

# GeodatabaseExtensions Object Model

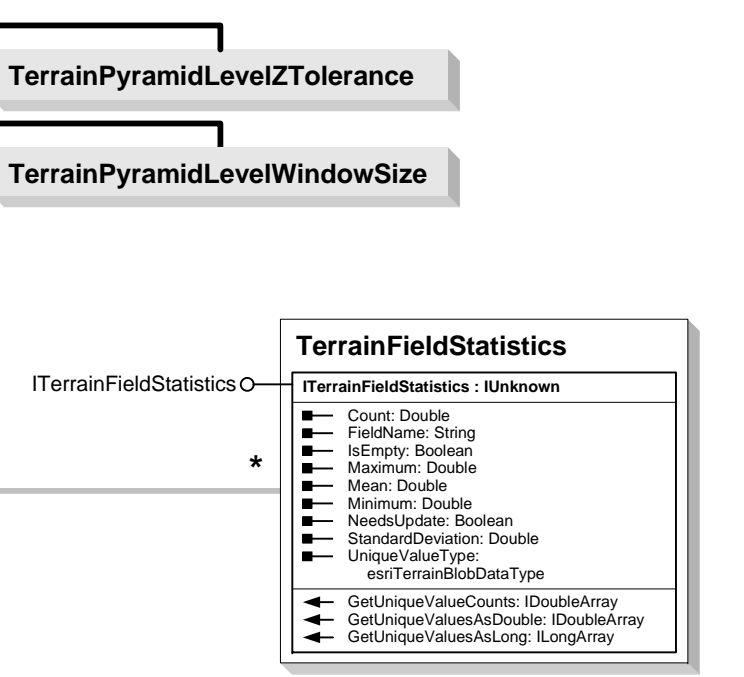
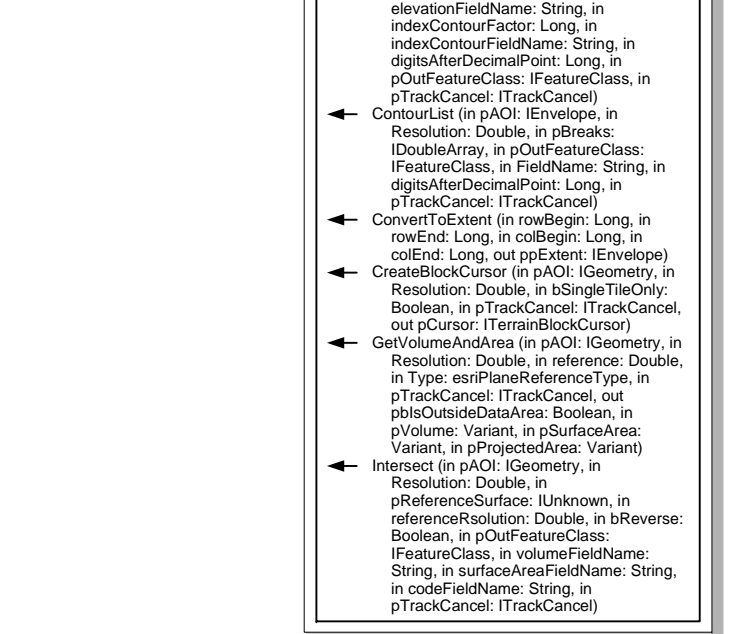
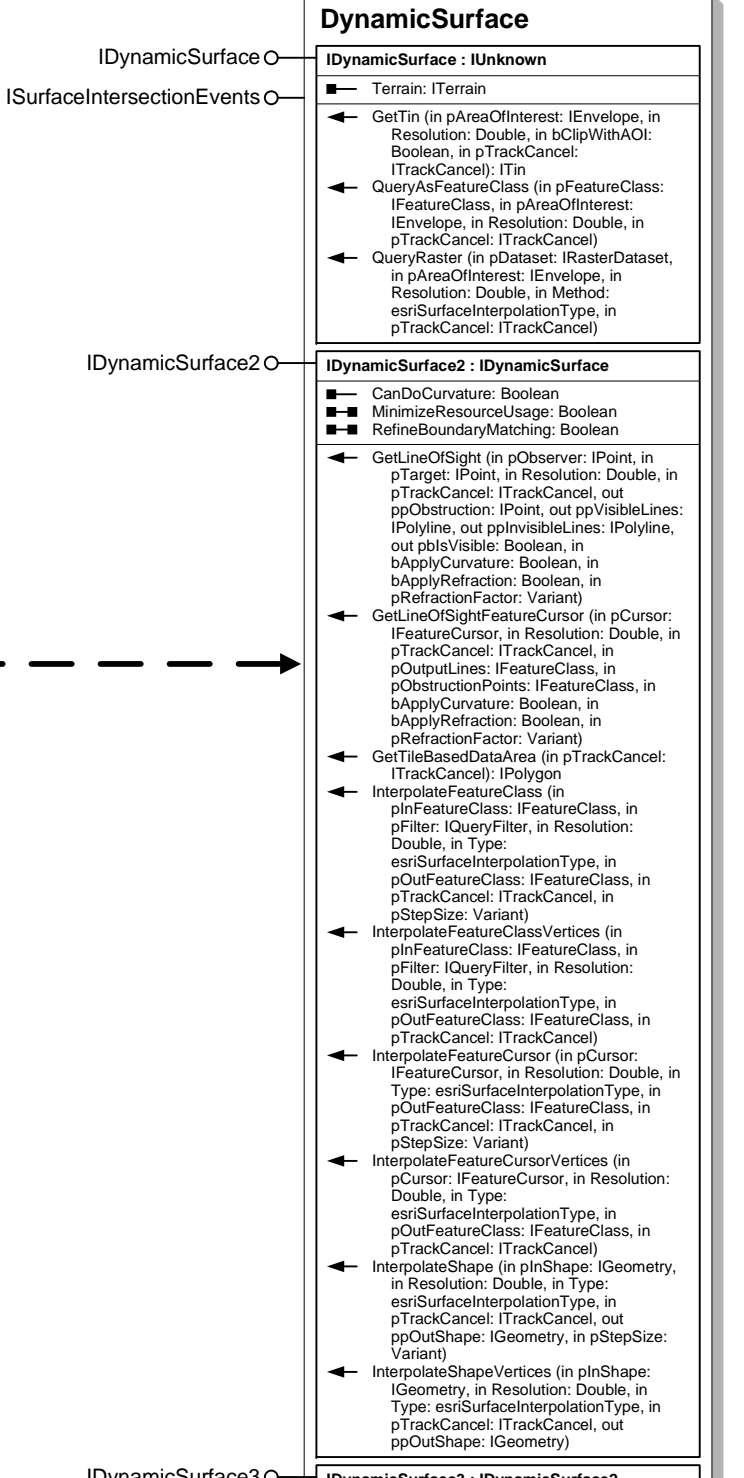
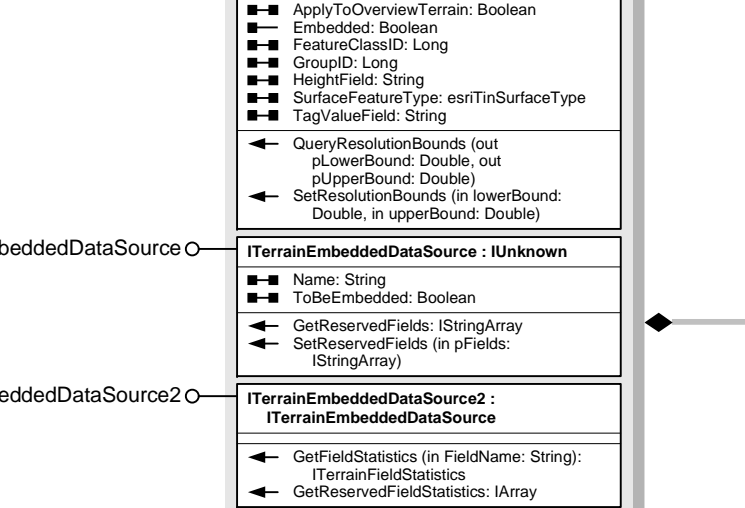
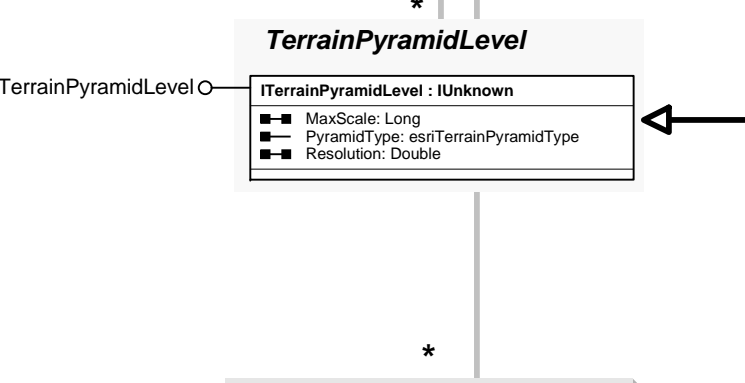
