

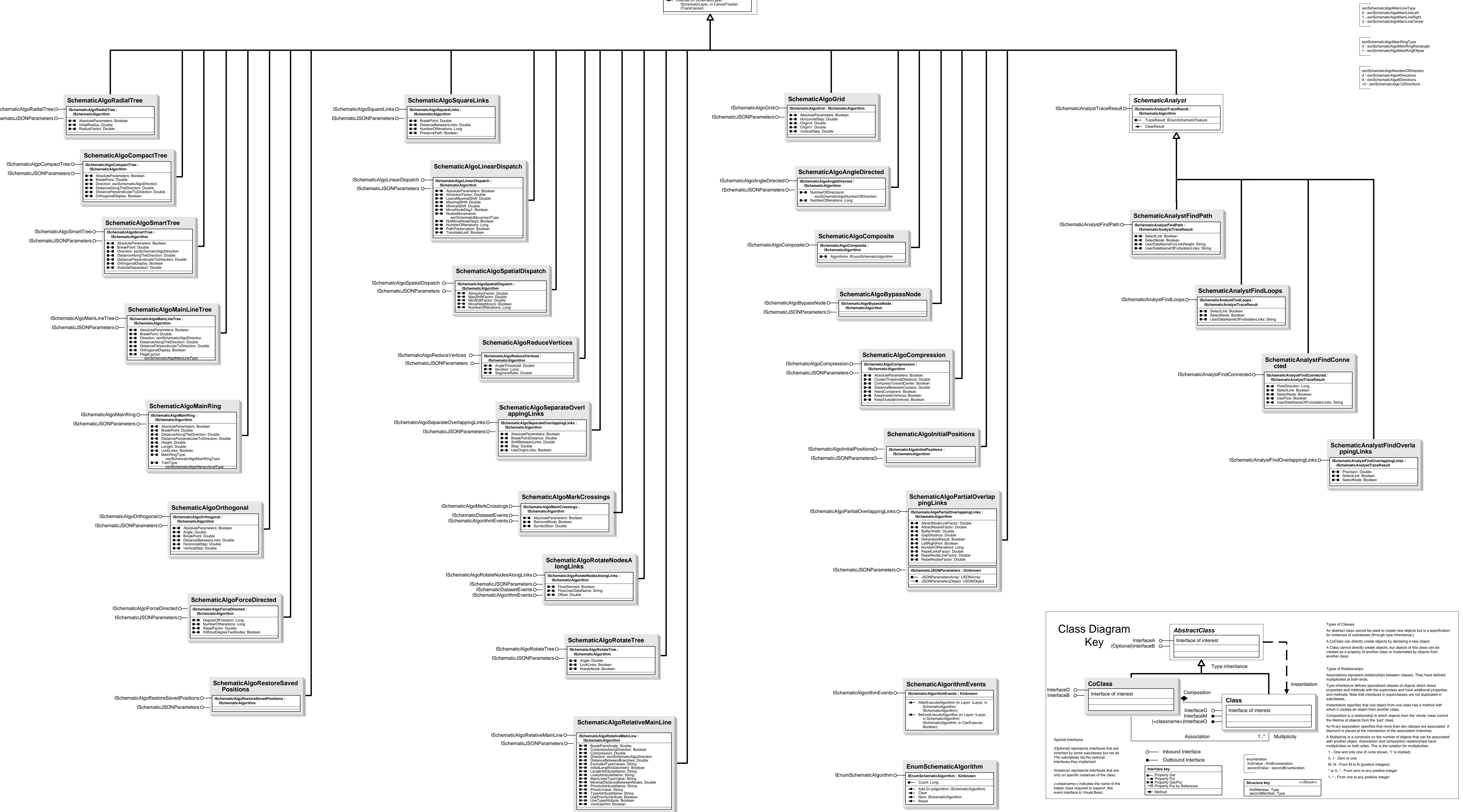


# Schematic Object Model

## Algorithm Objects

ArcGIS™ 10.1

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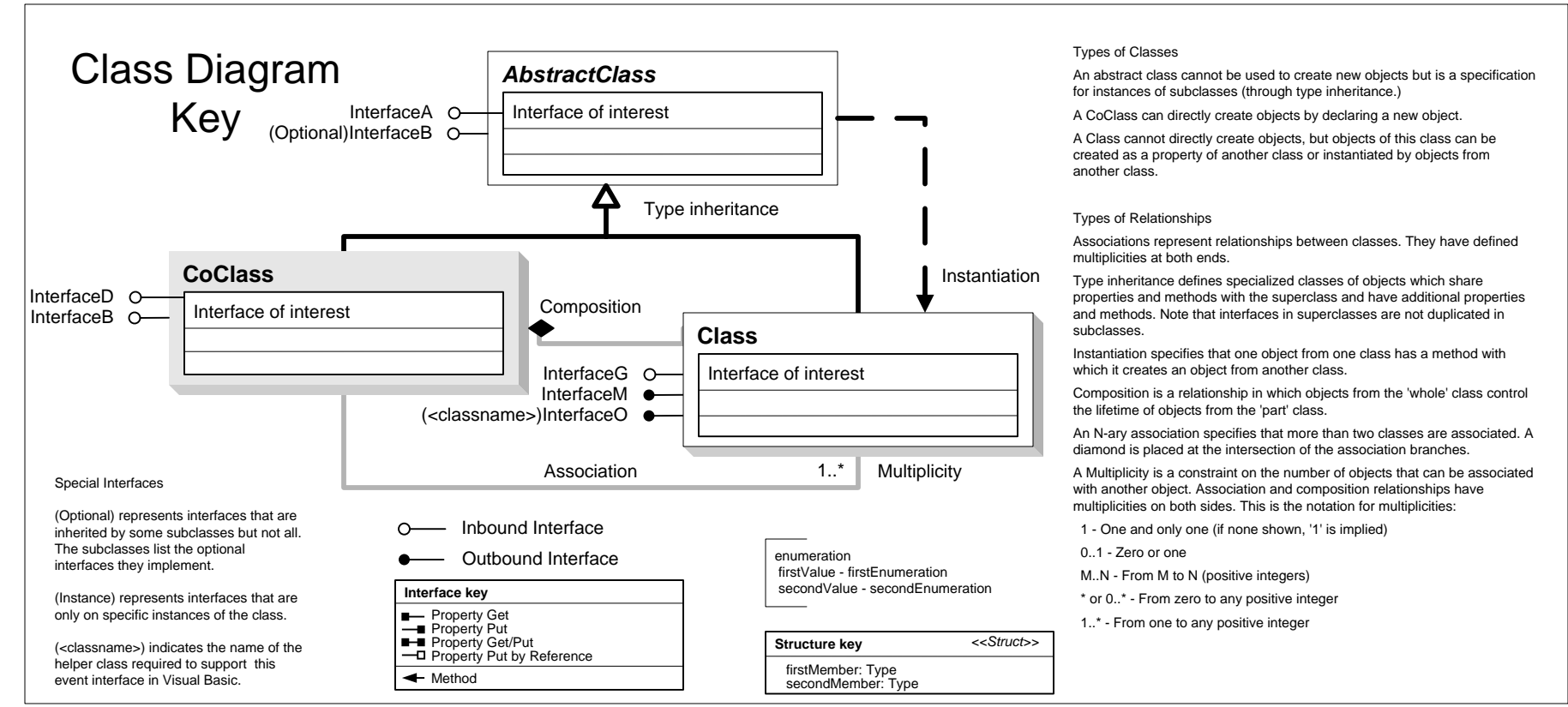
esriSchematicAlgoDirection
0 - esriSchematicAlgoRightLeft
1 - esriSchematicAlgoTopDown
2 - esriSchematicAlgoesRight
3 - esriSchematicAlgoBottomUp

esriSchematicAlgoHierarchicalType
0 - esriSchematicAlgoMainLine
1 - esriSchematicAlgoGridMainLine
2 - esriSchematicAlgoMainLine
3 - esriSchematicAlgoCompactTree
4 - esriSchematicAlgoSmartTree

esriSchematicAlgoMainLineType
0 - esriSchematicAlgoMainLineLeft
1 - esriSchematicAlgoMainLineRight
2 - esriSchematicAlgoMainRingCenter

esriSchematicAlgoMainRingType
0 - esriSchematicAlgoMainRingRectangle
1 - esriSchematicAlgoMainRingEllipse

esriSchematicAlgoNumberOfDirections
4 - esriSchematicAlgoDirections
8 - esriSchematicAlgoDirections
12 - esriSchematicAlgo12Directions
    
