System Object Model

ESRI® ArcGIS® 9.3

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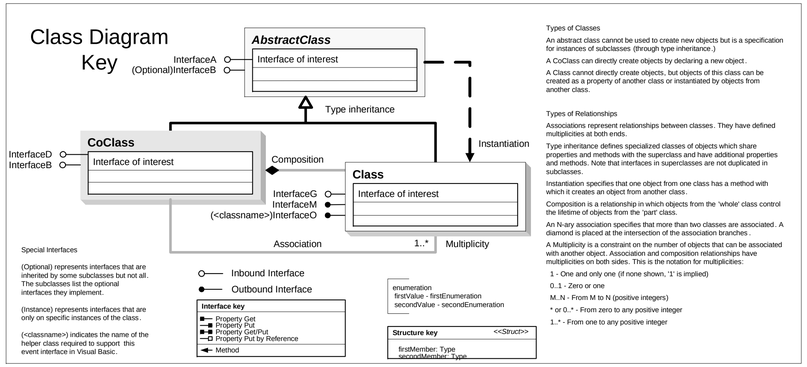
Class Diagram Key



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

Interfaces

IAoInitialize
- IAoInitialize : IUnknown
  - CheckInExtension (in extensionCode: esriLicenseExtensionCode): esriLicenseStatus
  - CheckOutExtension (in extensionCode: esriLicenseExtensionCode): esriLicenseStatus
  - Initialize (in ProductCode: esriLicenseProductCode): esriLicenseStatus
  - InitializedProduct: esriLicenseProductCode
  - IsExtensionCheckedOut (in extensionCode: esriLicenseExtensionCode): Boolean
  - IsExtensionCodeAvailable (in ProductCode: esriLicenseProductCode, in extensionCode: esriLicenseExtensionCode): esriLicenseStatus
  - IsProductCodeAvailable (in ProductCode: esriLicenseProductCode): esriLicenseStatus
  - Shutdown

ILicenseInformation
- ILicenseInformation : IUnknown
  - GetLicenseExtensionName (in extensionCode: esriLicenseExtensionCode): String
  - GetLicenseProductName (in ProductCode: esriLicenseProductCode): String
  - GetProductExtensions (in ProductCode: esriLicenseProductCode): ILicenseInfoNum

ILicenseInfoEnum
- ILicenseInfoEnum : IUnknown
  - Next: esriLicenseExtensionCode
  - Reset

IAuthorizeLicense
- AoAuthorizeLicense : IUnknown
  - FeaturesAdded: String
  - LastError: String
  - AddLicense (in featureName: String, in versionNumber: Long, in timeoutDate: String, in registrationNumber: String, in authorizationCode: String)
  - AddLicenseFromFile (in FileName: String)

IESRILicenseInfo
- IESRILicenseInfo : IUnknown
  - DefaultProduct: esriProductCode
  - IsLicensed (in ProductCode: esriProductCode): Boolean

IExtensionManager
- ExtensionManager : IUnknown
  - Extension (in Index: Long): IExtension
  - ExtensionCLSID (in Index: Long): IUID
  - ExtensionCount: Long
  - FindExtension (in nameOrID: Variant): IExtension

IExtensionManagerAdmin
- IExtensionManagerAdmin : IUnknown
  - AddExtension (in ExtensionCLSID: IUID, in initializationData: Variant)
  - ShutdownExtensions
  - StartupExtensions (in componentCategory: IUID, in pCLSID: IUID, in initializationData: Variant)

- IJTEExtensionManager : IUnknown
  - JTEExtensionCLSID (in Index: Long): IUID
  - JTEExtensionCount: Long
  - InsertExtension (in pExtCLSID: IUID, in pExtension: IExtension)
  - IsExtensionEnabled (in pExtCLSID: IUID): Boolean
  - IsLoaded (in pID: IUID): Boolean
  - RemoveExtension (in pExtension: IExtension)

