Geodatabase Object Model
Datastore
Esri® ArcGIS® Pro SDK 3.6

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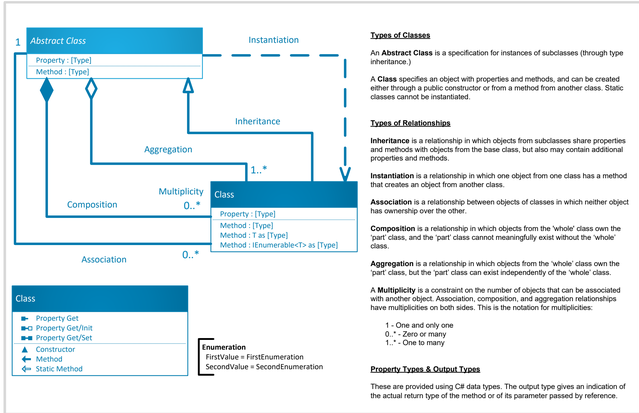

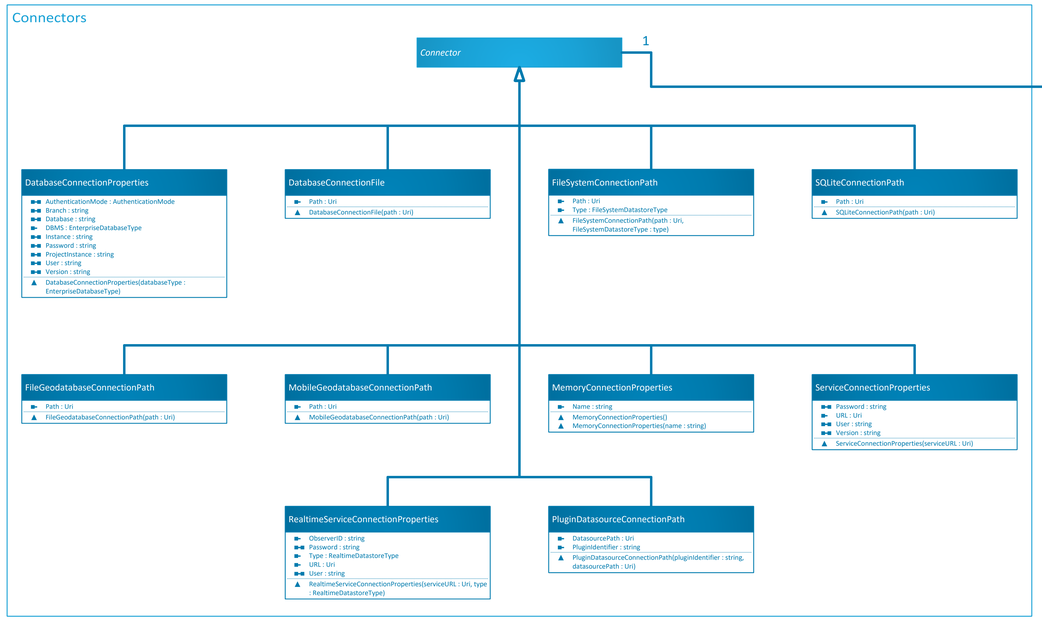

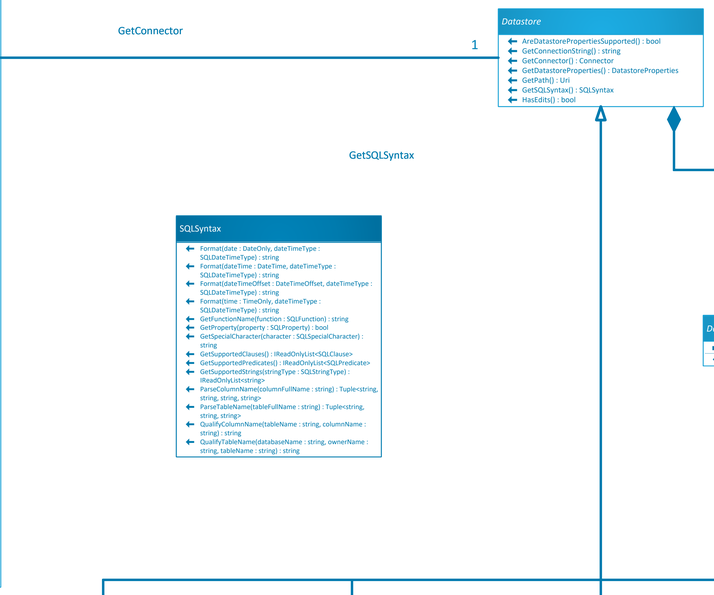