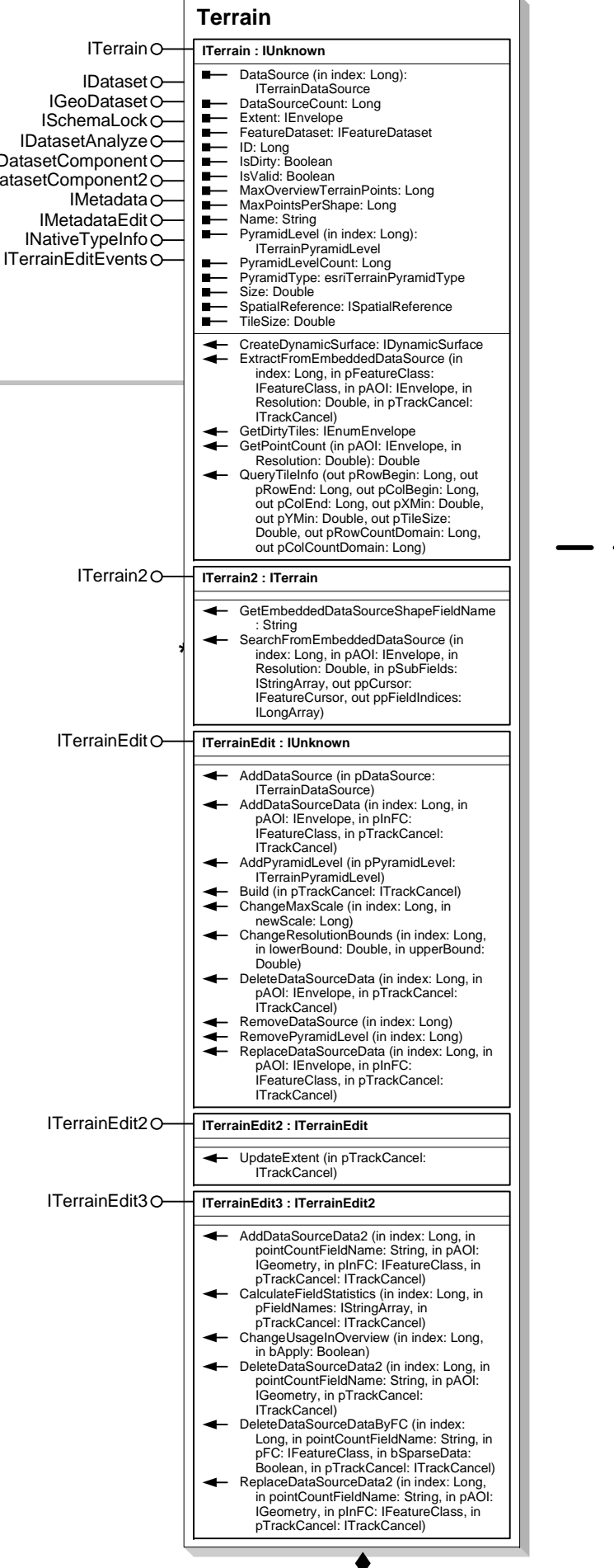
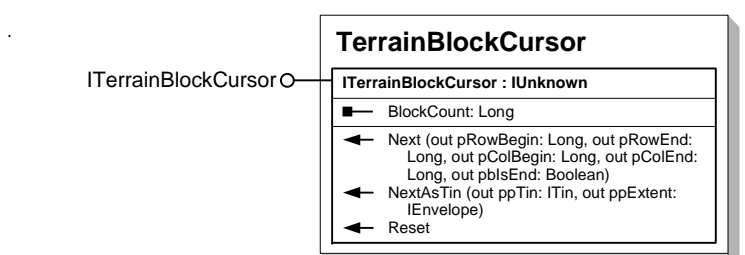
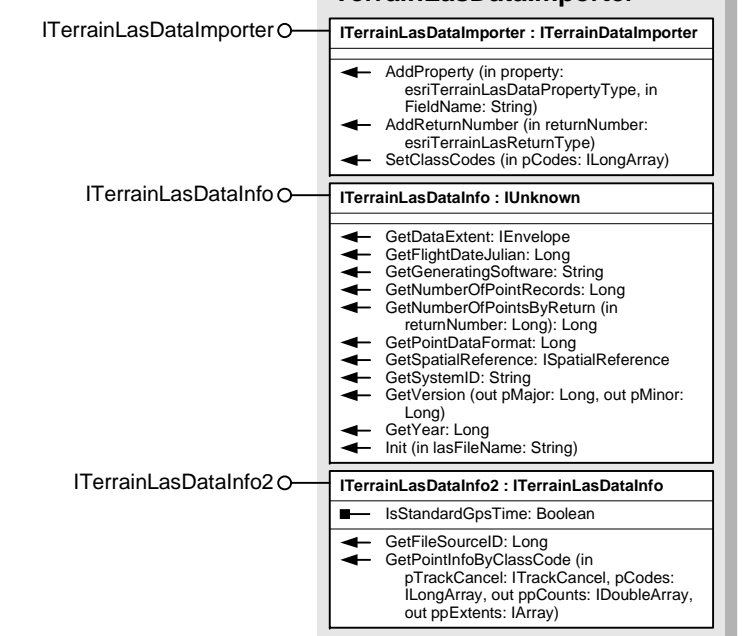
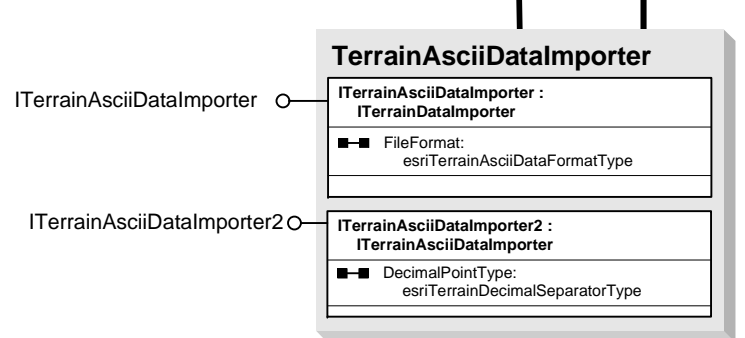
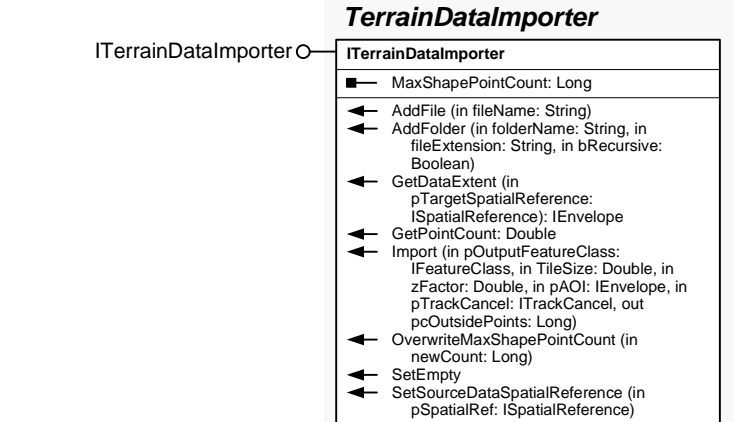
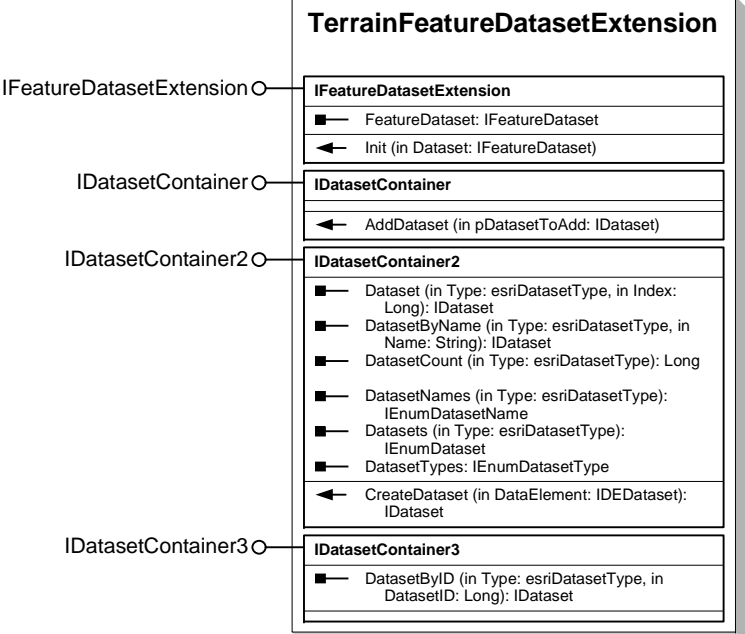