IAppLockMgr
- IAppLockMgr : IUnknown
  - Count: Long
  - Add (in pALockMgr: IALockMgr, in pID: Long, out cookie: Long)
  - ClearLock (in cookie: Long, in FileName: String, in lockMgrType: esriLockMgrType)
  - GetLock (in cookie: Long, in FileName: String, in lockMgrType: esriLockMgrType, out pbGlobalAlive: Boolean)
  - Remove (in cookie: Long)
  - SetLock (in cookie: Long, in FileName: String, in lockMgrType: esriLockMgrType)

IProductInstalled
- IProductInstalled : IUnknown
  - IsProductInstalled (in ProductInstalled: esriProductInstalled): Boolean

IAfLockMgr
- AfLockMgr
- IAfLockMgr : IUnknown
  - CheckLock (in FileName: String, in lockMgrType: esriLockMgrType): Boolean
  - ClearLock (in FileName: String, in lockMgrType: esriLockMgrType): Boolean
  - IsGlobalAlive: Boolean
  - Register: Boolean
  - SetLock (in FileName: String, in lockMgrType: esriLockMgrType): Boolean
  - Unregister: Boolean

IComponentCategoryManager
- ComponentCategoryManager
- IComponentCategoryManager : IUnknown
  - Create (in Name: String, in Category: IUID)
  - Setup (in PathName: String, in ObjectType: IUID, in Category: IUID, in install: Boolean)
  - Object (in PathName: String, in obj IUID, in Category: IUID, in install: Boolean)

ICategoryFactory
- CategoryFactory
- ICategoryFactory : IUnknown
  - CategoryID: IUID
  - CreateNext: IUnknown

IFileName / IName / IPersist / IPersistStream
- FileName
- IFileName : IUnknown
  - Path: String

IFileNames / IFileNames2
- FileNames
- IFileNames : IUnknown
  - Add (in FileName: String)
  - Next: String
  - Remove
  - Reset
- IFileNames2 : IUnknown
  - Find (in FileName: String): Boolean
  - GetContainedExtensions: String
  - GetSubset (in extSet: String): IFileNames
  - LoadFromPath (in Path: String)

INameFactory
- NameFactory
- INameFactory : IUnknown
  - Create (in NameString: String): IName
  - PackageNames (in Names: IEnumName): Variant
  - UnpackageNames (in bytesArray: Variant): IEnumName

IObjectCopy
- ObjectCopy
- IObjectCopy : IUnknown
  - Copy (in pInObject: IUnknown): IUnknown
  - Overwrite (in pInObject: IUnknown, pOverwriteObject: IUnknown)

IZipArchive
- ZipArchive
- IZipArchive : IUnknown
  - AddFile (in inputFile: String)
  - CloseArchive
  - CreateArchive (in archiveName: String)
  - Extract (in outputDir: String)
  - ExtractFile (in File: String, in outputDir: String)
  - GetFileNames: IEnumBSTR
  - OpenArchive (in archiveName: String)

XMLWriter
- XMLWriter
- IXMLWriter : IUnknown
  - LookupNamespace (in uri: String): String
  - WriteBinary (in Value: BYTE)
  - WriteBoolean (in Value: Boolean)
  - WriteByte (in Value: BYTE)
  - WriteCData (in cdata: String)
  - WriteDate (in Value: DATE)
  - WriteDouble (in Value: Double)
  - WriteEndTag
  - WriteFloat (in Value: Single)
  - WriteInteger (in Value: Long)
  - WriteNewLine
  - WriteShort (in Value: Integer)
  - WriteStartTag (in LocalName: String, in uri: String, in Attributes: IXMLAttributes, in namespaces: IXMLNamespaces, in IsEmpty: Boolean)
  - WriteText (in Text: String)
  - WriteTo (in outputStream: IStream)
  - WriteVariant (in Value: Variant)
  - WriteXML (in XML: String)
  - WriteXMLDeclaration

IArray
- Array
- IArray : IUnknown
  - Count: Long
  - Element (in Index: Long): IUnknown
  - Add (in unk: IUnknown)
  - Insert (in Index: Long, in unk: IUnknown)
  - Remove (in Index: Long)
  - RemoveAll