```

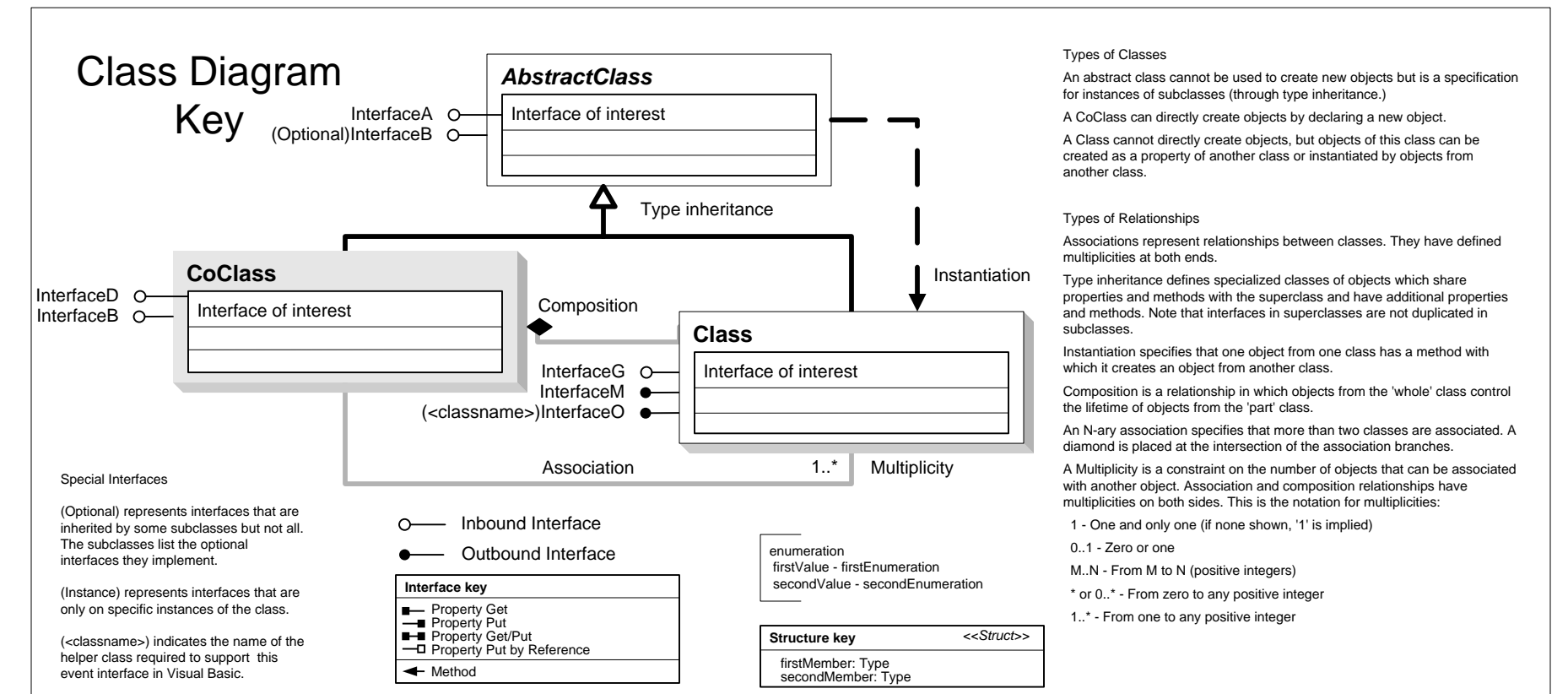
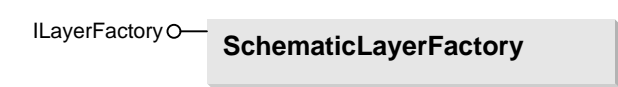
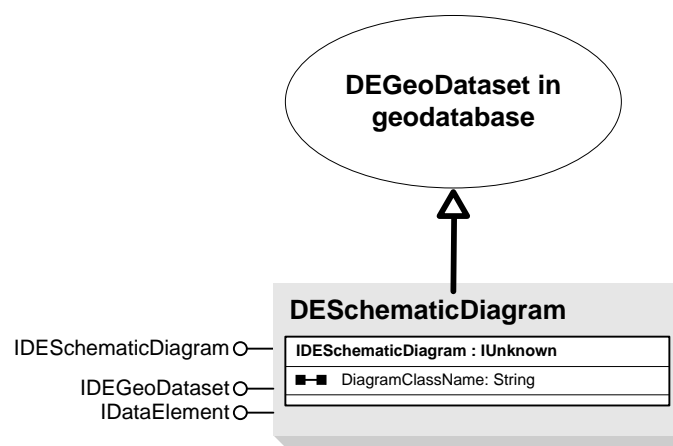
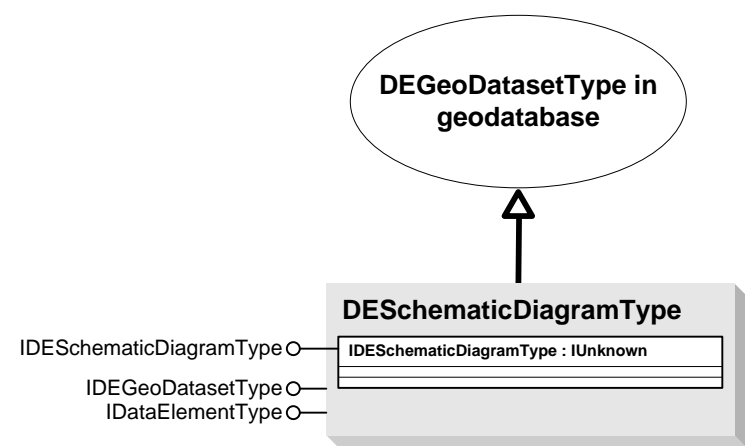
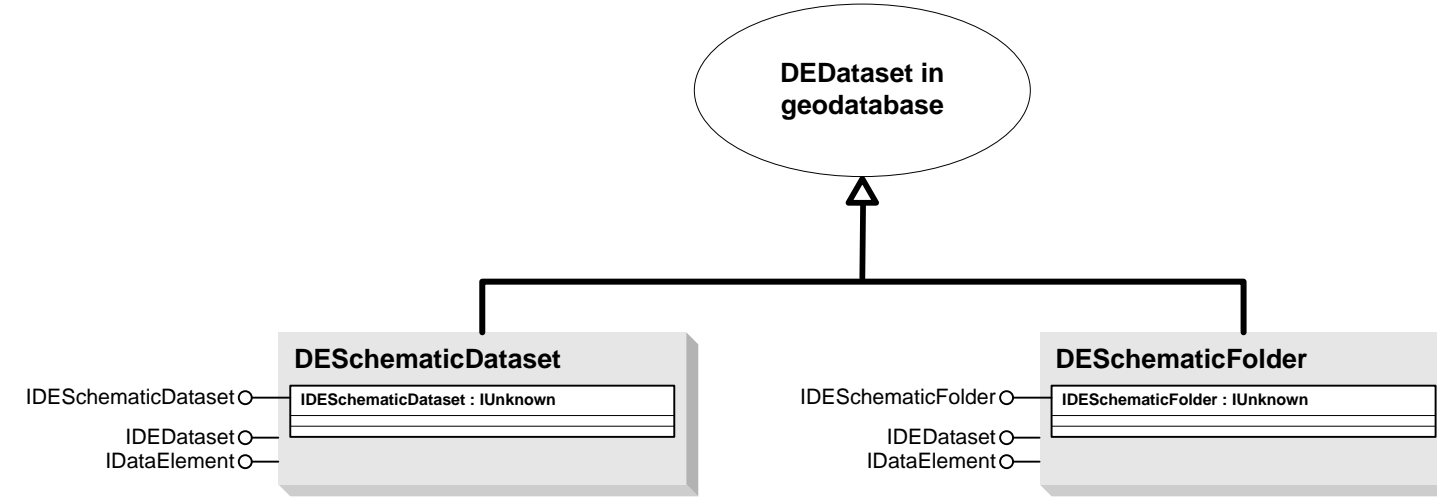
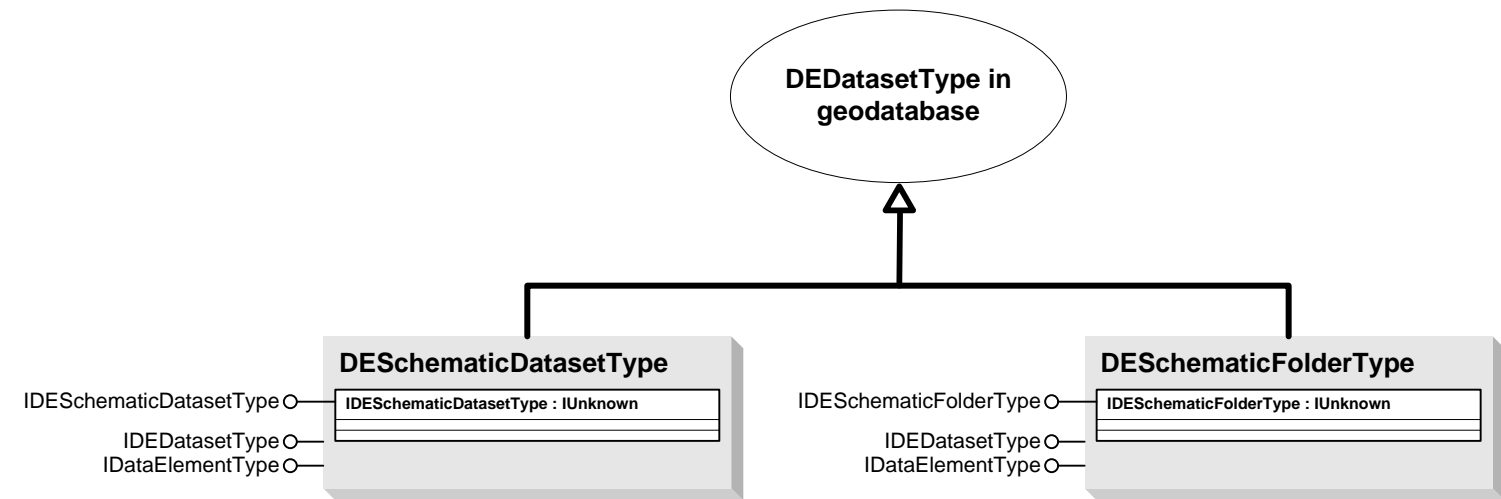


# Schematic Object Model

## Miscellaneous Objects

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```

esriSchematicErrors
247218943 - SCHEMATIC_E_NO_BUILDER
247218942 - SCHEMATIC_E_NEED_SDE_USER
247218941 - SCHEMATIC_E_CANT_CREATE_SYSTEM_TABLES
247218940 - SCHEMATIC_E_USER_NOACCESS
247218939 - SCHEMATIC_E_CANT_CREATE_DATASET_TABLES
247218938 - SCHEMATIC_E_CANT_CREATE_ELEMENT_CLASS
247218937 - SCHEMATIC_E_CANT_OPEN_DATASOURCE
247218936 - SCHEMATIC_E_CANT_OPEN_QUERY
247218935 - SCHEMATIC_E_CANT_INIT_QUERY
247218934 - SCHEMATIC_E_FOLDER_ALREADY_EXISTS
247218933 - SCHEMATIC_E_DIAGRAM_ALREADY_EXISTS
247218932 - SCHEMATIC_E_DIAGRAM_CANT_BE_COPIED
247218931 - SCHEMATIC_E_FOLDER_CANT_BE_COPIED
247218930 - SCHEMATIC_E_FOLDER_PARENT
247218929 - SCHEMATIC_E_MUST_BE_OWNER
247218928 - SCHEMATIC_E_MUST_BE_SAME_DATABASE
247218927 - SCHEMATIC_E_NO_ELEMENT_CLASS