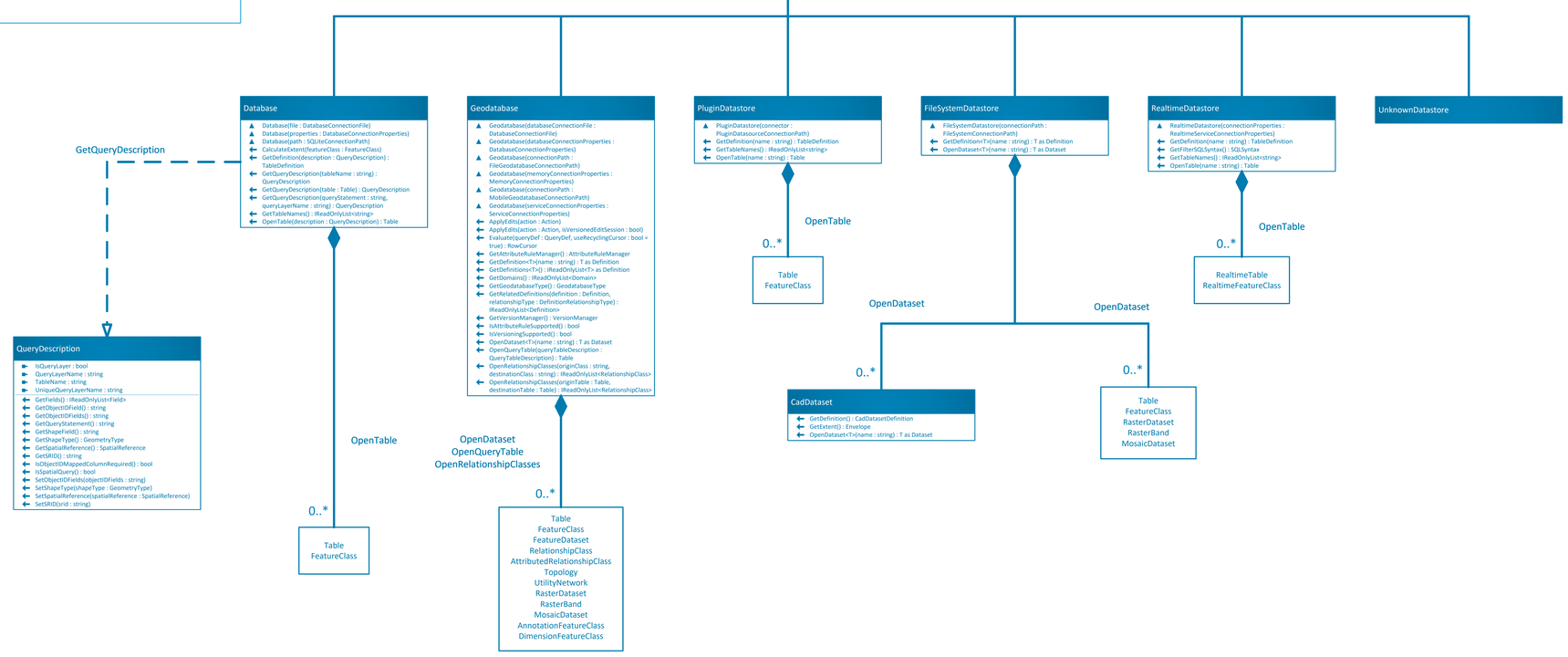

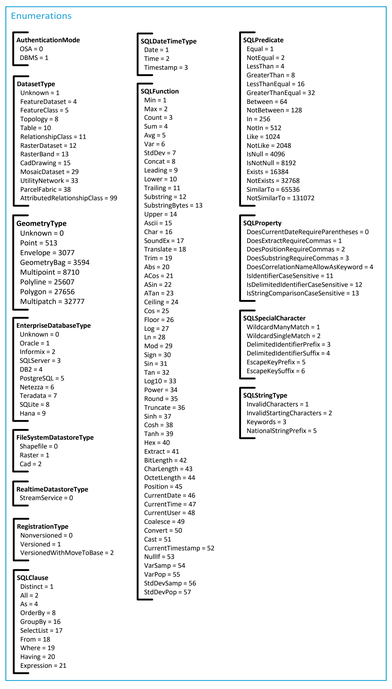

Geodatabase Object Model Definition

Esri® ArcGIS® Pro SDK 3.6

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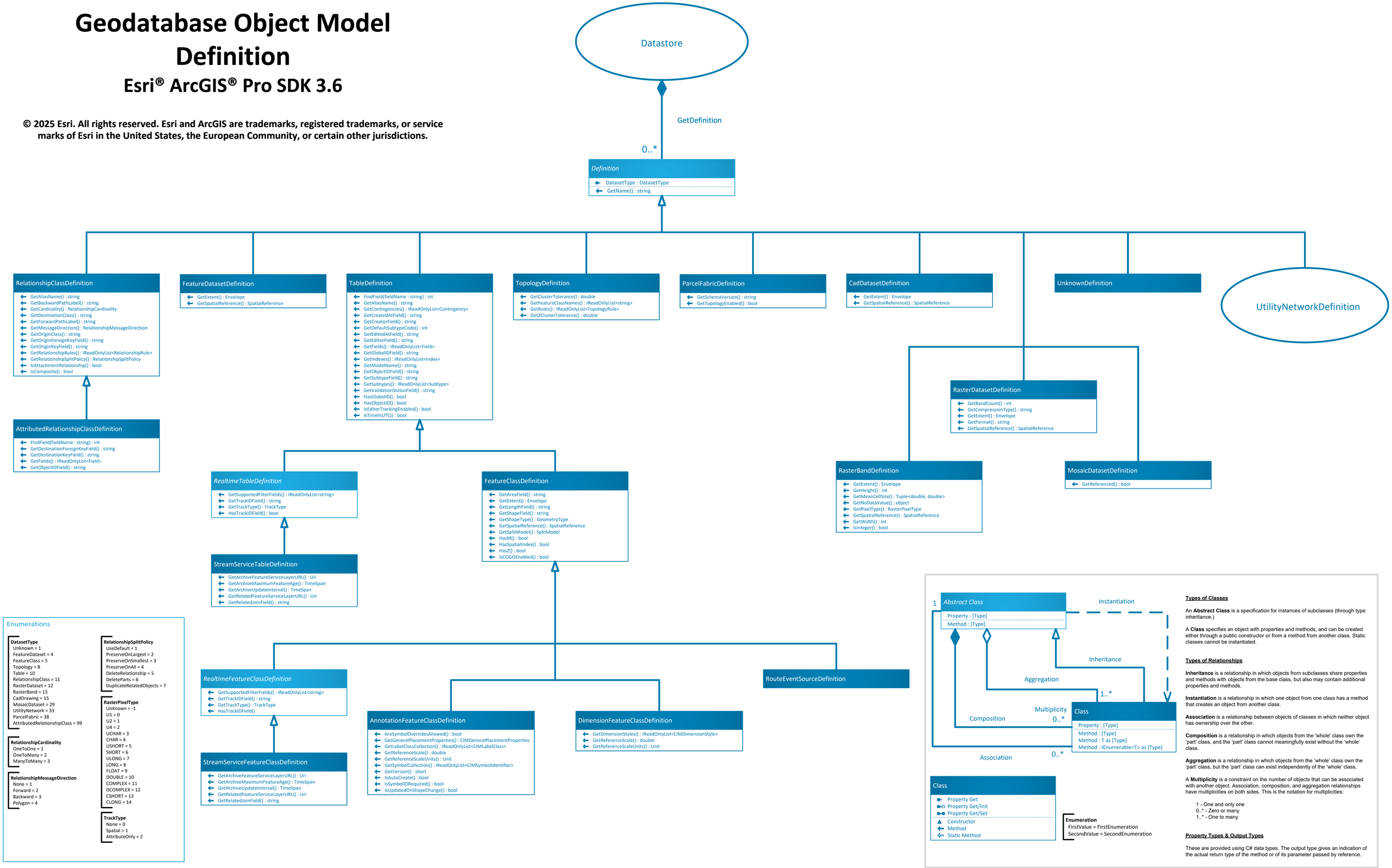

