgRasterImageEffect, in effValue: Variant)

NgVectorImage

NgVectorImage : IDispatch

- Name: String
- View: INgView

- Delete
- GetEffect (in effect: esriNgVectorImageEffect): Variant
- IsEffectSet (in effect: esriNgVectorImageEffect): Boolean
- Move (in X: Double, in Y: Double, in moveMode: esriNgMoveMode)
- SetEffect (in effect: esriNgVectorImageEffect, in effValue: Variant)

NgFlagModel

NgFlagModel : IDispatch

- Name: String
- Project: INgProject

- Delete
- GetEffect (in effect: esriNgFlagModelEffect): Variant
- IsEffectSet (in effect: esriNgFlagModelEffect): Boolean
- RemoveEffect (in effect: esriNgFlagModelEffect)
- SetEffect (in effect: esriNgFlagModelEffect, in effValue: Variant)

NgElement

NgElement : IDispatch

- Diagram: INgDiagram
- ElementType: INgElementType
- Flags: INgFlags
- Name: String
- Type: esriNgElementTypeEnum

- Center
- CreateFlag (in FlagModel: INgFlagModel, in mode: esriNgFlagAttachmentMode, in prop: INgProperty): INgFlag
- DeleteUserData (in userData: INgUserData)
- Display (in Redraw: Boolean)
- GetAttributeValue (in attributeName: String): INgProperty
- GetFlag (in FlagModel: INgFlagModel): INgFlag
- GetLabelBoundingBox (in View: INgView, in prop: INgProperty): INgPoints
- GetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect): Variant
- GetLabelPosition (in View: INgView, in prop: INgProperty): INgPoint
- GetPropertyValue (in prop: INgProperty): Variant
- GetUserDataValue (in userData: INgUserData): Variant
- IsLabelEffectSet (in prop: INgProperty, in effect: esriNgLabelEffect): Boolean
- IsLabelMoved (in prop: INgProperty): Boolean
- IsSelected: Boolean
- MoveLabel (in prop: INgProperty, in X: Double, in Y: Double, in mode: esriNgMoveMode)
- Refresh (in Redraw: Boolean)
- Remove (in Redraw: Boolean)
- Select (in Redraw: Boolean)
- SetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect, in effValue: Variant)
- SetPropertyValue (in prop: INgProperty, in propertyValue: Variant)
- SetUserDataValue (in userData: INgUserData, in userDataValue: Variant)
- UndoplayLabel (in Redraw: Boolean)
- UnselectLabel (in Redraw: Boolean)
- UnsetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect)

NgFlag

NgFlag : IDispatch

- Element: INgElement
- FlagModel: INgFlagModel
- Pole: INgPole
- X: Double
- Y: Double

- Delete
- ExpandBoundingBox (in View: INgView, out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)
- GetEffect (in effect: esriNgFlagEffect): Variant
- IsEffectSet (in effect: esriNgFlagEffect): Boolean
- MoveUserData (in userData: INgUserData)
- Display (in Redraw: Boolean)
- GetAttributeValue (in attributeName: String): INgProperty
- GetLabelBoundingBox (in View: INgView, in prop: INgProperty): INgPoints
- GetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect): Variant
- GetLabelPosition (in View: INgView, in prop: INgProperty): INgPoint
- GetPropertyValue (in prop: INgProperty): Variant
- IsLabelEffectSet (in prop: INgProperty, in effect: esriNgLabelEffect): Boolean
- IsLabelMoved (in prop: INgProperty): Boolean
- MoveLabel (in prop: INgProperty, in X: Double, in Y: Double, in mode: esriNgMoveMode)
- Refresh (in Redraw: Boolean)
- Remove (in Redraw: Boolean)
- SetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect, in effValue: Variant)
- SetPropertyValue (in prop: INgProperty, in propertyValue: Variant)
- SetUserDataValue (in userData: INgUserData, in userDataValue: Variant)
- UnsetLabelEffect (in prop: INgProperty, in effect: esriNgLabelEffect)