IXMLSerializable

IArray2
- IArray2 : IUnknown
  - Replace (in Index: Long, in unk: IUnknown)

ILongArray
- LongArray
- ILongArray : IUnknown
  - Count: Long
  - Element (in Index: Long): Long
  - Add (in Element: Long)
  - Insert (in Index: Long, in Element: Long)
  - Remove (in Index: Long)
  - RemoveAll

IXMLSerializable / IPersist / IPersistStream

IDoubleArray
- DoubleArray
- IDoubleArray : IUnknown
  - Count: Long
  - Element (in Index: Long): Double
  - Add (in Element: Double)
  - Insert (in Index: Long, in Element: Double)
  - Remove (in Index: Long)
  - RemoveAll

IXMLSerializable / IPersist / IPersistStream

IStringArray
- StrArray
- IStringArray : IUnknown
  - Count: Long
  - Element (in Index: Long): String
  - Add (in Element: String)
  - Insert (in Index: Long, in Element: String)
  - Remove (in Index: Long)
  - RemoveAll

IXMLSerializable / IPersist / IPersistStream

IVariantArray
- VarArray
- IVariantArray : IUnknown
  - Count: Long
  - Element (in Index: Long): Variant
  - Add (in Element: Variant)
  - Insert (in Index: Long, in Element: Variant)
  - Remove (in Index: Long)
  - RemoveAll

IXMLSerializable / IPersist / IPersistStream

IXMLPersistedObject
- XMLPersistedObject
- IXMLPersistedObject : IUnknown
  - Object: IUnknown

IXMLSerializable

IXMLTypeMapper
- XMLTypeMapper
- IXMLTypeMapper : IUnknown
  - FromBinary (in Value: BYTE): String
  - FromBoolean (in Value: Boolean): String
  - FromByte (in Value: BYTE): String
  - FromDate (in Value: GetTypeDescAsVb(): vt = 7): String
  - FromDouble (in Value: Double): String
  - FromFloat (in Value: Single): String
  - FromInteger (in Value: Long): String
  - FromShort (in Value: Integer): String
  - ToBinary (in Text: String): BYTE
  - ToBoolean (in Text: String): Boolean
  - ToByte (in Text: String): BYTE
  - ToDate (in Text: String): GetTypeDescAsVb(): vt = 7
  - ToDouble (in Text: String): Double
  - ToFloat (in Text: String): Single
  - ToInteger (in Text: String): Long
  - ToObject (in NamespaceURI: String, in TypeName: String): IUnknown
  - ToShort (in Text: String): Integer

IXMLNamespaces
- XMLNamespaces
- IXMLNamespaces : IUnknown
  - NamespaceCount: Long
  - NamespaceURI (in index: Long): String
  - Prefix (in Index: Long): String
  - AddNamespace (in Prefix: String, in uri: String)
  - DeleteNamespace (in uri: String)

IXMLAttributes
- XMLAttributes
- IXMLAttributes : IUnknown
  - AttributeCount: Long
  - LocalName (in Index: Long): String
  - NamespaceURI (in Index: Long): String
  - Value (in Index: Long): String
  - AddAttribute (in LocalName: String, in NamespaceURI: String, in Value: String)
  - DeleteAttribute (in LocalName: String, in NamespaceURI: String)
  - FindAttribute (in LocalName: String, in NamespaceURI: String): Long

ISet
- Set
- ISet : IUnknown
  - Count: Long
  - Add (in unk: IUnknown)
  - Find (in unk: IUnknown): Boolean
  - Next: IUnknown
  - Remove (in unk: IUnknown)
  - RemoveAll
  - Reset

IPropertySet / IClone / IPersist / IPersistStream / IXMLSerializable
- PropertySet
- IPropertySet : IUnknown
  - Count: Long
  - GetAllProperties (out Names: Variant, out Values: Variant)
  - GetProperties (in Names: Variant, out Values: Variant)
  - GetProperty (in Name: String): Variant
  - IsEqual (in IPropertySet: IPropertySet): Boolean
  - RemoveProperty (in Name: String)
  - SetProperties (in Names: Variant, in Values: Variant)
  - SetProperty (in Name: String, in Value: Variant)
- IPropertySet2 : IPropertySet
  - IsEqualNoCase (in PropertySet: IPropertySet): Boolean