Geodatabase Object Model
Geodatabase
Esri® ArcGIS® Pro SDK 3.6

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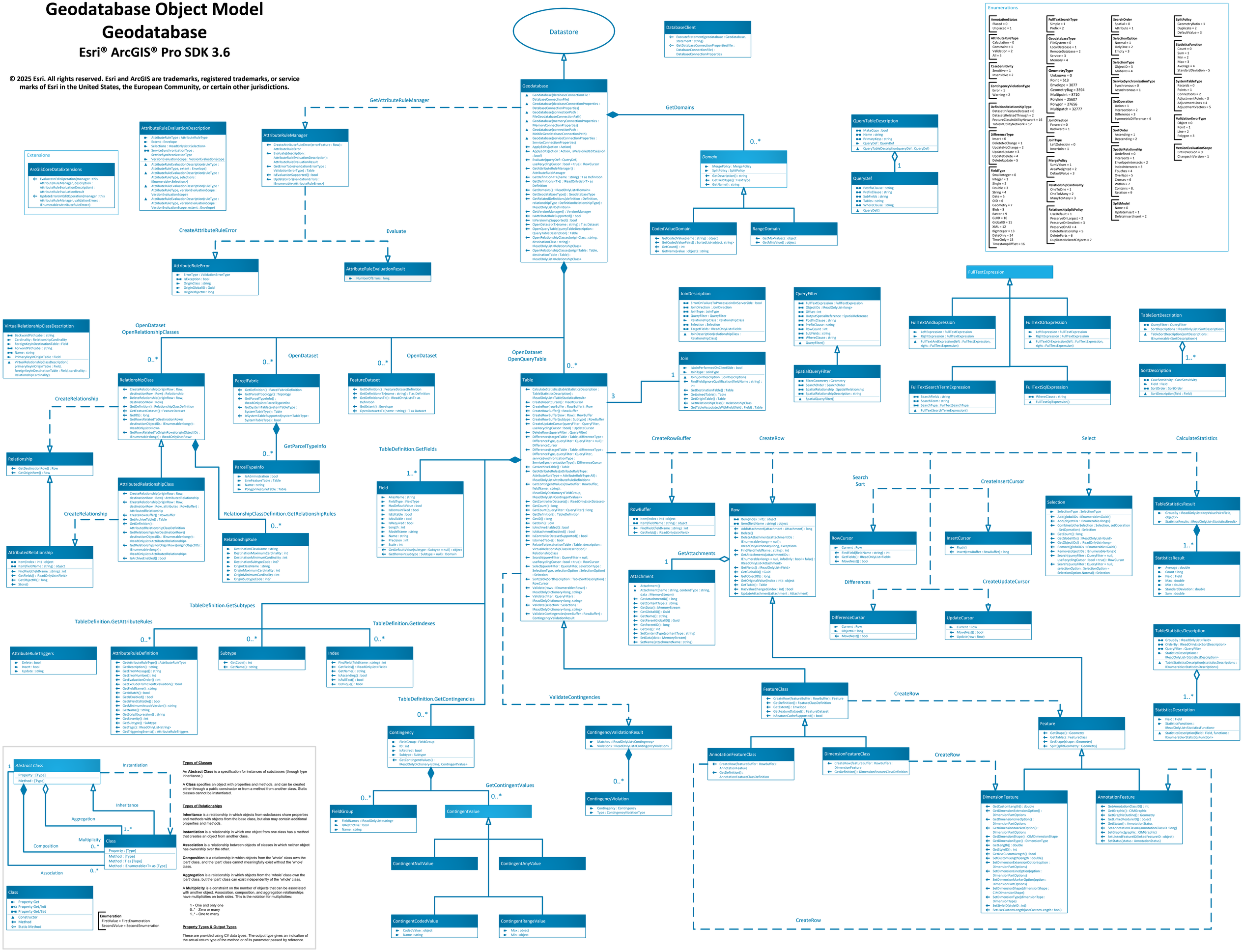

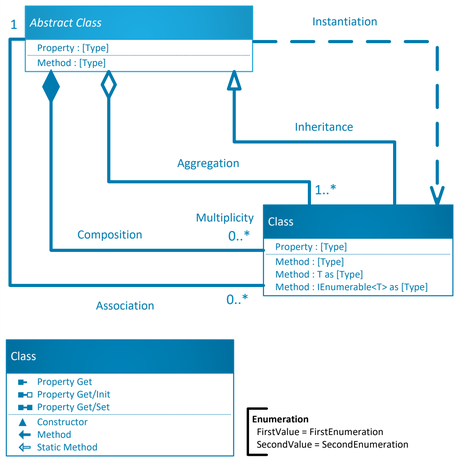

Types of Classes

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Geodatabase Object Model
Versioning
Esri® ArcGIS® Pro SDK 3.6

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Enumerations

ConflictDetectionType
ByRow = 0
ByColumn = 1

ConflictResolutionMethod
Abort = 0
Continue = 1

ConflictResolutionType
FavorTargetVersion = 0
FavorEditVersion = 1

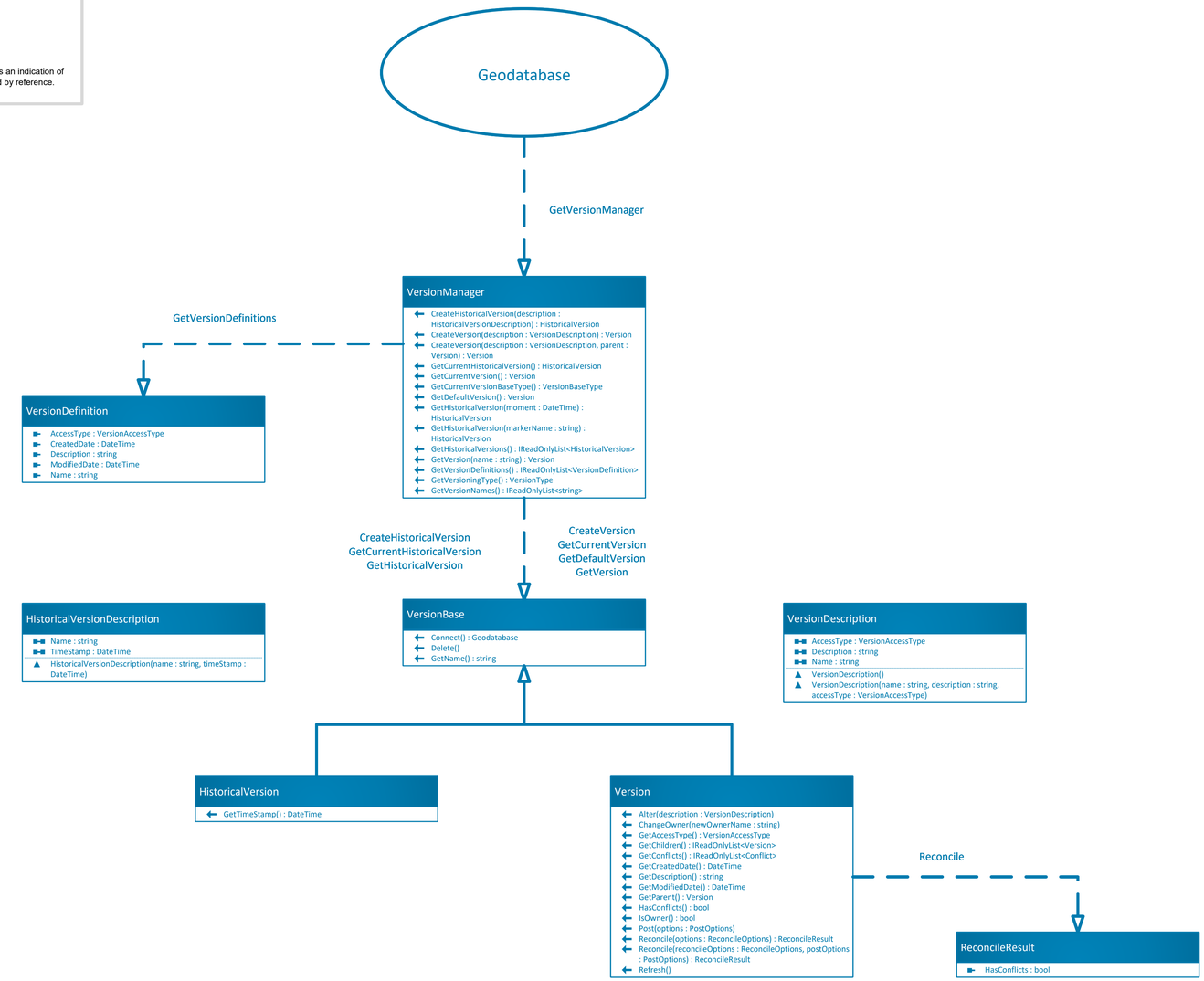
ConflictType
UpdateUpdate = 3
UpdateDelete = 4
DeleteUpdate = 5

