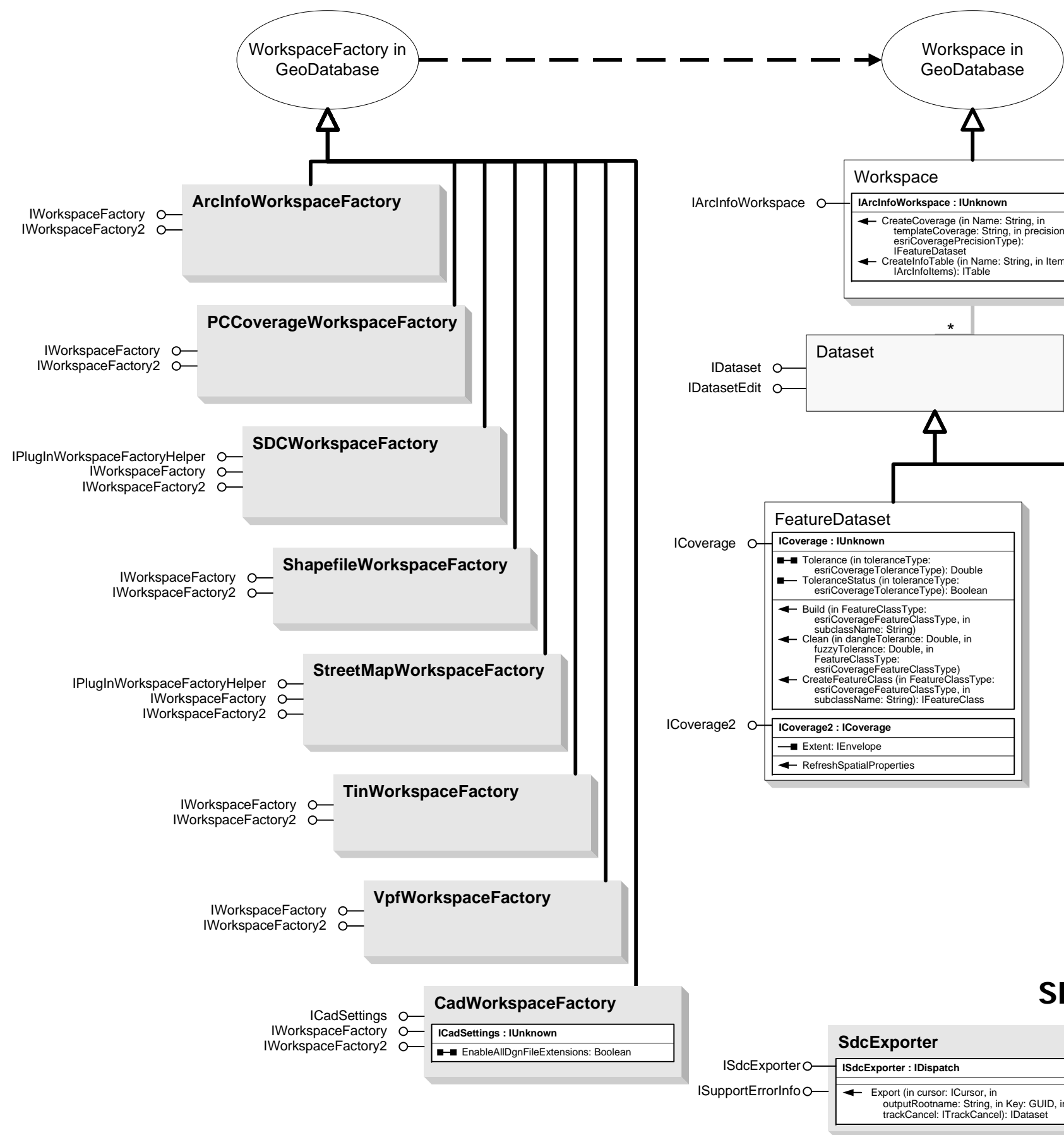


DataSourcesFile Object Model

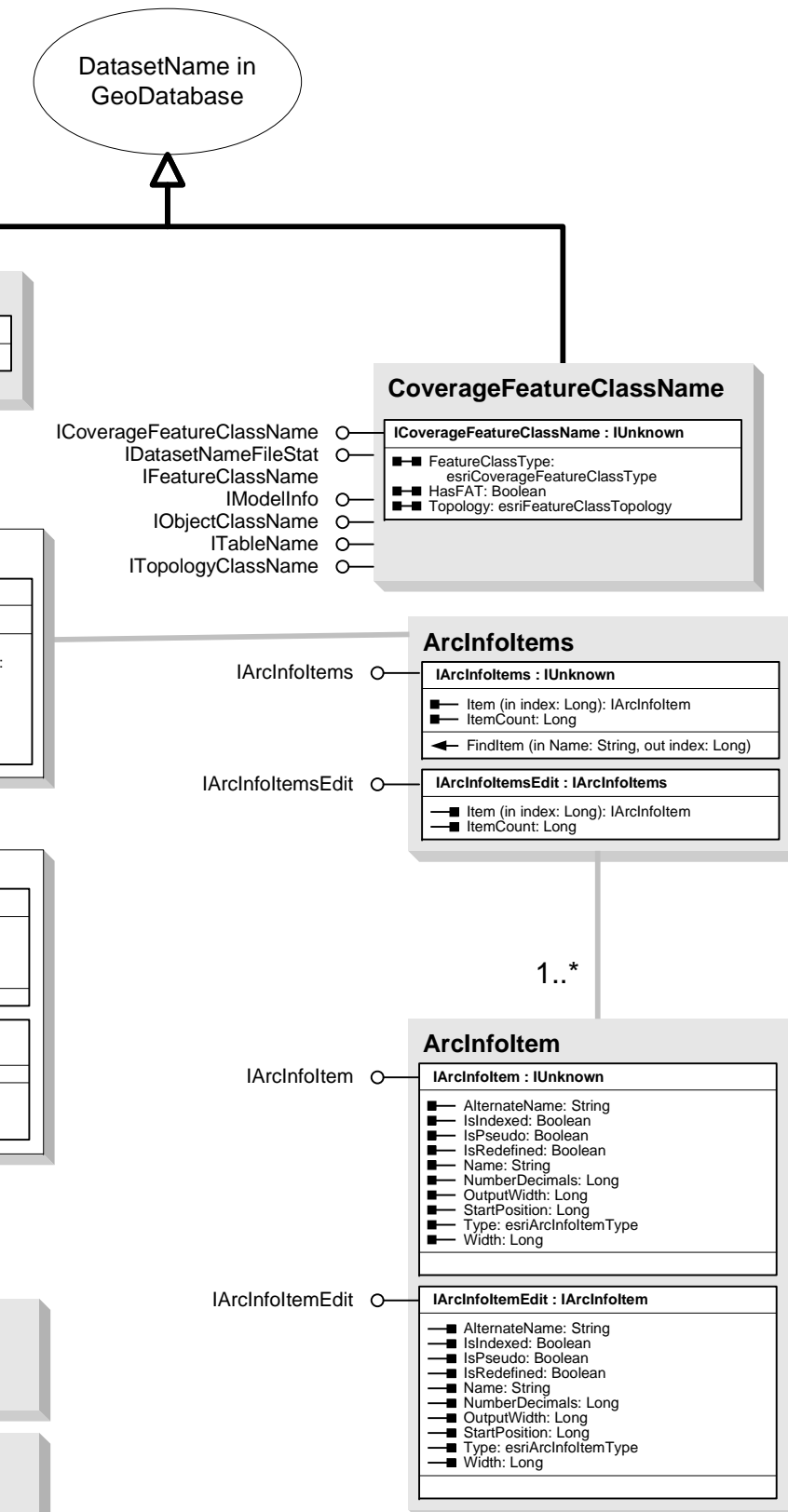
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Coverage Object Model

SDC Object Model



Interfaces

ICadSettings : IUnknown
EnableAllDgnFileExtensions: Boolean
IArcInfoWorkspaceUtil : IUnknown
GetInfoTableName (in prefix: String): String

Enumerations

esriArcInfoItem Type
1 - esriItemDate
2 - esriItemCharacter
3 - esriItemInteger
4 - esriItemNumber
5 - esriItemBinary
6 - esriItemFloat
7 - esriItemLeadFill
8 - esriItemPacked
9 - esriItemZeroFill
10 - esriItemOverpunch
11 - esriItemTrailingSign
12 - esriItemOID
13 - esriItemGeometry
14 - esriItemBlob

esriCoveragePrecisionType
1 - esriCoveragePrecisionSingle
2 - esriCoveragePrecisionDouble