IStatisticsResults
- BaseStatistics
- IStatisticsResults : IUnknown
  - Count: Long
  - Maximum: Double
  - Mean: Double
  - Minimum: Double
  - StandardDeviation: Double
  - Sum: Double

IGenerateStatistics
- IGenerateStatistics : IUnknown
  - Sample: Boolean
  - SimpleStats: Boolean
  - AddValue (in Value: Double)
  - FinalCompute
  - Reset (in SimpleStats: Boolean)

IFrequencyStatistics
- IFrequencyStatistics : IUnknown
  - FrequencyClassCount (in intervalIndex: Long): Long
  - FrequencyIntervalCount: Long
  - FrequencyIntervalSize: Double
  - ComputeAutoFrequencyIntervals

IXMLFlags
- XMLFlags
- IXMLFlags : IUnknown
  - Count: Long
  - FlagName (in Index: Long): String
  - FlagValue (in Index: Long): Boolean
  - GetFlag (in Name: String): Boolean
  - SetFlag (in Name: String, in FlagValue: Boolean)

IXMLSerializer
- XMLSerializer
- IXMLSerializer : IUnknown
  - LoadFromString (in XML: String, in Environment: IPropertySet, in Flags: IXMLFlags): IUnknown
  - ReadObject (in pReader: IXMLReader, in Environment: IPropertySet, in Flags: IXMLFlags): IUnknown
  - ReadObjectByType (in pReader: IXMLReader, in Environment: IPropertySet, in Flags: IXMLFlags, in TypeNamespace: String, in TypeName: String): IUnknown
  - SaveToString (in obj: IUnknown, in GetTypeDescAsVb(): vt = 7 : ToDouble (in Text: String): Double, in Flags: IXMLFlags): String
  - WriteObject (in pWriter: IXMLWriter, in Environment: IPropertySet, in Flags: IXMLFlags, in elementName: String, in elementNamespaceURI: String, in obj: IUnknown)

IXMLReader
- XMLReader
- IXMLReader : IUnknown
  - Attributes: IXMLAttributes
  - HasElementChildren: Boolean
  - IsLastChild: Boolean
  - LocalName: String
  - NamespaceDeclarations: IXMLNamespaces
  - NamespacePrefix: String
  - NamespaceURI: String
  - Text: String
  - CloseElement
  - LookupPrefix (in Prefix: String): String
  - NextElement
  - OpenElement
  - ReadBinary: BYTE
  - ReadBoolean: Boolean
  - ReadByte: BYTE
  - ReadDate: DATE
  - ReadDouble: Double
  - ReadFloat: Single
  - ReadFrom (in inputStream: IStream)
  - ReadInteger: Long
  - ReadShort: Integer
  - ReadVariant: Variant

IProxyServerInfo
- ProxyServerInfo
- IProxyServerInfo : IUnknown
  - Enabled: Boolean
  - Password: String
  - ProxyServer: String
  - UserName: String
  - ReadProxyServerInfo
  - WriteProxyServerInfo

IClassify
- Classify
- IClassify : IUnknown
  - ClassBreaks: Variant
  - ClassID: IUID
  - MethodName: String
  - Classify (NumClasses: Long)
  - SetHistogramData (in doubleArrayValues: Variant, in longArrayFrequencies: Variant)

IClassifyGEN
- IClassifyGEN : IUnknown
  - ClassBreaks: Variant
  - ClassID: IUID
  - MethodName: String
  - Classify (in doubleArrayValues: Variant, in longArrayFrequencies: Variant, NumClasses: Long)

IClassifyMinMax / IClassifyMinMax2 / IIntervalRange / IIntervalRange2
- DefinedInterval
- IClassifyMinMax : IUnknown
  - Maximum: Double
  - Minimum: Double
- IClassifyMinMax2 : IUnknown
  - ClassifyMinMax (in Min: Double, in Max: Double, NumClasses: Long)
- IIntervalRange : IUnknown
  - Default: Double
  - IntervalRange: Double
- IIntervalRange2 : IUnknown
  - Default (Values: Variant, frequencies: Variant): Double
  - IntervalRange: Double