ServiceSynchronizationType
Synchronous = 0
Asynchronous = 1

VersionAccessType
Private = 0
Public = 1
Protected = 2

VersionBaseType
Version = 0
HistoricalVersion = 1

VersionType
Traditional = 0
Branch = 1



ReconcileOptions

- ConflictDetectionType : ConflictDetectionType
- ConflictResolutionMethod : ConflictResolutionMethod
- ConflictResolutionType : ConflictResolutionType
- ServiceSynchronizationType : ServiceSynchronizationType
- TargetVersion : Version

- ReconcileOptions()
- ReconcileOptions(targetVersion : Version)

PostOptions

- PartialPostSelections : List<Selection>
- ServiceSynchronizationType : ServiceSynchronizationType
- TargetVersion : Version

- PostOptions()
- PostOptions(targetVersion : Version)

Conflict

- AncestorVersionValues : IReadOnlyList<FieldValue>
- ChildVersionValues : IReadOnlyList<FieldValue>
- ConflictType : ConflictType
- DatasetName : string
- ObjectID : long
- ParentVersionValues : IReadOnlyList<FieldValue>

Geodatabase Object Model
DDL
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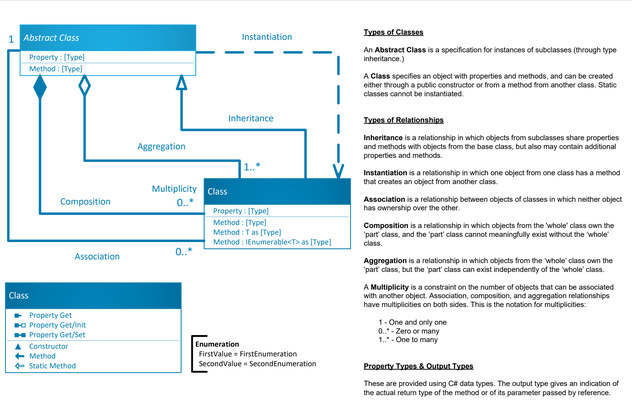

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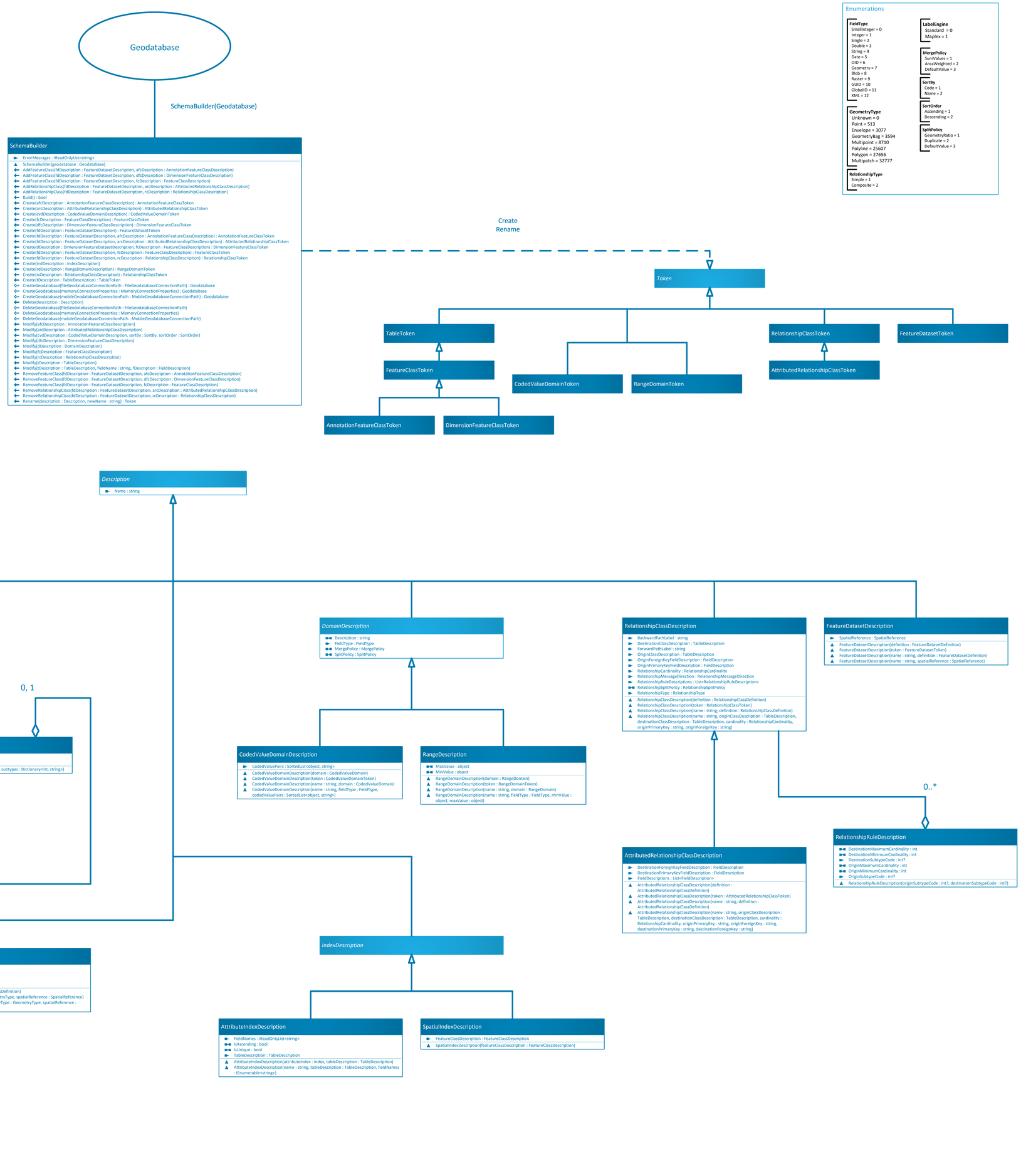