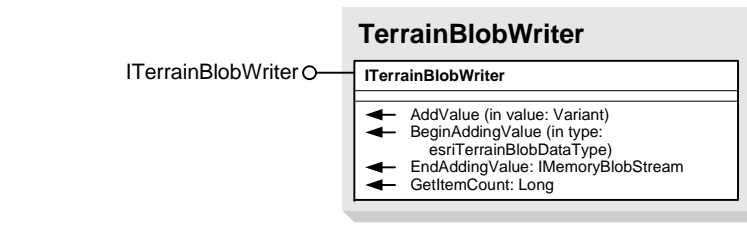
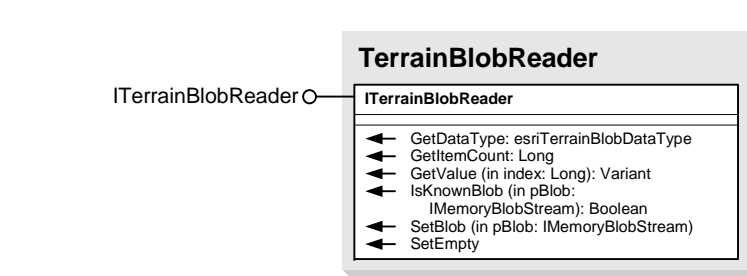
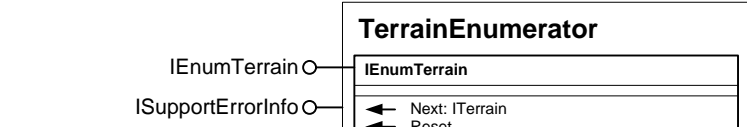
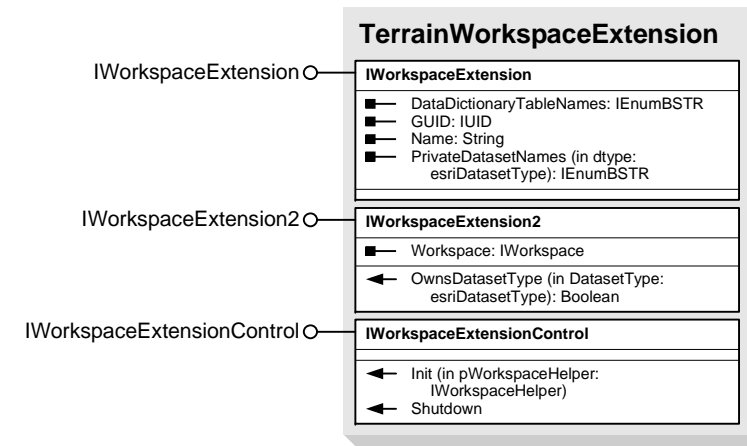
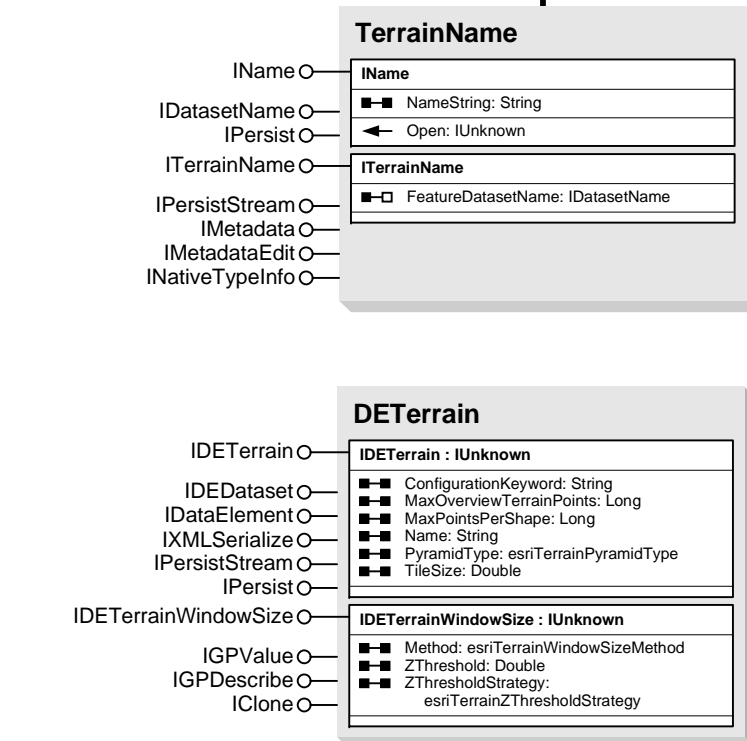
## Terrain