247218926 - SCHEMATIC_E_NO_INITIAL_OBJECTS
247218925 - SCHEMATIC_E_NO_RESULT_FOUND
247218924 - SCHEMATIC_E_INPUT_DATA_NOT_SUPPORTED
247218923 - SCHEMATIC_E_INVALID_DIAGRAM_NAME
247218922 - SCHEMATIC_E_DATASOURCE_ALREADY_EXISTS
247218921 - SCHEMATIC_E_ELEMENT_CLASS_ALREADY_EXISTS
247218920 - SCHEMATIC_E_DIAGRAM_CLASS_ALREADY_EXISTS
247218919 - SCHEMATIC_E_DIAGRAM_ENTRY_ALREADY_EXISTS
247218918 - SCHEMATIC_E_ATTRIBUTE_CANT_BE_DELETED
247218917 - SCHEMATIC_E_ATTRIBUTE_RECURSIVE_DEFINITION
247218916 - SCHEMATIC_E_ATTRIBUTE_ALREADY_EXISTS
247218915 - SCHEMATIC_E_OBJECT_CLASS_PARENT
247218914 - SCHEMATIC_E_OBJECT_IS_DELETED
247218913 - SCHEMATIC_E_ATTRIBUTE_INCONSISTENT_DEFINITION
247218912 - SCHEMATIC_E_DIAGRAM_IS_ALREADY_IN_EDIT_MODE
247218911 - SCHEMATIC_E_DIAGRAM_IS_LOCKED
247218910 - SCHEMATIC_E_DIAGRAM_IS_BEING_EDITED
247218909 - SCHEMATIC_E_NOT_SUPPORTED_ON_THIS_VERSION
247218908 - SCHEMATIC_E_ATTRIBUTE_NOT_ALLOWED
247218907 - SCHEMATIC_E_ALGORITHM_OPTION_REQUIRES_ONE_SELECTED_LINK_ONLY
247218906 - SCHEMATIC_E_ALGORITHM_PARAMETER_LESS_THAN_RESOLUTION
247218905 - SCHEMATIC_E_DIAGRAM_CANT_BE_LOADED