NgPole

NgPole : IDispatch

- GetEffect (in effect: esriNgPoleEffect): Variant
- GetExtentAroundPoint (in View: INgView): INgPoint
- IsEffectSet (in View: INgView): INgPoint
- SetEffect (in effect: esriNgPoleEffect, in effValue: Variant)

NgPoint

NgPoint : IDispatch

- X: Double
- Y: Double

NgNode

NgNode : IDispatch

- Diagram: INgDiagram
- ElementType: INgElementType
- InitialPosition: INgPoint
- InitialPosition: Double
- Name: String
- X: Double
- Y: Double

- GetCurrentEffect (in effect: esriNgNodeEffect): Variant
- GetEffect (in effect: esriNgNodeEffect): Variant
- GetFromLinks (in endPointType: esriNgEndPoint): INgLinks
- GetPosition (in View: INgView, in numPoint: Long, in Type: esriNgPointType, out Point: INgPoint): Boolean
- IsEffectSet (in effect: esriNgNodeEffect): Boolean
- Move (in X: Double, in Y: Double, in computeMode: esriNgComputeLinkPointMode)
- RemoveEffect (in effect: esriNgNodeEffect)
- RemoveSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect)
- RestoreInitialPosition (in modelNodeSet: esriNgInitialPositionMode, in modelSet: esriNgInitialPositionMode)
- SetEffect (in effect: esriNgNodeEffect, in effValue: Variant)
- SetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect, in effValue: Variant)

NgLink

NgLink : IDispatch

- CurrentPatternModels: INgPatternModels
- DestinationElement: INgElement
- ElementType: INgElementType
- FromNode: INgNode
- FromPoint (in View: INgView): INgPoint
- FromPort: Long
- FromPorts: INgPoints
- Name: String
- NodesOnLink: INgNodes
- OriginElement: INgElement
- PatternModels: INgPatternModels
- Points (in View: INgView): INgPoints
- SubLinks: INgLinks
- ToNode: INgNode
- ToPoint (in View: INgView): INgPoint
- ToPort: Long

- AddPatternModel (in PatternModel: INgPatternModel)
- AddPoint (in numPoint: Long, in Point: INgPoint)
- GetCurrentEffect (in effect: esriNgLinkEffect): Variant
- GetEffect (in effect: esriNgLinkEffect): Variant
- GetManagementAtPoint (in View: INgView, in Point: INgPoint): Long
- IsEffectSet (in effect: esriNgLinkEffect): Boolean
- MovePoint (in numPoint: Long, in X: Double, in Y: Double, in moveMode: esriNgMoveMode)
- RemoveAllPoints
- RemoveEffect (in effect: esriNgLinkEffect)
- RemovePatternModel (in PatternModel: INgPatternModel)
- RemovePoint (in numPoint: Long)
- RestoreInitialPosition
- SetEffect (in effect: esriNgLinkEffect, in effValue: Variant)

NgNodeOnLink

NgNodeOnLink : IDispatch

- InitialPosition: Double
- PositioningMode: esriNgPositionOnLinkMode
- RelativeLink: INgLink
- ReferenceLine: INgLink

NgSubLink

NgSubLink : IDispatch

- ReferenceLink: INgLink

NgDrawing

NgDrawing : IDispatch

- Diagram: INgDiagram
- ElementType: INgElementType
- InitialPosition: INgPoint
- InitialRotation: Double
- Name: String
- X: Double
- Y: Double

- GetCurrentEffect (in effect: esriNgDrawingEffect): Variant
- GetEffect (in effect: esriNgDrawingEffect): Variant
- GetPosition (in View: INgView, in numPoint: Long, in Type: esriNgPointType, out Point: INgPoint): Boolean
- IsEffectSet (in effect: esriNgDrawingEffect): Boolean
- Move (in X: Double, in Y: Double, in moveMode: esriNgMoveMode)
- RemoveEffect (in effect: esriNgDrawingEffect)
- RemoveSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect)
- RestoreInitialPosition (in modelNodeSet: esriNgInitialPositionMode, in modelSet: esriNgInitialPositionMode)
- SetEffect (in effect: esriNgDrawingEffect, in effValue: Variant)
- SetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect, in effValue: Variant)