Esri® ArcGIS® 10.4

Copyright © 1999-2016 Esri. All rights reserved. Esri, ArcGIS, ArcObjects, and ArcMap are trademarks, registered trademarks, or service marks of Esri in the United States, the European Community, or certain other jurisdictions.

DatasetName in Geodatabase Core

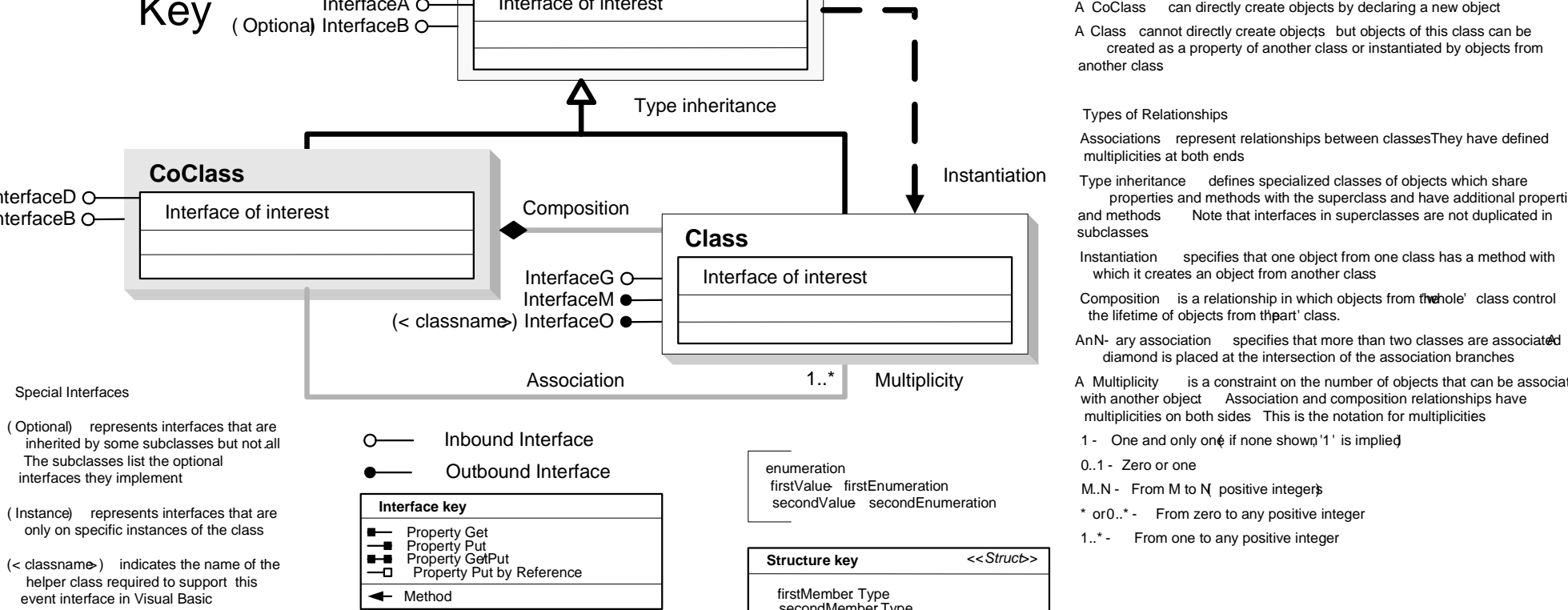
FeatureDataset in Geodatabase Core



### Enumerations

- esriTerrainPyramidType
  - 0 - esriTerrainPyramidZTolerance
  - 1 - esriTerrainPyramidWindowSize
- esriTerrainWindowSizeMethod
  - 0 - esriTerrainWindowSizeZTolerance
  - 1 - esriTerrainWindowSizeWindowSize
  - 2 - esriTerrainWindowSizeZTolerance
  - 3 - esriTerrainWindowSizeWindowSize
- esriTerrainZThresholdStrategy
  - 0 - esriTerrainZThresholdMidThinning
  - 1 - esriTerrainZThresholdModerateThinning
  - 2 - esriTerrainZThresholdStrongThinning
- esriTerrainAsciDataFormatType
  - 0 - esriTerrainAsciDataFormatXYZ
  - 1 - esriTerrainAsciDataFormatGenerate
  - 2 - esriTerrainAsciDataFormatXYZ
- esriTerrainDecimalSeparatorType
  - 0 - esriTerrainDecimalSeparatorPoint
  - 1 - esriTerrainDecimalSeparatorComma
  - 2 - esriTerrainDecimalSeparatorComma
- esriTerrainLastReturnCode
  - 1 - esriTerrainLastReturn1
  - 2 - esriTerrainLastReturn2
  - 3 - esriTerrainLastReturn3
  - 4 - esriTerrainLastReturn4
  - 5 - esriTerrainLastReturn5
  - 6 - esriTerrainLastReturn6
  - 7 - esriTerrainLastReturn7
  - 8 - esriTerrainLastReturn8
  - 9 - esriTerrainLastReturn9
  - 10 - esriTerrainLastReturn10
  - 11 - esriTerrainLastReturn11
  - 12 - esriTerrainLastReturn12
  - 13 - esriTerrainLastReturn13
  - 14 - esriTerrainLastReturn14
  - 15 - esriTerrainLastReturn15
  - 16 - esriTerrainLastReturn16
  - 17 - esriTerrainLastReturn17
  - 18 - esriTerrainLastReturn18
  - 19 - esriTerrainLastReturn19
  - 20 - esriTerrainLastReturn20
- esriTerrainError
  - 214720010 - E\_TERRAIN\_INVALID\_DATA\_SOURCE
  - 214720011 - E\_TERRAIN\_DATA\_SOURCE\_EXISTS
  - 214720012 - E\_TERRAIN\_INDEX\_OUT\_OF\_RANGE
  - 214720013 - E\_TERRAIN\_NOT\_INITIALIZED
  - 214720014 - E\_TERRAIN\_ALREADY\_EXISTS
  - 214720015 - E\_TERRAIN\_EDIT\_SESSION\_REQUIRED
  - 214720016 - E\_TERRAIN\_MUST\_BE\_ZLESS
  - 214720017 - E\_TERRAIN\_FILE\_EXISTS
  - 214720018 - E\_TERRAIN\_FILE\_NOT\_EXISTS
  - 214720019 - E\_TERRAIN\_FILE\_OPEN\_ERROR
  - 214720020 - E\_TERRAIN\_FILE\_READ\_ERROR
  - 214720021 - E\_TERRAIN\_TOO\_MANY\_BASE
  - 214720022 - E\_TERRAIN\_BAD\_SHAPE\_SIZE
  - 214720023 - E\_TERRAIN\_WRONG\_FORMAT
  - 214720024 - E\_TERRAIN\_NO\_RETURN
  - 214720025 - E\_TERRAIN\_BAD\_SHAPE\_SIZE
  - 214720026 - E\_TERRAIN\_NOT\_MULTIPONT
  - 214720027 - E\_TERRAIN\_INVALID\_METADATA
  - 214720028 - E\_TERRAIN\_FC\_OUTSIDE
  - 214720029 - E\_TERRAIN\_ZTOLERANCE\_EXISTS
  - 214720030 - E\_TERRAIN\_INVALID\_METADATA
  - 214720031 - E\_TERRAIN\_INVALID\_METADATA
  - 214720032 - E\_TERRAIN\_INVALID\_METADATA
  - 214720033 - E\_TERRAIN\_INVALID\_METADATA
  - 214720034 - E\_TERRAIN\_INVALID\_METADATA
  - 214720035 - E\_TERRAIN\_INVALID\_METADATA
  - 214720036 - E\_TERRAIN\_INVALID\_METADATA
  - 214720037 - E\_TERRAIN\_INVALID\_METADATA
  - 214720038 - E\_TERRAIN\_INVALID\_METADATA
  - 214720039 - E\_TERRAIN\_INVALID\_METADATA
  - 214720040 - E\_TERRAIN\_INVALID\_METADATA
  - 214720041 - E\_TERRAIN\_INVALID\_METADATA
  - 214720042 - E\_TERRAIN\_INVALID\_METADATA
  - 214720043 - E\_TERRAIN\_INVALID\_METADATA
  - 214720044 - E\_TERRAIN\_INVALID\_METADATA
  - 214720045 - E\_TERRAIN\_INVALID\_METADATA