Geodatabase Object Model
Topology
Esri® ArcGIS® Pro SDK 3.6

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Enumerations

ErrorType
- ErrorOnly = 0
- ExceptionOnly = 1
- ErrorAndException = 2

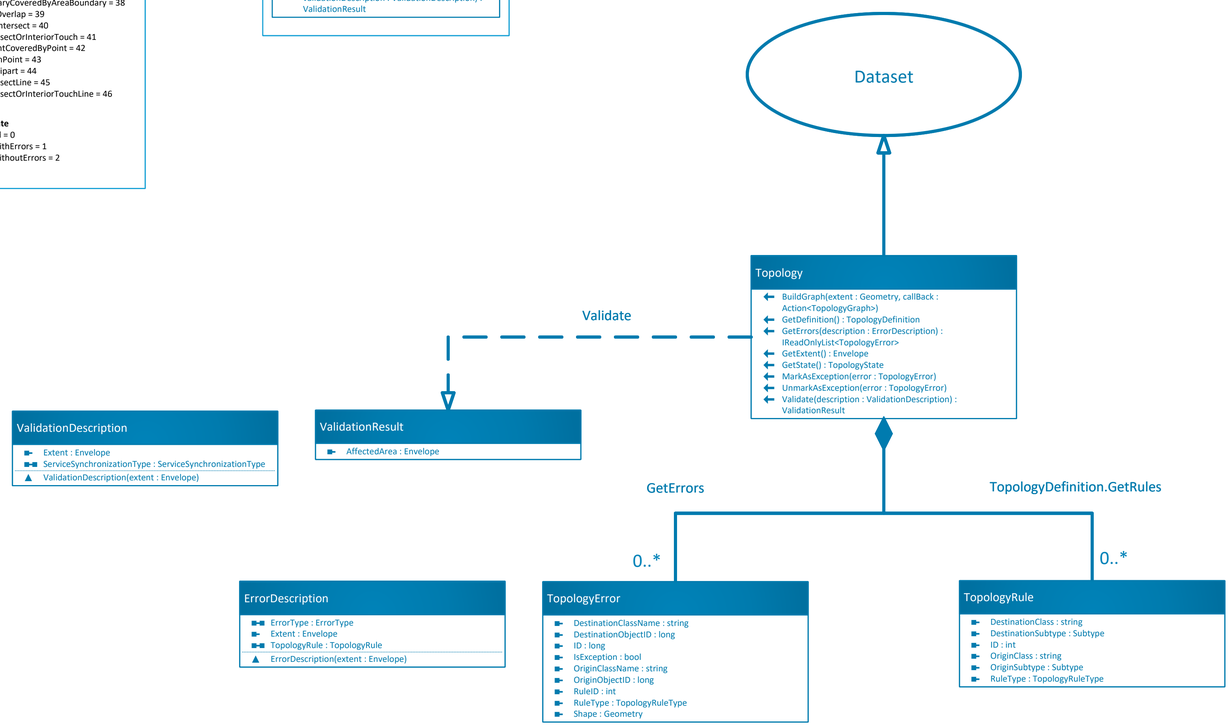
ServiceSynchronizationType
- Synchronous = 0
- Asynchronous = 1

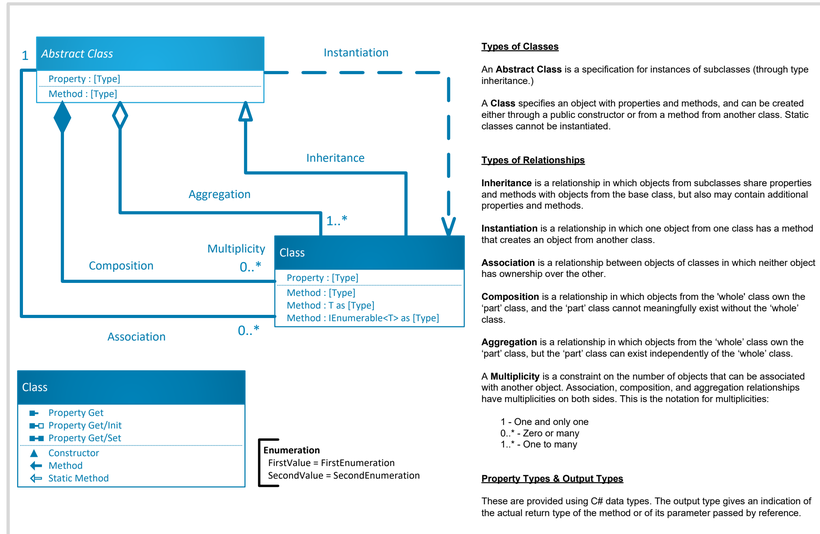
TopologyRuleType
- FeatureLargerThanClusterTolerance = 0
- AreaNoGaps = 1
- AreaNoOverlap = 3
- AreaCoveredByAreaClass = 4
- AreaAreaCoverEachOther = 5
- AreaCoveredByArea = 7
- AreaNoOverlapArea = 8
- LineCoveredByAreaBoundary = 10
- LineInsideArea = 11
- PointCoveredByAreaBoundary = 13
- PointProperlyInsideArea = 15
- AreaContainOnePoint = 16
- LineNoOverlap = 19
- LineNoIntersection = 20
- LineNoDangles = 21
- LineNoPseudos = 22
- LineCoveredByLineClass = 26
- LineNoOverlapLine = 28
- PointCoveredByLine = 29
- PointCoveredByLineEndpoint = 31
- PointDisjoint = 34
- PointCoincidePoint = 35
- AreaBoundaryCoveredByLine = 37
- AreaBoundaryCoveredByAreaBoundary = 38
- LineNoSelfOverlap = 39
- LineNoSelfIntersect = 40
- LineNoIntersectOrInteriorTouch = 41
- LineEndpointCoveredByPoint = 42
- AreaContainPoint = 43
- LineNoMultipart = 44
- LineNoIntersectLine = 45
- LineNoIntersectOrInteriorTouchLine = 46

TopologyState
- Unanalyzed = 0
- AnalyzedWithErrors = 1
- AnalyzedWithoutErrors = 2
- Empty = 3

Extensions

ArcGISCoreDataExtensions
- MarkAsExceptionInEditOperation(topology : this Topology, topologyError : TopologyError)
- UnmarkAsExceptionInEditOperation(topology : this Topology, topologyError : TopologyError)
- ValidateInEditOperation(topology : this Topology, validationDescription : ValidationDescription) : ValidationResult





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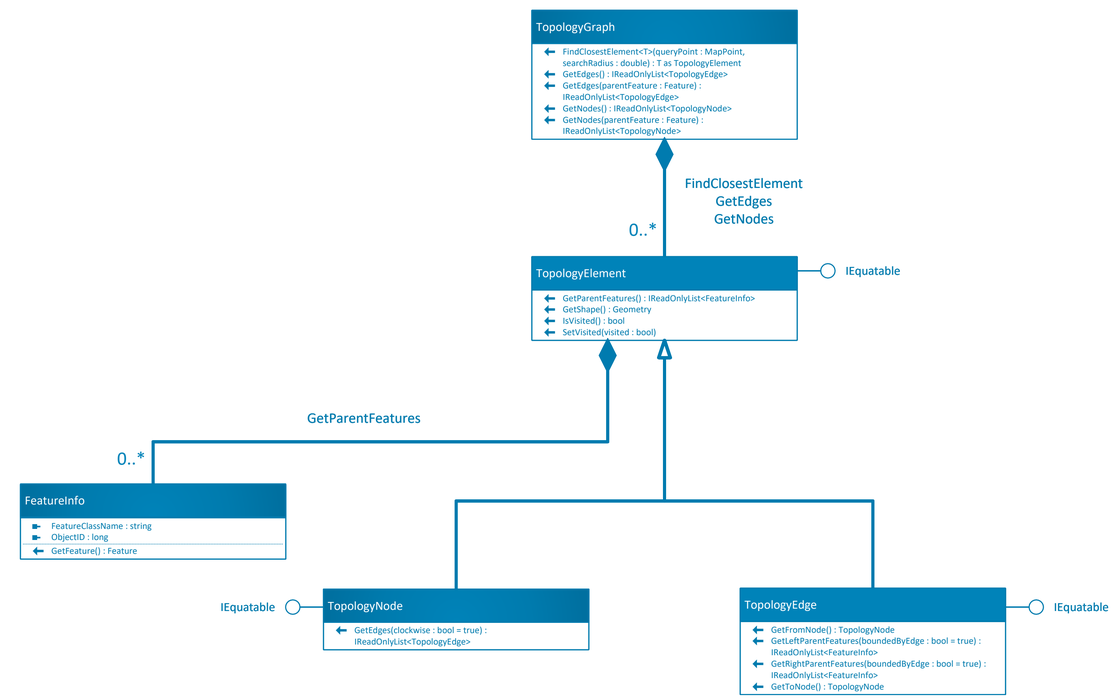