NgAttribute

NgAttribute : IDispatch

- Name: String
- ObjectType: INgObjectType
- Type: esriNgAttributeType

- Delete

NgAttributeFunction

NgAttributeFunction : IDispatch

- Name: String
- ParameterNames: INgNames
- ProcedureName: String
- UserAttributeSet: INgUserAttributeSet
- UserAttributeSetName: String

NgAttributeConstant

NgAttributeConstant : IDispatch

- ConstantValue: String
- Name: String

NgAttributeField

NgAttributeField : IDispatch

- FieldNames: INgNames
- Name: String

NgAttributeFormatted

NgAttributeFormatted : IDispatch

- Attributes: INgAttributes
- Format: String
- Name: String

NgAttributeQuery

NgAttributeQuery : IDispatch

- DataSource: INgDataSource
- FieldNames: String
- Name: String
- Parameters: INgParameters
- QueryString: String

NgAttributePropertySet

NgAttributePropertySet : IDispatch

- FieldName: String
- Name: String
- PropertyName: String

NgProperty

NgProperty : IDispatch

- AssociatedAttribute: INgAttribute
- DisplayFlagModel: INgFlagModel
- ElementType: INgElementType
- Name: String
- Type: esriNgPropertyType

- Delete
- GetEffect (in effect: esriNgPropertyEffect): Variant
- IsEffectSet (in effect: esriNgPropertyEffect): Boolean
- RemoveEffect (in effect: esriNgPropertyEffect)
- SetEffect (in effect: esriNgPropertyEffect, in effValue: Variant)

NgTextualProperty

NgTextualProperty : IDispatch

- ElementType: INgElementType
- Name: String

NgDirectProperty

NgDirectProperty : IDispatch

- ElementType: INgElementType
- Name: String
- GraphicEffect: esriNgDirectPropertyEffect

NgDiscreteProperty

NgDiscreteProperty : IDispatch

- ElementType: INgElementType
- Filters: INgBoundedFilters
- Name: String

- AddFilter (in filterNum: Long, in Name: String, in Value: Variant): INgDiscreteFilter
- DeleteFilter (in filterNum: Long)
- GetElementsByFilter (in Diagram: INgDiagram, in filterNum: Long, in mode: esriNgFilterSelectionMode): INgElements

NgBoundedProperty

NgBoundedProperty : IDispatch

- ElementType: INgElementType
- Filters: INgBoundedFilters
- Name: String

- AddFilter (in filterNum: Long, in Name: String, in LowerBound: Variant, in UpperBound: Variant): INgBoundedFilter
- DeleteFilter (in filterNum: Long)
- GetElementsByFilter (in Diagram: INgDiagram, in filterNum: Long, in mode: esriNgFilterSelectionMode): INgElements

NgPropertyFilter

NgPropertyFilter : IDispatch

- Name: String
- Number: Long
- Type: esriNgPropertyFilterType

NgDiscreteFilter

NgDiscreteFilter : IDispatch

- FilterEffects: INgFilterEffects
- Name: String
- Number: Long
- PatternModels: INgPatternModels
- Property: INgDiscreteProperty

- AddPatternModel (in PatternModel: INgPatternModel)
- CreateFilterEffect(in effect: esriNgFilterEffectType): Variant
- GetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect): Variant
- IsEffectSet (in effect: esriNgFilterEffectType): Boolean
- IsSubSymbolEffectSet (in subName: String, in effect: esriNgSubSymbolEffect): Boolean
- RemoveEffect (in effect: esriNgFilterEffectType)
- RemovePatternModel (in PatternModel: INgPatternModel)
- RemovePatternModels
- RemoveSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect)
- SetEffect (in effect: esriNgDiscreteFilterEffect, in effValue: Variant)
- SetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect, in effValue: Variant)