247218904 - SCHEMATIC_E_FIELD_CANT_BE_ADDED
    
```

```

esriSchematicStandardBuilderUpdateType
0 - esriSchematicUpdateFromDefault
1 - esriSchematicUpdateFromTracing
2 - esriSchematicUpdateFromInitial
3 - esriSchematicUpdateFromCurrent
4 - esriSchematicUpdateFromInitialProcessing
    
```

```

esriSchematicEndPointType
1 - esriSchematicOriginNode
2 - esriSchematicEndpointNode
3 - esriSchematicOriginOrExtremityNode
    
```

```

esriSchematicConnectionState
0 - esriConnectorStateOpen
1 - esriConnectorStateInvalid
2 - esriConnectorStateUnknown
    
```

```

esriSchematicAttributeStorageMode
0 - esriSchematicAttributeNoStorage
1 - esriSchematicAttributeStorage
2 - esriSchematicAttributePropertySetStorage
    
```

```

esriSchematicReductionPriority
1 - esriSchematicNearestNodePriority
2 - esriSchematicElementClassPriority
    
```

```

esriSchematicAttributeGeometryType
0 - esriSchematicAttributeGeometryCoordinate
1 - esriSchematicAttributeGeometryCoordinate
2 - esriSchematicAttributeGeometryVerticesCoordinates
    
```

```

esriSchematicStandardBuilderUpdateMode
0 - esriSchematicAppendMode
1 - esriSchematicAppendMode
    