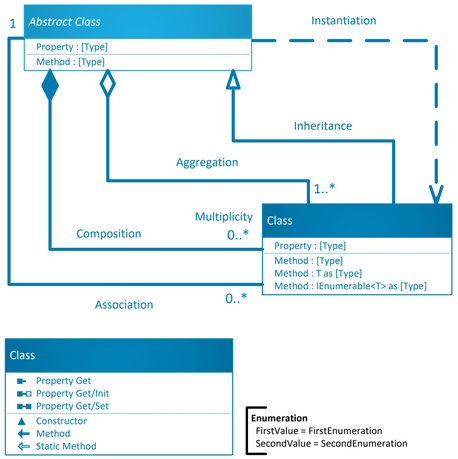

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Geodatabase Object Model
Raster
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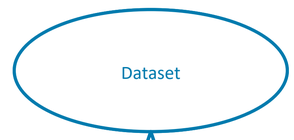

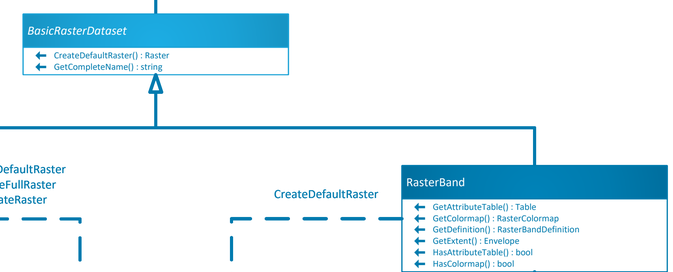

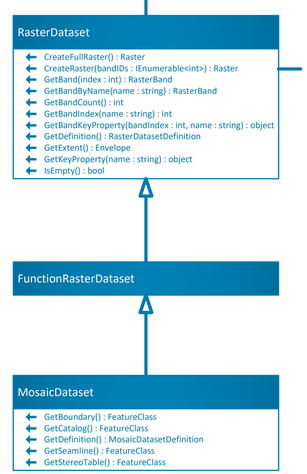

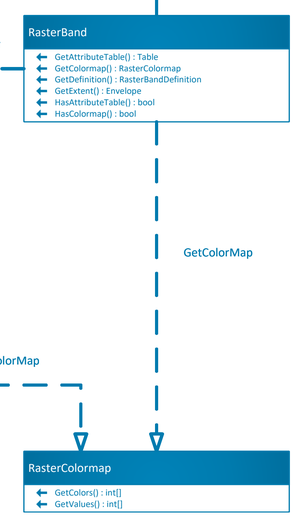

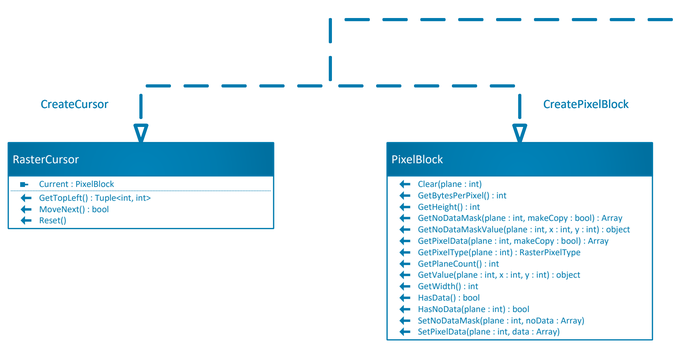

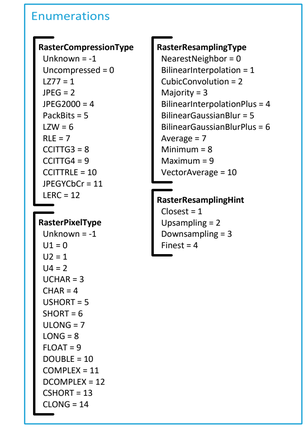

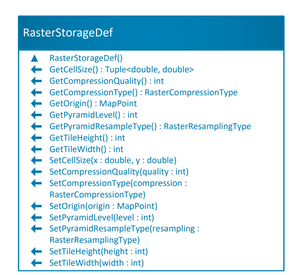

Geodatabase Object Model Plugin

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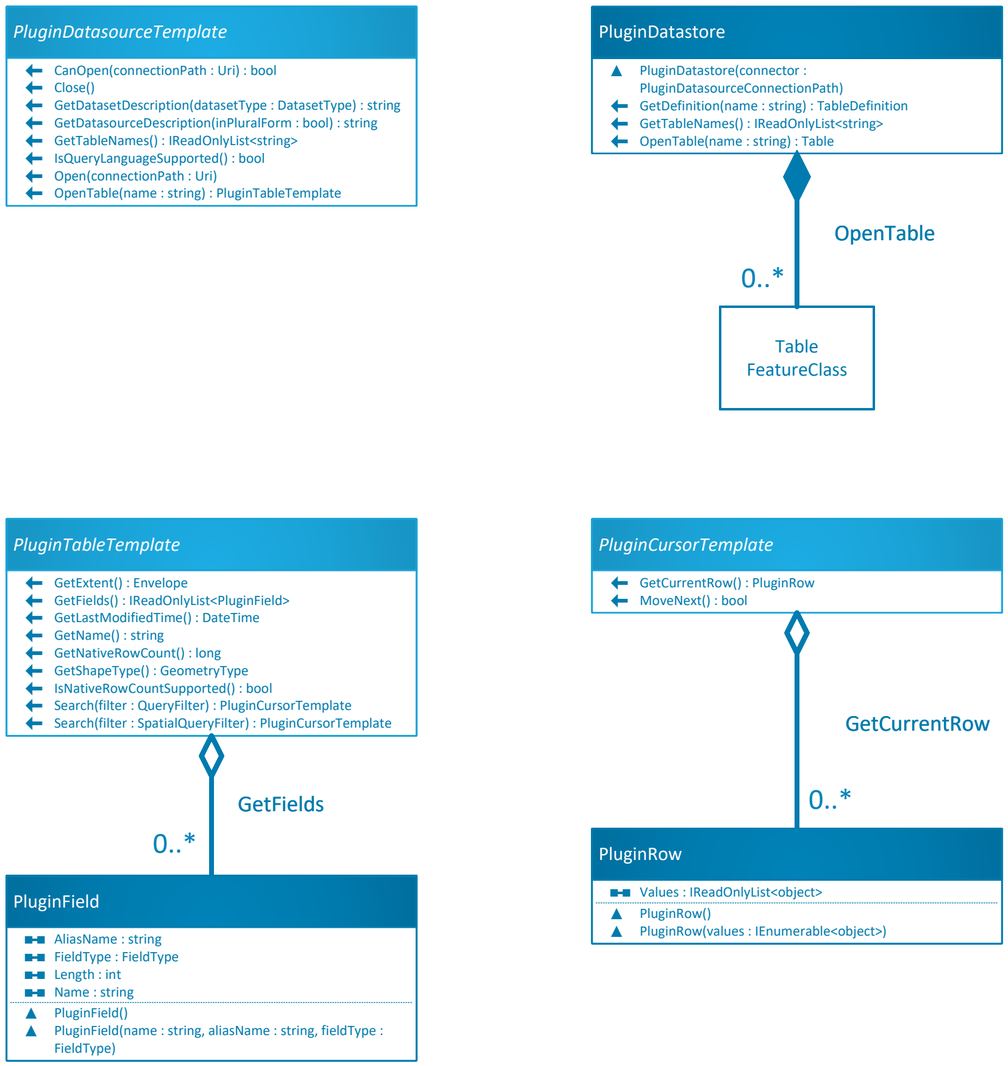