esriCoverageFeatureClassType
1 - esriCFCTPoint
2 - esriCFCTArc
3 - esriCFCTPolygon
4 - esriCFCTNode
5 - esriCFCTC
6 - esriCFCTAnnotation
7 - esriCFCTSection
8 - esriCFCTRoute
9 - esriCFCTLink
11 - esriCFCTRegion
51 - esriCFCTLabel
666 - esriCFCTFile

esriCoverageType
0 - esriEmptyCoverage
1 - esriAnnotationCoverage
2 - esriPointCoverage
3 - esriLineCoverage
4 - esriPolygonCoverage
5 - esriPreliminaryPolygonCoverage

esriCoverageToleranceType
1 - esriCTTFuzzy
2 - esriCTTGeneralize
3 - esriCTTNodeMatch
4 - esriCTTDangle
5 - esriCTTMatch
6 - esriCTTEdit
7 - esriCTTNodeSnap
8 - esriCTTWeed
9 - esriCTTGrain
10 - esriCTTSnap

esriFeatureClassTopology
0 - esriFCTNotApplicable
1 - esriFCTPreliminary
2 - esriFCTExists
3 - esriFCTUnknown

Interfaces

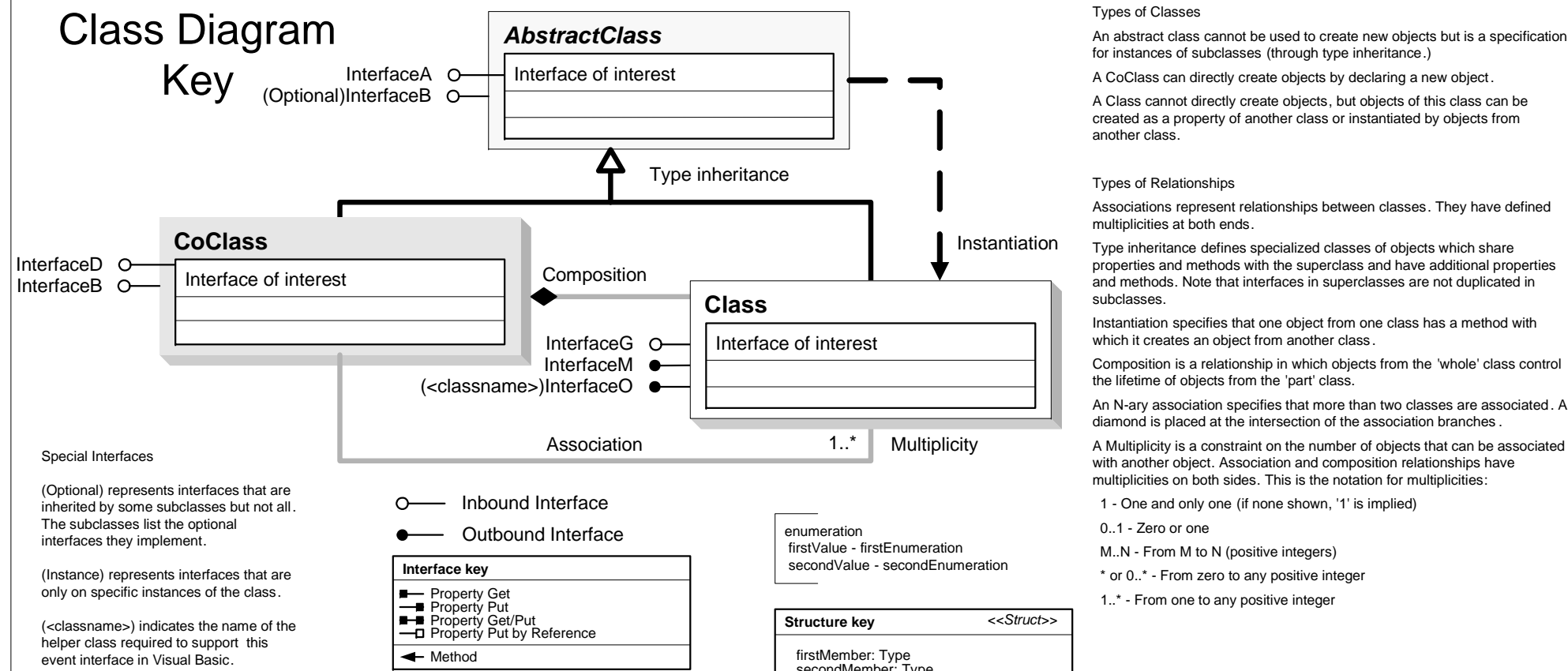
ICadTransformations : IUnknown
EnableTransformations: Boolean
TransformMode: esriCadTransform
WorldFileName: String
GetFromToTransform (out fromPoint1: WKSPoint, out fromPoint2: WKSPoint, out toPoint1: WKSPoint, out toPoint2: WKSPoint)
GetTransformation (out from: WKSPoint, out to: WKSPoint, out angle: Double, out scale: Double)
SetFromToTransform (in fromPoint1: WKSPoint, in fromPoint2: WKSPoint, in toPoint1: WKSPoint, in toPoint2: WKSPoint)
SetTransformation (in from: WKSPoint, in to: WKSPoint, in angle: Double, in scale: Double)