  - 214720046 - E\_TERRAIN\_INVALID\_METADATA
  - 214720047 - E\_TERRAIN\_INVALID\_METADATA
  - 214720048 - E\_TERRAIN\_INVALID\_METADATA
  - 214720049 - E\_TERRAIN\_INVALID\_METADATA
  - 214720050 - E\_TERRAIN\_INVALID\_METADATA
  - 214720051 - E\_TERRAIN\_INVALID\_METADATA
  - 214720052 - E\_TERRAIN\_INVALID\_METADATA
  - 214720053 - E\_TERRAIN\_INVALID\_METADATA
  - 214720054 - E\_TERRAIN\_INVALID\_METADATA
  - 214720055 - E\_TERRAIN\_INVALID\_METADATA
  - 214720056 - E\_TERRAIN\_INVALID\_METADATA
  - 214720057 - E\_TERRAIN\_INVALID\_METADATA
  - 214720058 - E\_TERRAIN\_INVALID\_METADATA
  - 214720059 - E\_TERRAIN\_INVALID\_METADATA
  - 214720060 - E\_TERRAIN\_INVALID\_METADATA
  - 214720061 - E\_TERRAIN\_INVALID\_METADATA
  - 214720062 - E\_TERRAIN\_INVALID\_METADATA
  - 214720063 - E\_TERRAIN\_INVALID\_METADATA
  - 214720064 - E\_TERRAIN\_INVALID\_METADATA
  - 214720065 - E\_TERRAIN\_INVALID\_METADATA
  - 214720066 - E\_TERRAIN\_INVALID\_METADATA
  - 214720067 - E\_TERRAIN\_INVALID\_METADATA
  - 214720068 - E\_TERRAIN\_INVALID\_METADATA
  - 214720069 - E\_TERRAIN\_INVALID\_METADATA
  - 214720070 - E\_TERRAIN\_INVALID\_METADATA
  - 214720071 - E\_TERRAIN\_INVALID\_METADATA
  - 214720072 - E\_TERRAIN\_INVALID\_METADATA
  - 214720073 - E\_TERRAIN\_INVALID\_METADATA
  - 214720074 - E\_TERRAIN\_INVALID\_METADATA
  - 214720075 - E\_TERRAIN\_INVALID\_METADATA
  - 214720076 - E\_TERRAIN\_INVALID\_METADATA
  - 214720077 - E\_TERRAIN\_INVALID\_METADATA
  - 214720078 - E\_TERRAIN\_INVALID\_METADATA
  - 214720079 - E\_TERRAIN\_INVALID\_METADATA
  - 214720080 - E\_TERRAIN\_INVALID\_METADATA
  - 214720081 - E\_TERRAIN\_INVALID\_METADATA
  - 214720082 - E\_TERRAIN\_INVALID\_METADATA
  - 214720083 - E\_TERRAIN\_INVALID\_METADATA
  - 214720084 - E\_TERRAIN\_INVALID\_METADATA
  - 214720085 - E\_TERRAIN\_INVALID\_METADATA
  - 214720086 - E\_TERRAIN\_INVALID\_METADATA
  - 214720087 - E\_TERRAIN\_INVALID\_METADATA
  - 214720088 - E\_TERRAIN\_INVALID\_METADATA
  - 214720089 - E\_TERRAIN\_INVALID\_METADATA
  - 214720090 - E\_TERRAIN\_INVALID\_METADATA
  - 214720091 - E\_TERRAIN\_INVALID\_METADATA
  - 214720092 - E\_TERRAIN\_INVALID\_METADATA
  - 214720093 - E\_TERRAIN\_INVALID\_METADATA
  - 214720094 - E\_TERRAIN\_INVALID\_METADATA
  - 214720095 - E\_TERRAIN\_INVALID\_METADATA
  - 214720096 - E\_TERRAIN\_INVALID\_METADATA
  - 214720097 - E\_TERRAIN\_INVALID\_METADATA
  - 214720098 - E\_TERRAIN\_INVALID\_METADATA
  - 214720099 - E\_TERRAIN\_INVALID\_METADATA
  - 214720100 - E\_TERRAIN\_INVALID\_METADATA
  - 214720101 - E\_TERRAIN\_INVALID\_METADATA
  - 214720102 - E\_TERRAIN\_INVALID\_METADATA
  - 214720103 - E\_TERRAIN\_INVALID\_METADATA
  - 214720104 - E\_TERRAIN\_INVALID\_METADATA
  - 214720105 - E\_TERRAIN\_INVALID\_METADATA
  - 214720106 - E\_TERRAIN\_INVALID\_METADATA
  - 214720107 - E\_TERRAIN\_INVALID\_METADATA
  - 214720108 - E\_TERRAIN\_INVALID\_METADATA
  - 214720109 - E\_TERRAIN\_INVALID\_METADATA
  - 214720110 - E\_TERRAIN\_INVALID\_METADATA
  - 214720111 - E\_TERRAIN\_INVALID\_METADATA
  - 214720112 - E\_TERRAIN\_INVALID\_METADATA
  - 214720113 - E\_TERRAIN\_INVALID\_METADATA
  - 214720114 - E\_TERRAIN\_INVALID\_METADATA
  - 214720115 - E\_TERRAIN\_INVALID\_METADATA
  - 214720116 - E\_TERRAIN\_INVALID\_METADATA
  - 214720117 - E\_TERRAIN\_INVALID\_METADATA
  - 214720118 - E\_TERRAIN\_INVALID\_METADATA
  - 214720119 - E\_TERRAIN\_INVALID\_METADATA
  - 214720120 - E\_TERRAIN\_INVALID\_METADATA