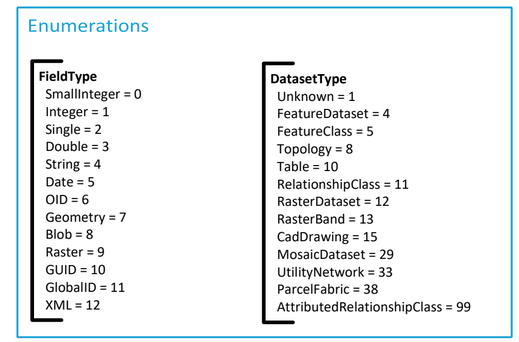

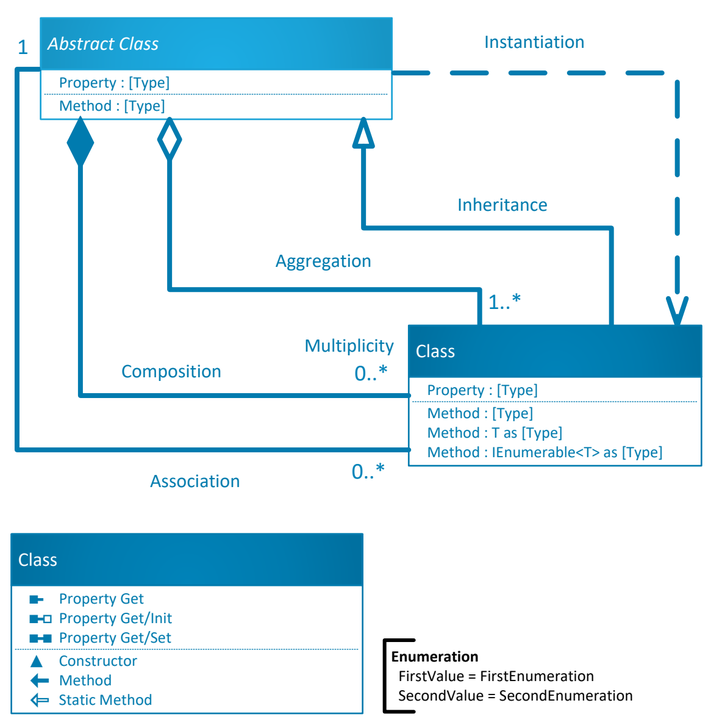

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Realtime
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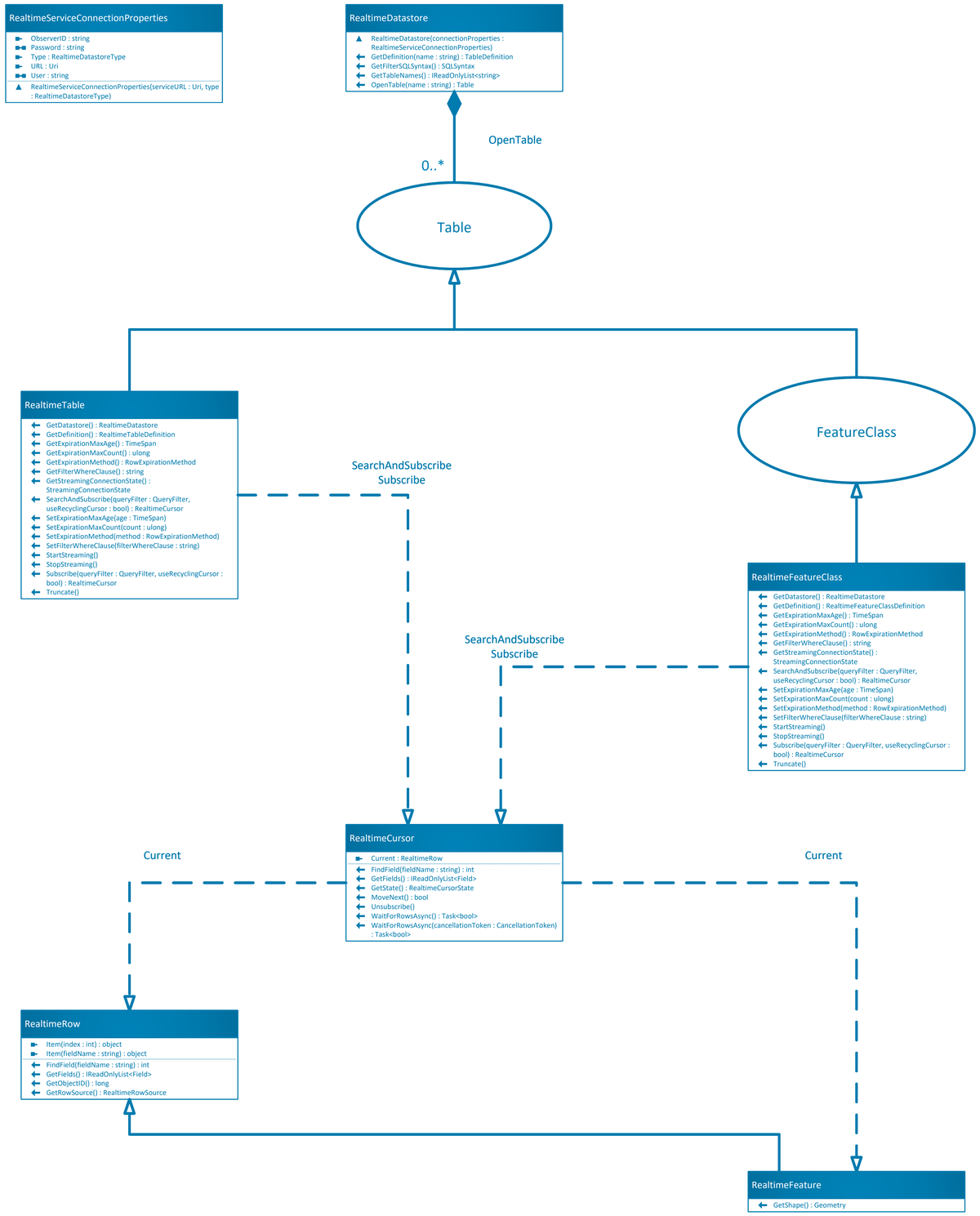