ICadDrawingLayers : IUnknown
DrawingLayerCount: Long
DrawingLayerName (in index: Long): String
DrawingLayerVisible (in index: Long): Boolean
OriginalDrawingLayerVisible (in index: Long): Boolean

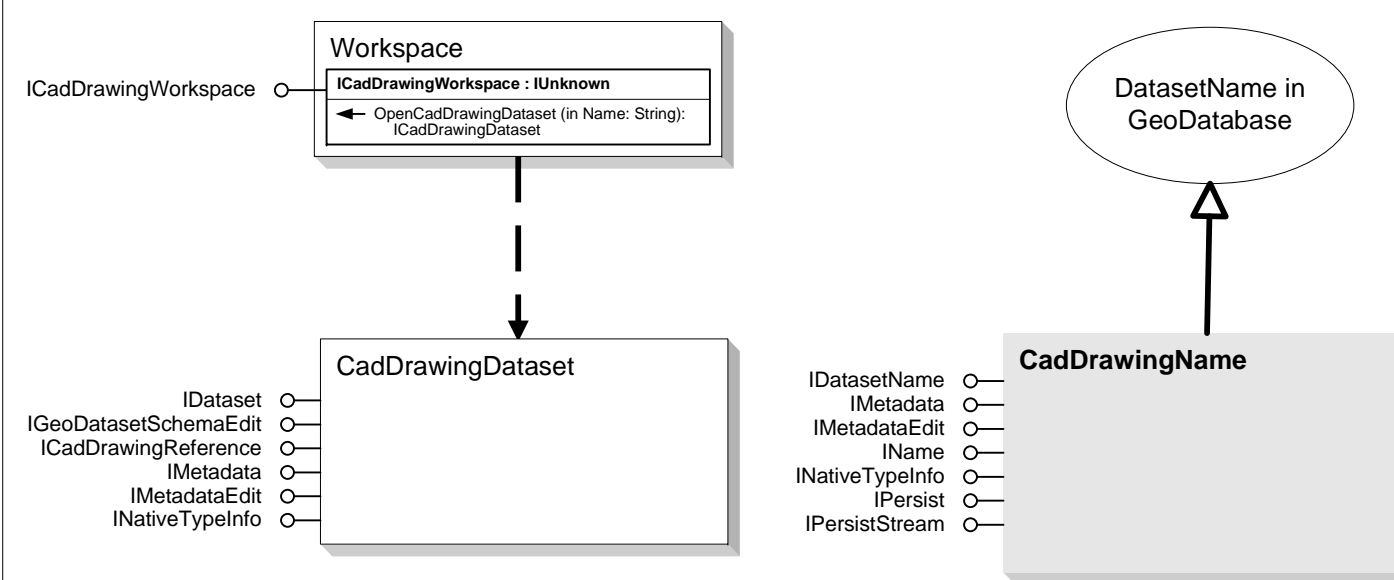
Enumerations

esriCadTransform
0 - esriCadTransformByWorldFile
1 - esriCadTransformByPoints
2 - esriCadTransformByRst