NgBoundedFilter

NgBoundedFilter : IDispatch

- FilterEffects: INgFilterEffects
- Name: String
- Number: Long
- PatternModels: INgPatternModels
- Property: INgBoundedProperty

- AddPatternModel (in PatternModel: INgPatternModel)
- CreateFilterEffect(in effect: esriNgFilterEffectType): Variant
- GetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect): Variant
- IsEffectSet (in effect: esriNgFilterEffectType): Boolean
- IsSubSymbolEffectSet (in subName: String, in effect: esriNgSubSymbolEffect): Boolean
- RemoveEffect (in effect: esriNgFilterEffectType)
- RemovePatternModel (in PatternModel: INgPatternModel)
- RemovePatternModels
- RemoveSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect)
- SetEffect (in effect: esriNgBoundedFilterEffect, in effValue: Variant)
- SetSubSymbolEffect (in subName: String, in effect: esriNgSubSymbolEffect, in effValue: Variant)

NgFilterEffect

NgFilterEffect : IDispatch

- EffectType: esriNgFilterEffect
- Name: String
- SubSymbolName: String

NgPatternModel

NgPatternModel : IDispatch

- Name: String
- Project: INgProject
- Type: esriNgPatternType

- Delete
- GetEffect (in effect: esriNgPatternModelEffect): Variant
- IsEffectSet (in effect: esriNgPatternModelEffect): Boolean
- RemoveEffect (in effect: esriNgPatternModelEffect)
- SetEffect (in effect: esriNgPatternModelEffect, in effValue: Variant)

NgSymbol

NgSymbol : IDispatch

- Name: String
- SubSymbols: INgSymbols

- GetBoundingBox (out upperLeftCorner: INgPoint, out lowerRightCorner: INgPoint)

NgCommand

NgCommand : IDispatch

- Name: String
- StatusText: String
- ToolTipText: String

- Execute
- IsChecked: Boolean
- IsEnabled: Boolean

Enumerations

esriNgPropertyValueTypeEnum
1 - esriNgStringPropertyValue
2 - esriNgIntegerPropertyValue
3 - esriNgFloatPropertyValue

esriNgPatternModelPositioningModeType
2095 - esriNgRelativeSpacing
2067 - esriNgSegmentRelativeSpacing
2068 - esriNgSegmentSpacing
2069 - esriNgSegmentAbsoluteSpacing
2066 - esriNgAbsoluteSpacing
2049 - esriNgPatternOrigin
2047 - esriNgPatternExtensity

esriNgZoomMode
2057 - esriNgZoomAndScaleZoom
2056 - esriNgStretchZoom

esriNgVisibility
1 - esriNgVisible
0 - esriNgInvisible

esriNgViewEffect
1166 - esriNgViewBackgroundColor
1167 - esriNgViewForegroundColor
1165 - esriNgViewLabelEffects
1228 - esriNgViewSymbolPaperScale
1229 - esriNgViewLabelPaperScale
1230 - esriNgViewPaperScale
1198 - esriNgViewSymbolRatio

esriNgVectorImageEffect
1023 - esriNgVectorImageVisibility
1025 - esriNgVectorImagePriority
1020 - esriNgVectorImageScalingFactor
1000 - esriNgVectorImageLineColor
1006 - esriNgVectorImageFillColor
1009 - esriNgVectorImageTextColor

esriNgValueType
3 - esriNgStringValue
1 - esriNgIntegerValue
2 - esriNgDoubleValue

esriNgTraceLevel
0 - esriNgTraceLevel
1 - esriNgWarningLevel
2 - esriNgInformationLevel

esriNgTitleBlockPosition
10 - esriNgTitleBlockTopLeft
12 - esriNgTitleBlockTopCenter
11 - esriNgTitleBlockTopRight
14 - esriNgTitleBlockBottomLeft
24 - esriNgTitleBlockBottomCenter
13 - esriNgTitleBlockBottomRight