### Class Diagram



# GeodatabaseExtensions Object Model

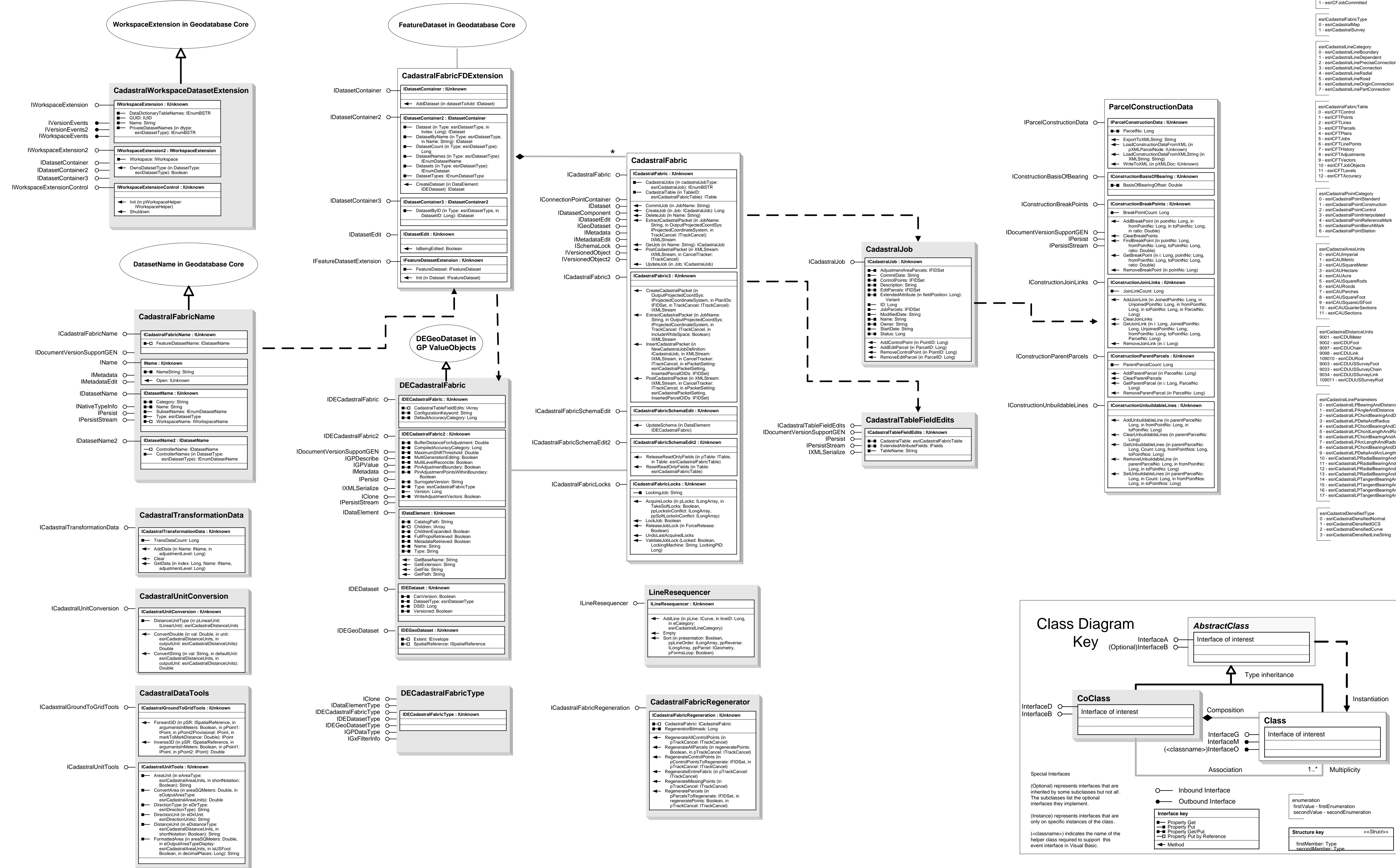
## CadastralFabric

Esri® ArcGIS® 10.4

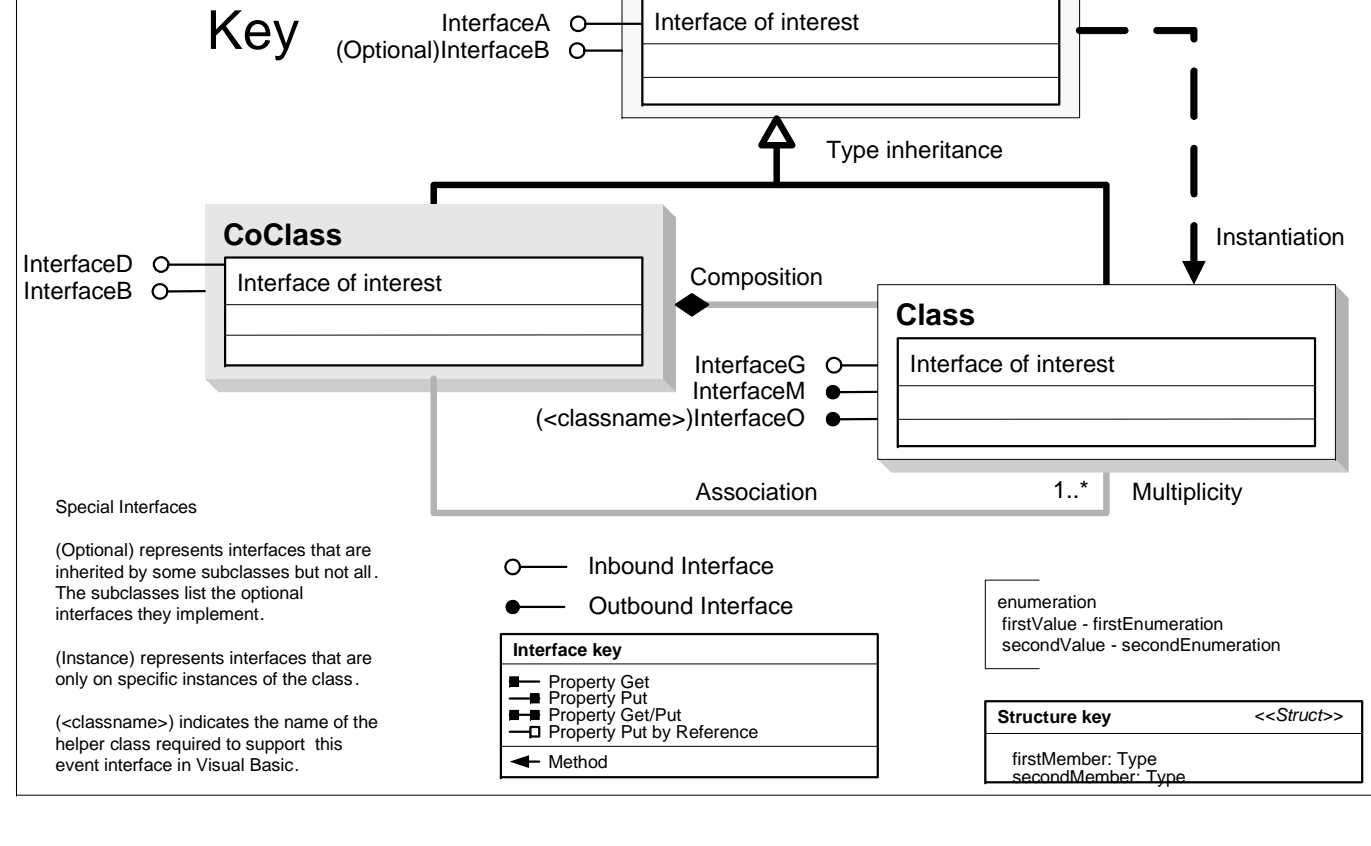
Copyright © 1999-2016 Esri. All rights reserved. Esri, ArcGIS, ArcObjects, and ArcMap are trademarks, registered trademarks, or service marks of Esri in the United States, the European Community, or certain other jurisdictions.

### Enumerations

<b>esriCadastralJob</b>	1 - esriCJobNotActive 0 - esriCJobActive 1 - esriCJobCommitted
<b>esriCadastralFabricType</b>	0 - esriCadastralMap 1 - esriCadastralSurvey
<b>esriCadastralLineCategory</b>	0 - esriCadastralLineBoundary 1 - esriCadastralLineDependent 2 - esriCadastralLinePreciseConnection 3 - esriCadastralLineConnection 4 - esriCadastralLineRadial 5 - esriCadastralLineRoad 6 - esriCadastralLineOriginConnection 7 - esriCadastralLinePanConnection
<b>esriCadastralFabricTable</b>	0 - esriCFTControl 1 - esriCFTPoints 2 - esriCFTLines 3 - esriCFTParcels 4 - esriCFTJobs 5 - esriCFTJobs 6 - esriCFTLinePoints 7 - esriCFTHistory 8 - esriCFTAdjustments 9 - esriCFTVectors 10 - esriCFTJobObjects 11 - esriCFTLevels 12 - esriCFTAccuracy
<b>esriCadastralParcelCategory</b>	0 - esriCadastralParcelStandard 1 - esriCadastralParcelConstruction 2 - esriCadastralParcelControl 3 - esriCadastralParcelInterpolated 4 - esriCadastralParcelReferenceMark 5 - esriCadastralParcelIntermark 6 - esriCadastralParcelStation
<b>esriCadastralAreaUnits</b>	0 - esriCAUImperial 1 - esriCAUMetric 2 - esriCAUSquareMeter 3 - esriCAUHectare 4 - esriCAUArea 5 - esriCAUSquareFoot 6 - esriCAURoads 7 - esriCAUParcels 8 - esriCAUSquareFoot 9 - esriCAUSquareFoot 10 - esriCAUQuarterSection 11 - esriCAUSections
<b>esriCadastralDistanceUnits</b>	9001 - esriCDUNone 9002 - esriCDUFoot 9007 - esriCDUChain 9008 - esriCDULink 100010 - esriCDURod 9003 - esriCDUSurveyFoot 9003 - esriCDUSurveyFoot 9004 - esriCDUSurveyLink 100011 - esriCDUSurveyRod
<b>esriCadastralLineParameters</b>	0 - esriCadastralPBEaringAndDistance 1 - esriCadastralPBEaringAndDistance 2 - esriCadastralPBEaringAndDeltaAndRadius 3 - esriCadastralPBEaringAndDelta 4 - esriCadastralPBEaringAndDeltaAndRadius 5 - esriCadastralPBEaringAndDeltaAndRadius 6 - esriCadastralPBEaringAndDeltaAndRadius 7 - esriCadastralPBEaringAndDeltaAndRadius 8 - esriCadastralPBEaringAndDeltaAndRadius 9 - esriCadastralPBEaringAndDeltaAndRadius 10 - esriCadastralPBEaringAndDeltaAndRadius 11 - esriCadastralPBEaringAndDeltaAndRadius 12 - esriCadastralPBEaringAndDeltaAndRadius 13 - esriCadastralPBEaringAndDeltaAndRadius 14 - esriCadastralPBEaringAndDeltaAndRadius 15 - esriCadastralPBEaringAndDeltaAndRadius 16 - esriCadastralPBEaringAndDeltaAndRadius 17 - esriCadastralPBEaringAndDeltaAndRadius
<b>esriCadastralDeserialType</b>	0 - esriCadastralDeserialNormal 1 - esriCadastralDeserialGCS 2 - esriCadastralDeserialCurve 3 - esriCadastralDeserialLineString



### 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

**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.  
(CoClassname) indicates the name of the helper class required to support this event interface in Visual Basic.