IClassifyMinMax / IClassifyMinMax2
- EqualInterval

- NaturalBreaks

- Quantile

IDeviationInterval
- StandardDeviation
- IDeviationInterval : IUnknown
  - DeviationInterval: Double
  - Mean: Double
  - StandardDev: Double

ISystemBridge
- SystemHelper
- ISystemBridge : IUnknown
  - Classify (pClassify: IClassifyGEN, in doubleArrayValues: Double, in longArrayFrequencies: Long, NumClasses: Long)

IUnitConverter
- UnitConverter
- IUnitConverter : IUnknown
  - ConvertUnits (in dVAlue: Double, in inUnits: esriUnits, in outUnits: esriUnits): Double
  - EsriUnitsAsString (in Units: esriUnits, in appearance: esriCaseAppearance, in bPlural: Boolean): String

IUID
- UID
- IUID : IDispatch
  - SubType: Long
  - Value: Variant
  - Compare (in otherID: IUID)
  - Generate

IStream
- Stream
- IStream : ISequentialStream
  - Clone (out ppstm: IStream)
  - Commit (in grfCommitFlags: Unsigned Long)
  - LockRegion (in libOffset: _ULARGE_INTEGER, in cb: _ULARGE_INTEGER, in dwLockType: Unsigned Long)
  - RemoteCopyTo (in pstm: IStream, in cb: _ULARGE_INTEGER, out pcbRead: _ULARGE_INTEGER, out pcbWritten: _ULARGE_INTEGER)
  - RemoteSeek (in dlibMove: _LARGE_INTEGER, in dwOrigin: Unsigned Long, out plibNewPosition: _ULARGE_INTEGER)
  - Revert
  - SetSize (in libNewSize: _ULARGE_INTEGER)
  - Stat (out pstatstg: tagSTATSTG, in grfStatFlag: Unsigned Long)
  - UnlockRegion (in libOffset: _ULARGE_INTEGER, in cb: _ULARGE_INTEGER, in dwLockType: Unsigned Long)

ISequentialStream
- ISequentialStream : IUnknown
  - RemoteRead (out pv: BYTE, in cb: Unsigned Long, out pcbRead: Unsigned Long)
  - RemoteWrite (in pv: BYTE, in cb: Unsigned Long, out pcbWritten: Unsigned Long)

IDocumentVersion
- MemoryBlobStream
- IDocumentVersion : IUnknown
  - DocumentVersion: esriArcGISVersion

IBlobStream
- IBlobStream : IStream
  - Size: Unsigned Long
  - LoadFromFile (in FileName: String)
  - SaveToFile (in FileName: String)

IMemoryBlobStream
- IMemoryBlobStream : IBlobStream
  - Memory (out blobMemory: BYTE): Unsigned Long
  - AttachToMemory (in blobMemory: BYTE, Size: Unsigned Long, transferOwnership: Long)
  - ImportFromMemory (in blobMemory: BYTE, Size: Unsigned Long)

IMemoryBlobStream2
- IMemoryBlobStream2 : IMemoryBlobStream
  - AllocSize: Unsigned Long
  - PaddingSize: Unsigned Long

IMemoryBlobStreamVariant
- IMemoryBlobStreamVariant : IUnknown
  - ExportToVariant (out Value: Variant)
  - ImportFromVariant (in Value: Variant)

IObjectStream
- ObjectStream
- IObjectStream : IStream
  - Stream: IStream
  - Version: String
  - LoadObject (in riid: GUID, in pUnkOuter: IUnknown): IUnknown
  - ReplaceObject (in unknown: IUnknown)
  - SaveObject (in pUnk: IUnknown)

IFile / IBlobStream
- FileStream
- IFile : IUnknown
  - Open (in FileName: String, in permission: esriFilePermission)