esriNgTileViewMode
1 - esriNgTileHorizontally
2 - esriNgTileVertically
3 - esriNgTileCascade
3 - esriNgSetTileArea
4 - esriNgUnsetTileArea

esriNgTextBackgroundColor
2 - esriNgTransparent
1 - esriNgOpaque

esriNgTextAlignment
12 - esriNgAlignmentTopLeft
22 - esriNgAlignmentTopCenter
11 - esriNgAlignmentTopRight
14 - esriNgAlignmentBottomLeft
24 - esriNgAlignmentBottomCenter
34 - esriNgAlignmentBottomRight
13 - esriNgAlignmentHalfLeft
23 - esriNgAlignmentHalfCenter
33 - esriNgAlignmentHalfRight

esriNgSymmetryType
3039 - esriNgSymmetryHorizontal
2040 - esriNgSymmetryVertical
2041 - esriNgSymmetryCentered
1 - esriNgNoSymmetry

esriNgSubSymbolEffect
1000 - esriNgSubSymbolLineColor
1001 - esriNgSubSymbolLineStyle
1002 - esriNgSubSymbolLineWidth
1006 - esriNgSubSymbolFillColor
1007 - esriNgSubSymbolFillStyle
1008 - esriNgSubSymbolHatchStyle
1015 - esriNgSubSymbolTextAlignment
1012 - esriNgSubSymbolTextAngle
1242 - esriNgSubSymbolTextColor
1009 - esriNgSubSymbolTextFont
1013 - esriNgSubSymbolTextPrecision
1010 - esriNgSubSymbolTextSize
1023 - esriNgSubSymbolVisibility
1018 - esriNgSubSymbolRotation
1019 - esriNgSubSymbolSymmetry
1193 - esriNgSubSymbolXScaling
1194 - esriNgSubSymbolYScaling
1020 - esriNgSubSymbolScaling

esriNgSelectionStyleType
1 - esriNgHandle
2 - esriNgRubberBand
3 - esriNgHandleAndHighlight

esriNgSelectability
1 - esriNgSelectable
0 - esriNgUnselectable

esriNgSaveModeType
1 - esriNgSaveByFramework
2 - esriNgSaveByEnvelope
3 - esriNgSaveUndefined

esriNgRescalability
1 - esriNgRescalable
0 - esriNgUnrescalable

esriNgRedrawMode
0 - esriNgNoRedrawChange
1 - esriNgRedrawAll

esriNgRasterImageEffect
1157 - esriNgRasterImageOpacity
1155 - esriNgRasterImageVisibility
1154 - esriNgRasterImageWidth
1153 - esriNgRasterImageVisibility
1025 - esriNgRasterImagePriority

esriNgPropertyType
2062 - esriNgDiscretePropertyType
2064 - esriNgBoundedPropertyType
2060 - esriNgDiscreteProperty Type
2061 - esriNgBoundedPropertyType

esriNgPropertyEffect
1048 - esriNgPropertyValueType
1046 - esriNgPropertyLabel
1047 - esriNgPropertyLabelDisplayMode
1106 - esriNgPropertyLabelPos
1054 - esriNgPropertyLabelPlacement
1227 - esriNgPropertyLabelRelativePosition
-1227 - esriNgPropertyLabelAbsolutePosition
1052 - esriNgPropertyStringLength
1053 - esriNgPropertyTextAlignment
1010 - esriNgPropertyTextAngle
1012 - esriNgPropertyTextAngle
1009 - esriNgPropertyTextColor
1013 - esriNgPropertyTextPrecision
1010 - esriNgPropertyTextSize
1011 - esriNgPropertyTextFont
1126 - esriNgPropertyTextSeparator
1127 - esriNgPropertyInterlineSpacing
1232 - esriNgPropertyTextBackgroundColor
1233 - esriNgPropertyLegendVisibility
1185 - esriNgPropertyLegendNotes