**Enumeration**  
firstValue - firstEnumeration  
secondValue - secondEnumeration

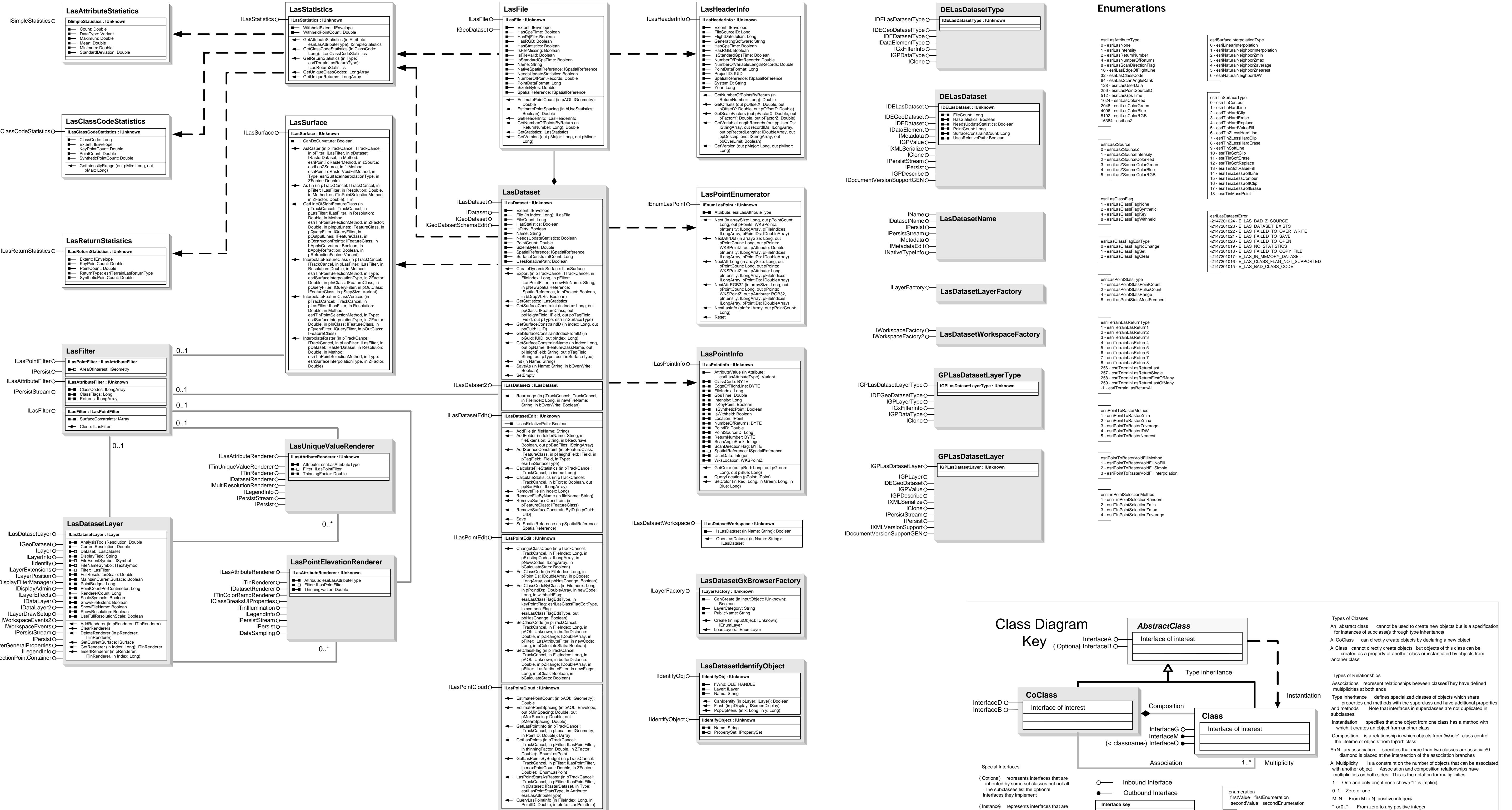
**Structure key**  
firstMember: Type  
secondMember: Type

# GeodatabaseExtensions Object Model

## LASDataset

Esri® ArcGIS® 10.4

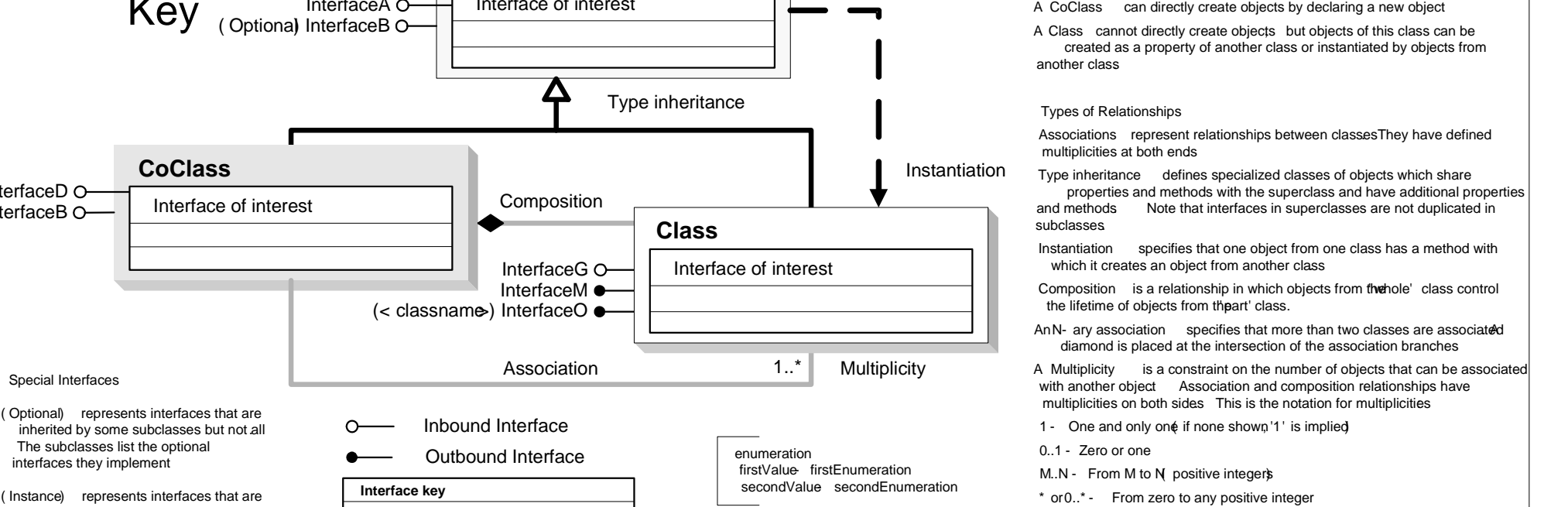
Copyright © 1999-2016 Esri. All rights reserved. Esri, ArcGIS, ArcObjects, and ArcMap are trademarks, registered trademarks, or service marks of Esri in the United States, the European Community, or certain other jurisdictions.