IXMLStream
- XMLStream
- IXMLStream : IUnknown
  - LoadFromBytes (in bytes: BYTE)
  - LoadFromFile (in FilePath: String)
  - LoadFromString (in XML: String)
  - Reset
  - SaveToBytes: BYTE
  - SaveToFile (in FilePath: String)
  - SaveToString: String

IAngularConverter
- AngularConverter
- IAngularConverter : IUnknown
  - GetAngle (in dt: esriDirectionType, in du: esriDirectionUnits): Double
  - GetString (in dt: esriDirectionType, in du: esriDirectionUnits, in precision: Long): String
  - SetAngle (in angle: Double, in dt: esriDirectionType, in du: esriDirectionUnits): Boolean
  - SetString (in angle: String, in dt: esriDirectionType, in du: esriDirectionUnits): Boolean

IByteSwapStreamIO
- ByteSwapStreamIO
- IByteSwapStreamIO : IUnknown
  - Stream: IStream
  - Read (in DataType: esriByteSwapDataType, out pv: Any, in cb: Unsigned Long, out pcbRead: Unsigned Long)
  - Write (in DataType: esriByteSwapDataType, in pv: Any, in cb: Unsigned Long, out pcbWritten: Unsigned Long)

IVariantStream
- VariantStreamIO
- IVariantStreamIO : IUnknown
  - Stream: IStream
- IVariantStream : IUnknown
  - Read: Variant
  - Write (in Value: Variant)

IUnknown
- IUnknown

IDispatch
- IDispatch

IEnumNumericAlignment
- 0 - esriAlignRight
- 1 - esriAlignLeft

IEnumProductInstalled
- 10 - esriProductInstalledDesktop
- 20 - esriProductInstalledEngineRuntime
- 30 - esriProductInstalledReader
- 40 - esriProductInstalledServerNET
- 50 - esriProductInstalledServerJAVA

IEnumRoundingOptionEnum
- 0 - esriRoundNumberOfDecimals
- 1 - esriRoundNumberOfSignificantDigits

IEnumTextureCompressionType
- 1 - esriTextureCompressionNever
- 2 - esriTextureCompressionNone
- 3 - esriTextureCompressionJPEG

IEnumUnits
- 0 - esriUnknownUnits
- 1 - esriInches
- 2 - esriPoints
- 3 - esriFeet
- 4 - esriYards
- 5 - esriMiles
- 6 - esriNauticalMiles
- 7 - esriMillimeters
- 8 - esriCentimeters
- 9 - esriMeters
- 10 - esriKilometers
- 11 - esriDecimalDegrees
- 12 - esriDecimeters

IEnumDirectionUnits
- 9101 - esriDURadians
- 2 - esriDUDecimalDegrees
- 3 - esriDUDegreesMinutesSeconds
- 9105 - esriDUGradians
- 9106 - esriDUGons

IEnumBSTR
- Next: String
- Reset

IEnumName
- Next: IName
- Reset

IEnumNamedID
- Next (out nextName: String): Long
- Reset

IEnumNameEdit
- Add (in Name: IName)
- Remove (in Name: IName)
- RemoveCurrent

IEnumVariantSimple
- Next: Variant
- Reset

IErrorCollection
- ErrorCount: Long
- ErrorDescription (in Index: Long): String

IExtension
- Name: String
- Shutdown
- Startup (in initializationData: Variant)

IExtensionAccelerators
- CreateAccelerators

IEnumDirectionType
- 1 - esriDTNorthAzimuth
- 2 - esriDTSouthAzimuth
- 3 - esriDTPolar
- 4 - esriDTQuadrantBearing

IEnumDirectionFormatEnum
- 0 - esriDFDegreesMinutesSeconds
- 1 - esriDFQuadrantBearing

IEnumCoreErrorReturnCodes
- -2147221247 - E_NOTLICENSED

IEnumCoreErrorRetunCodes
- -2147220944 - XML_SERIALIZE_E_UNKNOWN
- -2147209114 - XML_SERIALIZE_E_INVALIDENUMVALUE
- -2147209113 - XML_SERIALIZE_E_CONVFAILED