esriNgPatternModelEffect
1086 - esriNgPatternModelColorMode
1090 - esriNgPatternModelDrawMode
1033 - esriNgPatternModelOrientation
1087 - esriNgPatternModelPositioningMode
1088 - esriNgPatternModelPositioningOnSegment
1089 - esriNgPatternModelSpacing
1096 - esriNgPatternModelSpacing
1021 - esriNgPatternModelTextFont
1000 - esriNgPatternModelSymbolName
1001 - esriNgPatternModelLineColor
1002 - esriNgPatternModelLineStyle
1003 - esriNgPatternModelLineWidth
1006 - esriNgPatternModelFillColor
1007 - esriNgPatternModelFillStyle
1008 - esriNgPatternModelHatchStyle
1015 - esriNgPatternModelTextAlignment
1012 - esriNgPatternModelTextAngle
1009 - esriNgPatternModelTextColor
1013 - esriNgPatternModelTextPrecision
1010 - esriNgPatternModelTextSize
1023 - esriNgPatternModelVisibility
1018 - esriNgPatternModelRotation
1019 - esriNgPatternModelSymmetry
1193 - esriNgPatternModelXScaling
1194 - esriNgPatternModelYScaling
1020 - esriNgPatternModelScaling

esriNgPatternModelDrawMode
2073 - esriNgPatternModelColorMode
2072 - esriNgPatternModelDrawMode

esriNgPatternModelColorMode
1 - esriNgPatternModelSlave
0 - esriNgPatternModelNotSlave

esriNgOrientationMode
2072 - esriNgOriented
2073 - esriNgNotOriented

esriNgModelNode
1000 - esriNgModelSymbolName
1001 - esriNgModelLineColor
1002 - esriNgModelLineStyle
1003 - esriNgModelLineWidth
1006 - esriNgModelFillColor
1007 - esriNgModelFillStyle
1008 - esriNgModelHatchStyle
1188 - esriNgModelFrameLineColor
1190 - esriNgModelFrameLineStyle
1191 - esriNgModelFrameLineWidth
1187 - esriNgModelFrameFillColor
1189 - esriNgModelFrameFillStyle
1192 - esriNgModelFrameHatchStyle
1186 - esriNgModelFrameVisibility
1015 - esriNgModelTextAlignment
1012 - esriNgModelTextAngle
1009 - esriNgModelTextColor
1013 - esriNgModelTextPrecision
1010 - esriNgModelTextSize
1023 - esriNgModelVisibility
1018 - esriNgModelRotation
1019 - esriNgModelSymmetry
1193 - esriNgModelXScaling
1194 - esriNgModelYScaling
1020 - esriNgModelScaling
1174 - esriNgModelResizability
1175 - esriNgModelSelectability

esriNgModelMove
2084 - esriNgRelativeMove
2085 - esriNgAbsoluteMove

esriNgMouseClick
0 - esriNgLeftClick
1 - esriNgRightClick
2 - esriNgLeftDblClick
3 - esriNgRightDblClick