Class Diagram



CAD Object Model

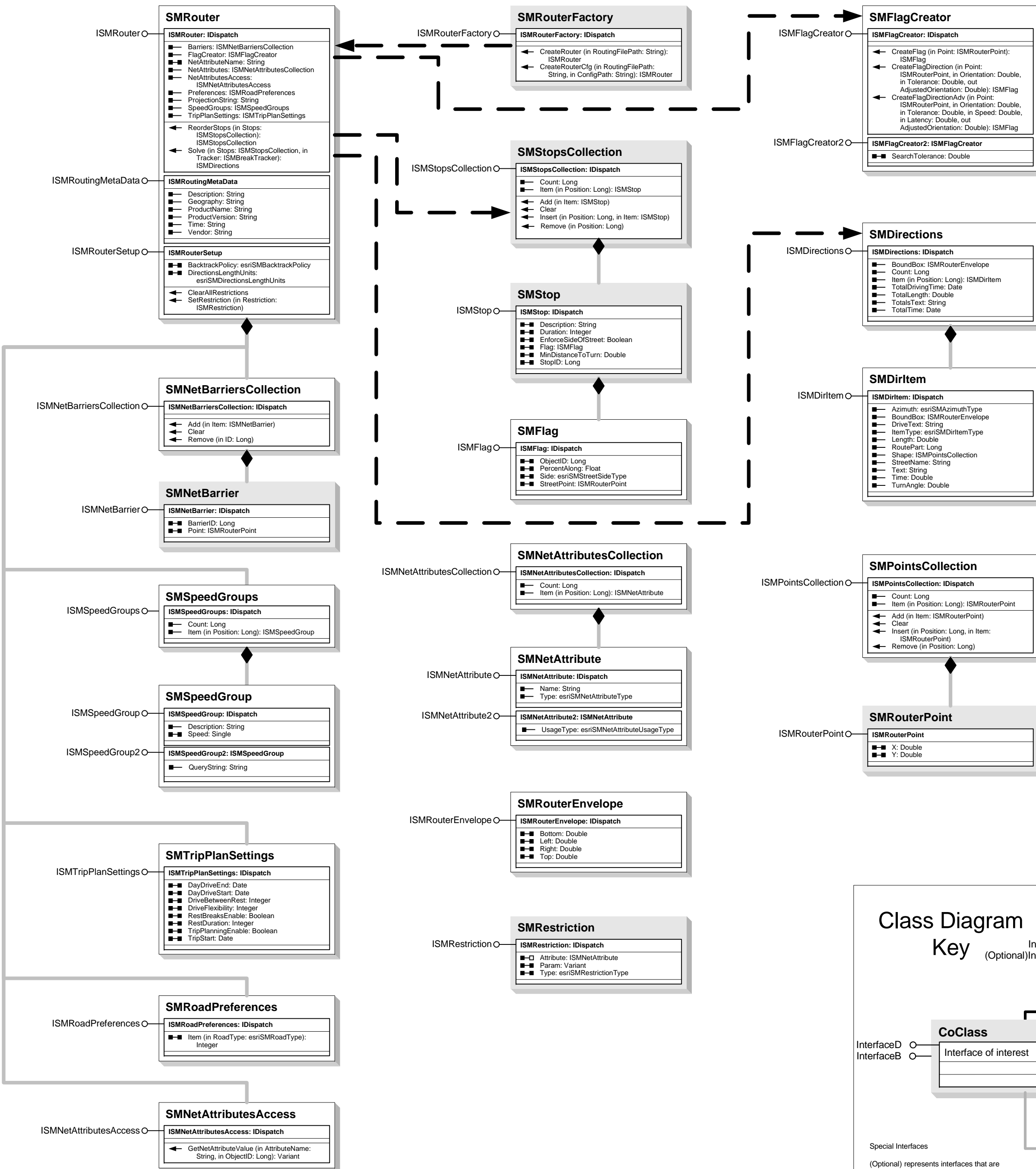


DataSourcesFile Object Model

StreetMap

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Enumerations

esrISMazimuthType
 1 - esrISMazimuthN
 2 - esrISMazimuthNE
 3 - esrISMazimuthE
 4 - esrISMazimuthSE
 5 - esrISMazimuthS
 6 - esrISMazimuthSW
 7 - esrISMazimuthW
 8 - esrISMazimuthNW
 9 - esrISMazimuthUnknown

esrSMNetAttributeType
 1 - esrSMNetAttrInteger
 2 - esrSMNetAttrFloat
 3 - esrSMNetAttrDouble
 4 - esrSMNetAttrBoolean
 5 - esrSMNetAttrString
 6 - esrSMNetAttrShape

esrSMBacktrackPolicy
 1 - esrSMBTPDisable
 2 - esrSMBTPAllow
 3 - esrSMBTPDeadend

esrSMNetAttributeUsageType
 1 - esrSMNAUTCost
 2 - esrSMNAUTDescription
 3 - esrSMNAUTRestrictionBoolean
 4 - esrSMNAUTRestrictionMinAllowed
 5 - esrSMNAUTRestrictionMaxAllowed