IEnumesriLicenseExtensionCode
- 4 - esriLicenseExtensionCodeArcPress
- 5 - esriLicenseExtensionCodeTIFFLZW
- 6 - esriLicenseExtensionCodeGeoStats
- 7 - esriLicenseExtensionCodeMrSID
- 8 - esriLicenseExtensionCodeNetwork
- 9 - esriLicenseExtensionCodeSDOAnalyst
- 10 - esriLicenseExtensionCodeSpatialAnalyst
- 12 - esriLicenseExtensionCodeStreetMap
- 13 - esriLicenseExtensionCodeCOGO
- 14 - esriLicenseExtensionCodeMrLE
- 15 - esriLicenseExtensionCodePublisher
- 16 - esriLicenseExtensionCodeArcMapServer
- 32 - esriLicenseExtensionCodeTracking
- 33 - esriLicenseExtensionCodeSurvey
- 34 - esriLicenseExtensionCodeArcScan
- 35 - esriLicenseExtensionCodeBusiness
- 36 - esriLicenseExtensionCodeSchematics
- 37 - esriLicenseExtensionCodeSchematicsSDK
- 38 - esriLicenseExtensionCodeBaseBISData
- 39 - esriLicenseExtensionCodeDMTData
- 40 - esriLicenseExtensionCodeAGSData
- 43 - esriLicenseExtensionCodeDesigner
- 44 - esriLicenseExtensionCodeVector
- 45 - esriLicenseExtensionCodeDataInteroperability

IEnumesriProductCode
- 90 - esriProductCodeReader
- 91 - esriProductCodeReaderPro
- 100 - esriProductCodeViewer
- 200 - esriProductCodeEditor
- 300 - esriProductCodeProfessional
- 4 - esriProductCodeArcPress
- 5 - esriProductCodeTIFFLZW
- 6 - esriProductCodeGeoStats
- 7 - esriProductCodeMrSID
- 8 - esriProductCodeNetwork
- 9 - esriProductCodeTIN
- 10 - esriProductCodeGrid
- 12 - esriProductCodeStreetMap
- 13 - esriProductCodeCOGO
- 14 - esriProductCodeMrLE
- 15 - esriProductCodePublisher
- 16 - esriProductCodeArcEurope
- 17 - esriProductCodeAustria
- 18 - esriProductCodeBelgium
- 19 - esriProductCodeDenmark
- 20 - esriProductCodeFrance
- 21 - esriProductCodeGermany
- 22 - esriProductCodeItaly
- 23 - esriProductCodeLuxembourg
- 24 - esriProductCodeNetherlands
- 25 - esriProductCodePortugal
- 26 - esriProductCodeSpain
- 27 - esriProductCodeSweden
- 28 - esriProductCodeSwitzerland
- 29 - esriProductCodeUnitedKingdom
- 30 - esriProductCodeArcMapRoads
- 31 - esriProductCodeArcMapServer
- 32 - esriProductCodeTracking
- 33 - esriProductCodeSurvey
- 34 - esriProductCodeArcScan
- 35 - esriProductCodeBusiness
- 36 - esriProductCodeSchematics
- 37 - esriProductCodeSchematicsSDK
- 38 - esriProductCodeBaseBISData
- 39 - esriProductCodeDMTData
- 40 - esriProductCodeAGSData
- 43 - esriProductCodeDesigner
- 44 - esriProductCodeVector
- 45 - esriProductCodeDataInteroperability

IEnumesriLockMgrType
- 0 - esriLockMgrNone
- 1 - esriLockMgrRead
- 2 - esriLockMgrWrite
- 3 - esriLockMgrEdit
- 4 - esriLockMgrSchemaRead
- 5 - esriLockMgrSchemaWrite

IEnumesriDrawOp
- 0 - esriDrawPolyPolyline
- 1 - esriDrawPolyPolygon
- 2 - esriDrawPolyline
- 3 - esriDrawPolygon
- 4 - esriDrawBeginPath
- 5 - esriDrawEndPath
- 6 - esriDrawArcCW
- 7 - esriDrawArcCCW
- 8 - esriDrawPolyBezier
- 9 - esriDrawRectangle
- 10 - esriDrawCircle
- 11 - esriDrawMoveTo
- 12 - esriDrawMultipoint
- 13 - esriDrawStop
- 14 - esriDrawTrapezoids
- 15 - esriDrawPolygonNoBorder
- 16 - esriDrawPolyPolygonNoBorder