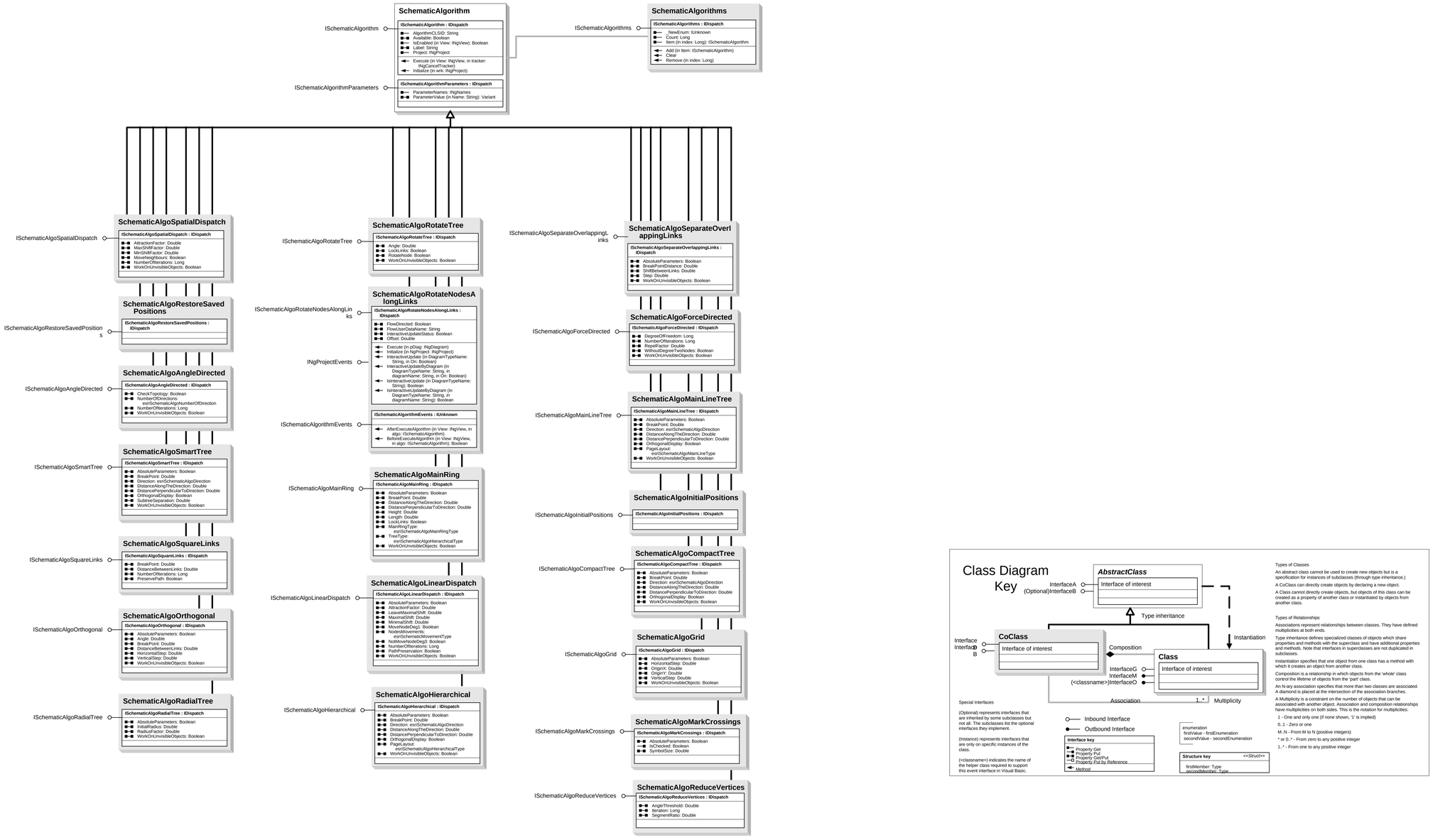
esriNgMovability
1 - esriNgMovable
0 - esriNgUnmovable

esriNgMsgType
1 - esriNgMsgTypeElement
2 - esriNgMsgTypeDiagram
3 - esriNgMsgTypeLegendGroup
4 - esriNgMsgTypeView
5 - esriNgMsgTypeLegendProperty
6 - esriNgMsgTypeUndefined

esriNgMarginMode
2084 - esriNgRelativeMargin
2085 - esriNgAbsoluteMargin

esriNgLinkEffect
1000 - esriNgLinkLineColor
1001 - esriNgLinkLineStyle
1002 - esriNgLinkLineWidth
1031 - esriNgLinkArrowMode
1006 - esriNgLinkFillColor
1007 - esriNgLinkFillStyle
1008 - esriNg

Schematic Object Model
Algorithm Objects

ArcGIS™ 9.2

Copyright © 1999-2006 Environmental Systems Research Institute, Inc.
All rights reserved. ArcGIS is a trademark of ESRI.