esrISMDirectionsLengthUnits
 1 - esrISMDLUMiles
 2 - esrISMDLUKilometers
 3 - esrISMDLUMeters
 4 - esrISMDLUFoot
 5 - esrISMDLUYards

esrSMRestrictionType
 1 - esrSMRSTrict
 2 - esrSMRTRelaxed

esrISMDirItemType
 1 - esrISMDirItemNewRoad
 2 - esrISMDirItemBypass
 3 - esrISMDirItemBorder
 4 - esrISMDirItemEndOfDay
 5 - esrISMDirItemDayNumber
 6 - esrISMDirItemRestBreak
 7 - esrISMDirItemDepart
 8 - esrISMDirItemArrive

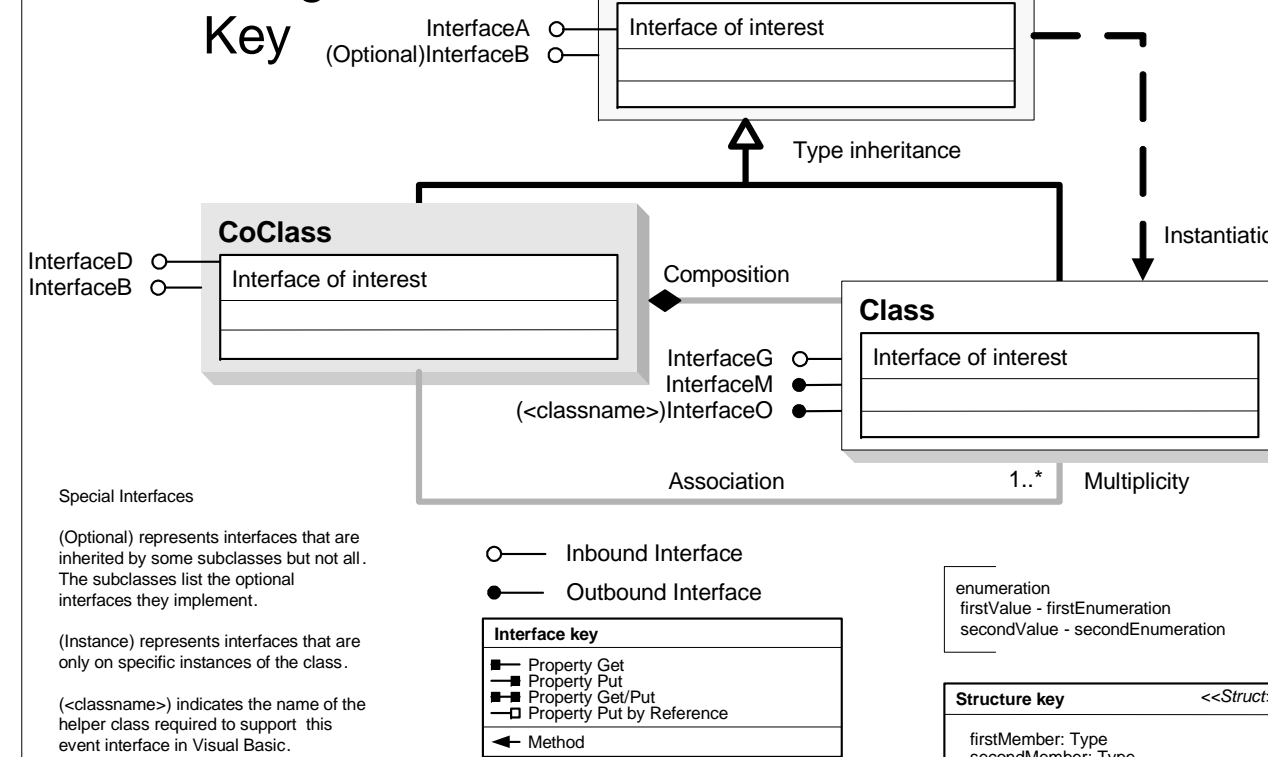
esrSMRoadType
 1 - esrSMRoadTypeHighways
 2 - esrSMRoadTypeFerries

esrISMStreetSideType
 1 - esrISMStreetSideLeft
 2 - esrISMStreetSideRight
 3 - esrISMStreetSideUndefined

Interfaces

ISMBreakTracker: IDispatch
 Continue: Boolean

Class Diagram



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