IEnumesriDrawPhase
- 1 - esriDPGeography
- 2 - esriDPAnnotation
- 4 - esriDPSelection

IEnumesriExtensionState
- 1 - esriESEnabled
- 2 - esriESDisabled
- 4 - esriESUnavailable

IEnumesriFilePermission
- 1 - esriReadOnly
- 2 - esriReadWrite

IEnumesriFractionOptionEnum
- 0 - esriSpecifyFractionDigits
- 1 - esriSpecifyFractionDenominator

IEnumesriNumericFormat
- 0 - esriAnimationDrawing
- 1 - esriAnimationPrinting
- 2 - esriAnimationOther
- 3 - esriAnimationLast

IEnumesriArcGISVersion
- 0 - esriArcGISVersion83
- 1 - esriArcGISVersion90
- 1 - esriArcGISVersionCurrent

IEnumesriByteSwapDataType
- 0 - esriBSDTchar
- 1 - esriBSDTboolean
- 2 - esriBSDTunsignedint
- 3 - esriBSDTBYTE
- 4 - esriBSDTBOOLU
- 5 - esriBSDTUSHORT
- 6 - esriBSDTSHORT
- 7 - esriBSDTULONG
- 8 - esriBSDTLONG
- 9 - esriBSDTULONGLONG
- 10 - esriBSDTLONGLONG
- 11 - esriBSDTFLOAT
- 12 - esriBSDTDOUBLE
- 13 - esriBSDTGUID
- 14 - esriBSDTWCHAR

IEnumesriClassAppearance
- 0 - esriClaseAppearanceUnchanged
- 1 - esriClaseAppearanceUpper
- 2 - esriClaseAppearanceLower

IEnumesriDirectionUnits
- 9101 - esriDURadians
- 2 - esriDUDecimalDegrees
- 3 - esriDUDegreesMinutesSeconds
- 9105 - esriDUGradians
- 9106 - esriDUGons

IEnumesriDirectionType
- 1 - esriDTNorthAzimuth
- 2 - esriDTSouthAzimuth
- 3 - esriDTPolar
- 4 - esriDTQuadrantBearing

IEnumesriFormatFractionOptionEnum
- 0 - esriFractionDigits
- 1 - esriFractionDenominator

IEnumesriFormatNumberOptionEnum
- 0 - esriNumberDigits
- 1 - esriNumberDecimalPlaces

IEnumesriFormatRoundingOptionEnum
- 0 - esriRoundNumberOfDecimals
- 1 - esriRoundNumberOfSignificantDigits

IEnumesriFormatSignOptionEnum
- 0 - esriSignNone
- 1 - esriSignLeftSymbol
- 2 - esriSignRightSymbol
- 3 - esriSignParentheses

IEnumesriFormatTrailingZeroOptionEnum
- 0 - esriTrailingZeroKeepAll
- 1 - esriTrailingZeroDelete

IEnumesriFormatUseSeparatorOptionEnum
- 0 - esriUseSeparator
- 1 - esriNoSeparator

IEnumesriLicenseProductCode
- 10 - esriLicenseProductCodeEngine
- 20 - esriLicenseProductCodeEngineGeoDB
- 30 - esriLicenseProductCodeArcServer
- 40 - esriLicenseProductCodeArcView
- 50 - esriLicenseProductCodeEditor
- 60 - esriLicenseProductCodeArcInfo

IEnumesriRateType
- 0 - esriRTRateConstant
- 1 - esriRTRateFromFeature

IEnumesriUnitSystem
- 1 - esriUSImperial
- 2 - esriUSMetric

IEnumesriUnitType
- 1 - esriUTLength
- 2 - esriUTArea
- 3 - esriUTVolume

Enumerations