```

```

esriSchematicContainerMarginUnit
0 - esriSchematicMarginPixels
1 - esriSchematicMarginGeographicCoordinates
2 - esriSchematicMarginBoundingBoxPercentage
    
```

```

esriSchematicSpatialQueryRuleSearchMethod
0 - esriSchematicSearchIntersect
1 - esriSchematicSearchWithinADistance
2 - esriSchematicSearchComplexityContains
3 - esriSchematicSearchComplexityWithin
4 - esriSchematicSearchByTheCenterOf
5 - esriSchematicSearchShareLineSegmentWith
6 - esriSchematicSearchBoundaryTouches
7 - esriSchematicSearchIdenticalTo
8 - esriSchematicSearchCrossedByTheOutlineOf
9 - esriSchematicSearchContains
10 - esriSchematicSearchContainsBy
11 - esriSchematicSearchNotTouchOrOverlap
    
```

```

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

```

esriSchematicAttributeEvaluatorMode
0 - esriSchematicAttributeThruPyEvaluation
1 - esriSchematicAttributeLoadEvaluation
2 - esriSchematicAttributeLoadEvaluation
3 - esriSchematicAttributeEvaluation
    
```

```

esriSchematicMovementType
2 - esriSchematicEqualDistance
2 - esriSchematicUserDefinedDistance
3 - esriSchematicUnequalDistance
    
```