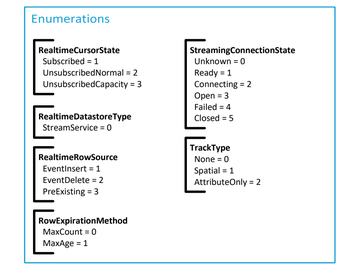

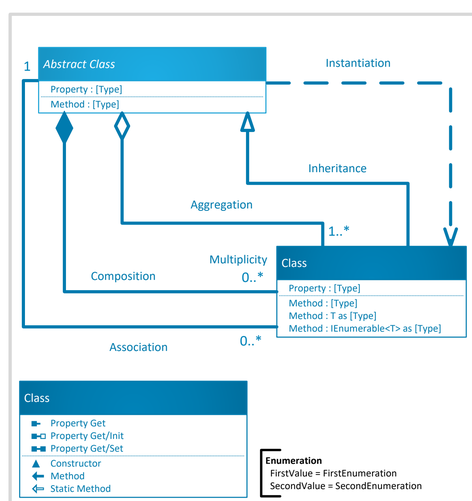

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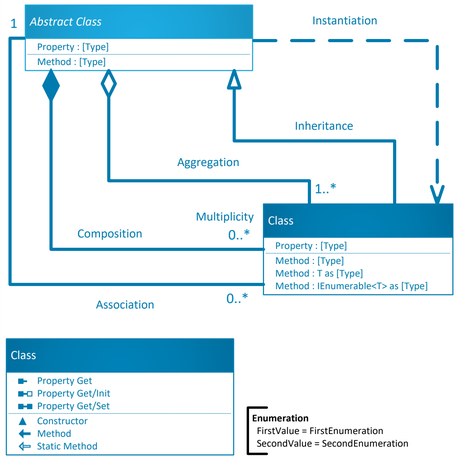

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Linear Referencing
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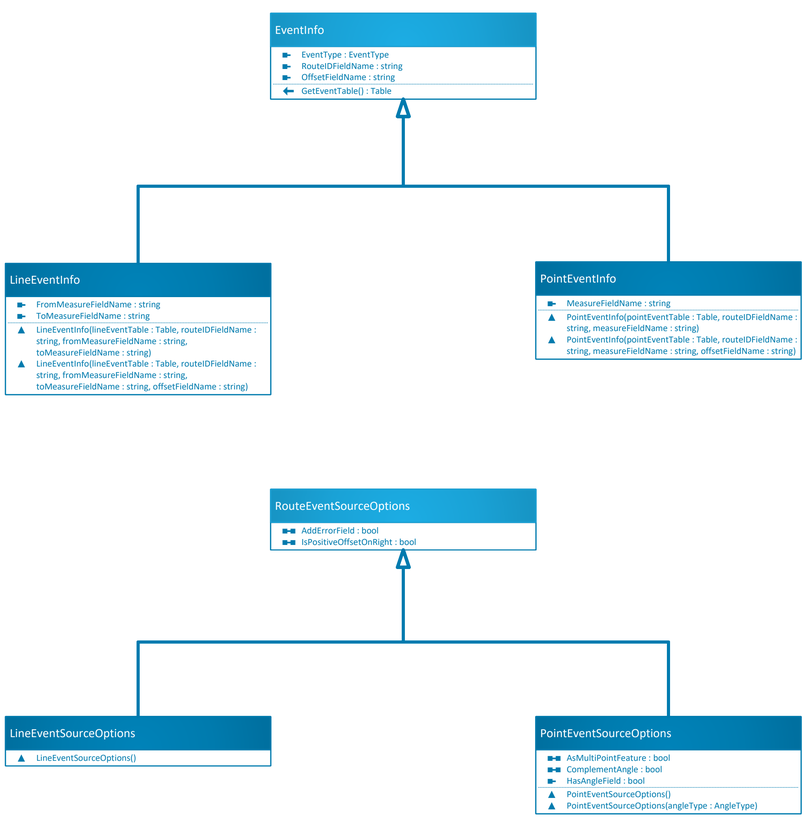
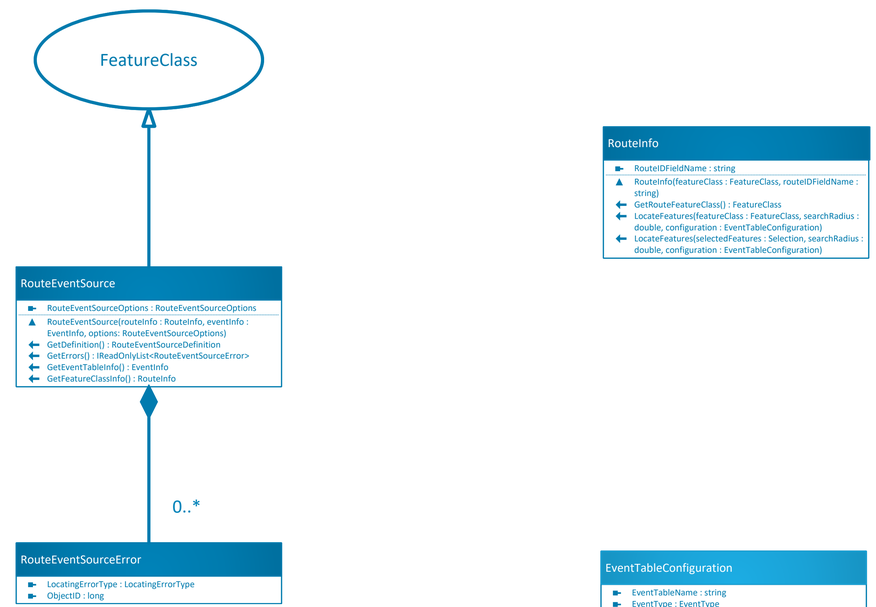
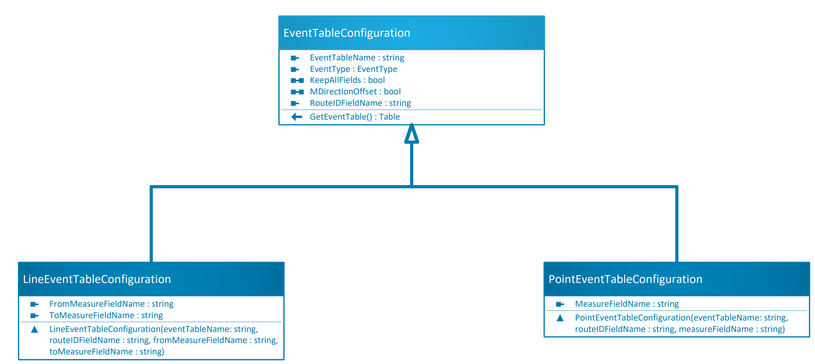
Enumerations

AngleType
Tangent = 0
Normal = 1

EventType
Line = 0
Point = 1

LocatingErrorType
InvalidRouteID = 1
InvalidMeasure = 2
CannotFindRoute = 3
RouteShapeEmpty = 4
CannotFindLocation = 5
CannotFindExtent = 6
FromPartialMatch = 7
ToPartialMatch = 8
RouteMValuesNull = 9
RouteNotMAware = 10
FromToPartialMatch = 11
MultipleLocations = 12
NullExtent = 13