### Enumerations

- esriLasAttributeType
  - 0 - esriLasNone
  - 1 - esriLasIntensity
  - 2 - esriLasReturnNumber
  - 3 - esriLasReturnZmax
  - 4 - esriLasReturnZmin
  - 5 - esriLasReturnZmaxZmin
  - 6 - esriLasReturnZmaxZminZ
  - 7 - esriLasReturnZmaxZminZmax
  - 8 - esriLasReturnZmaxZminZmaxZ
  - 9 - esriLasReturnZmaxZminZmaxZmax
  - 10 - esriLasReturnZmaxZminZmaxZmaxZ
  - 11 - esriLasReturnZmaxZminZmaxZmaxZmax
  - 12 - esriLasReturnZmaxZminZmaxZmaxZmaxZ
  - 13 - esriLasReturnZmaxZminZmaxZmaxZmaxZmax
  - 14 - esriLasReturnZmaxZminZmaxZmaxZmaxZmaxZ
  - 15 - esriLasReturnZmaxZminZmaxZmaxZmaxZmaxZmax
  - 16 - esriLasReturnZmaxZminZmaxZmaxZmaxZmaxZmaxZ
  - 17 - esriLasReturnZmaxZminZmaxZmaxZmaxZmaxZmaxZmax
  - 18 - esriLasReturnZmaxZminZmaxZmaxZmaxZmaxZmaxZmaxZ
- esriSurfaceInterpolationType
  - 0 - esriSurfaceInterpolationNone
  - 1 - esriSurfaceInterpolationNaturalNeighborhood
  - 2 - esriSurfaceInterpolationTriangular
  - 3 - esriSurfaceInterpolationTIN
  - 4 - esriSurfaceInterpolationSpline
  - 5 - esriSurfaceInterpolationSplineWithTension
  - 6 - esriSurfaceInterpolationSplineWithClampingAndTension
  - 7 - esriSurfaceInterpolationSplineWithClampingAndTensionSmooth
  - 8 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitter
  - 9 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmooth
  - 10 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmooth
  - 11 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 12 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 13 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 14 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 15 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 16 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 17 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
  - 18 - esriSurfaceInterpolationSplineWithClampingAndTensionSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmoothAndFitterSmooth
- esriLasZSource
  - 1 - esriLasZSourceNone
  - 2 - esriLasZSourceIntensity
  - 3 - esriLasZSourceColorGreen
  - 4 - esriLasZSourceColorBlue
  - 5 - esriLasZSourceColorRed
  - 6 - esriLasZSourceColorRGB
- esriLasClassFlag
  - 1 - esriLasClassFlagNone
  - 2 - esriLasClassFlagSynthetic
  - 3 - esriLasClassFlagWorld
  - 4 - esriLasClassFlagMDE
  - 5 - esriLasClassFlagDEM
  - 6 - esriLasClassFlagDEM
  - 7 - esriLasClassFlagDEM
  - 8 - esriLasClassFlagDEM
  - 9 - esriLasClassFlagDEM
  - 10 - esriLasClassFlagDEM
  - 11 - esriLasClassFlagDEM
  - 12 - esriLasClassFlagDEM
  - 13 - esriLasClassFlagDEM
  - 14 - esriLasClassFlagDEM
  - 15 - esriLasClassFlagDEM
  - 16 - esriLasClassFlagDEM
  - 17 - esriLasClassFlagDEM
  - 18 - esriLasClassFlagDEM
  - 19 - esriLasClassFlagDEM
  - 20 - esriLasClassFlagDEM
  - 21 - esriLasClassFlagDEM
  - 22 - esriLasClassFlagDEM
  - 23 - esriLasClassFlagDEM
  - 24 - esriLasClassFlagDEM
  - 25 - esriLasClassFlagDEM
  - 26 - esriLasClassFlagDEM
  - 27 - esriLasClassFlagDEM
  - 28 - esriLasClassFlagDEM
  - 29 - esriLasClassFlagDEM
  - 30 - esriLasClassFlagDEM
  - 31 - esriLasClassFlagDEM
  - 32 - esriLasClassFlagDEM
  - 33 - esriLasClassFlagDEM
  - 34 - esriLasClassFlagDEM
  - 35 - esriLasClassFlagDEM
  - 36 - esriLasClassFlagDEM
  - 37 - esriLasClassFlagDEM
  - 38 - esriLasClassFlagDEM
  - 39 - esriLasClassFlagDEM
  - 40 - esriLasClassFlagDEM
  - 41 - esriLasClassFlagDEM
  - 42 - esriLasClassFlagDEM
  - 43 - esriLasClassFlagDEM
  - 44 - esriLasClassFlagDEM
  - 45 - esriLasClassFlagDEM
  - 46 - esriLasClassFlagDEM
  - 47 - esriLasClassFlagDEM
  - 48 - esriLasClassFlagDEM
  - 49 - esriLasClassFlagDEM
  - 50 - esriLasClassFlagDEM
  - 51 - esriLasClassFlagDEM
  - 52 - esriLasClassFlagDEM
  - 53 - esriLasClassFlagDEM
  - 54 - esriLasClassFlagDEM
  - 55 - esriLasClassFlagDEM
  - 56 - esriLasClassFlagDEM
  - 57 - esriLasClassFlagDEM
  - 58 - esriLasClassFlagDEM
  - 59 - esriLasClassFlagDEM
  - 60 - esriLasClassFlagDEM
  - 61 - esriLasClassFlagDEM
  - 62 - esriLasClassFlagDEM
  - 63 - esriLasClassFlagDEM
  - 64 - esriLasClassFlagDEM
  - 65 - esriLasClassFlagDEM
  - 66 - esriLasClassFlagDEM
  - 67 - esriLasClassFlagDEM
  - 68 - esriLasClassFlagDEM
  - 69 - esriLasClassFlagDEM
  - 70 - esriLasClassFlagDEM
  - 71 - esriLasClassFlagDEM
  - 72 - esriLasClassFlagDEM
  - 73 - esriLasClassFlagDEM
  - 74 - esriLasClassFlagDEM
  - 75 - esriLasClassFlagDEM
  - 76 - esriLasClassFlagDEM
  - 77 - esriLasClassFlagDEM
  - 78 - esriLasClassFlagDEM
  - 79 - esriLasClassFlagDEM
  - 80 - esriLasClassFlagDEM
  - 81 - esriLasClassFlagDEM
  - 82 - esriLasClassFlagDEM
  - 83 - esriLasClassFlagDEM
  - 84 - esriLasClassFlagDEM
  - 85 - esriLasClassFlagDEM
  - 86 - esriLasClassFlagDEM
  - 87 - esriLasClassFlagDEM
  - 88 - esriLasClassFlagDEM
  - 89 - esriLasClassFlagDEM
  - 90 - esriLasClassFlagDEM
  - 91 - esriLasClassFlagDEM
  - 92 - esriLasClassFlagDEM
  - 93 - esriLasClassFlagDEM
  - 94 - esriLasClassFlagDEM
  - 95 - esriLasClassFlagDEM
  - 96 - esriLasClassFlagDEM
  - 97 - esriLasClassFlagDEM
  - 98 - esriLasClassFlagDEM
  - 99 - esriLasClassFlagDEM
  - 100 - esriLasClassFlagDEM
- esriLasDatasetError
  - 21427004 - E\_LAS\_BAD\_Z\_SOURCE
  - 21427003 - E\_LAS\_DATASET\_EXISTS
  - 21427002 - E\_LAS\_FAILED\_TO\_OPEN\_WRITE
  - 21427001 - E\_LAS\_FAILED\_TO\_SAVE
  - 21427000 - E\_LAS\_FAILED\_TO\_OPEN
  - 21427019 - E\_LAS\_NO\_STATISTICS
  - 21427018 - E\_LAS\_FAILED\_TO\_COPY\_FILE
  - 21427017 - E\_LAS\_IN\_MEMORY\_DATASET
  - 21427016 - E\_LAS\_CLASS\_FLAG\_NOT\_SUPPORTED
  - 21427015 - E\_LAS\_BAD\_CLASS\_CODE
- esriLasPointStatusType
  - 1 - esriLasPointStatusTypeNone
  - 2 - esriLasPointStatusTypePointCount
  - 3 - esriLasPointStatusTypeRange
  - 4 - esriLasPointStatusTypeRange
  - 5 - esriLasPointStatusTypeRange
  - 6 - esriLasPointStatusTypeRange
  - 7 - esriLasPointStatusTypeRange
  - 8 - esriLasPointStatusTypeRange
  - 9 - esriLasPointStatusTypeRange
  - 10 - esriLasPointStatusTypeRange
  - 11 - esriLasPointStatusTypeRange
  - 12 - esriLasPointStatusTypeRange
  - 13 - esriLasPointStatusTypeRange
  - 14 - esriLasPointStatusTypeRange
  - 15 - esriLasPointStatusTypeRange
  - 16 - esriLasPointStatusTypeRange
  - 17 - esriLasPointStatusTypeRange
  - 18 - esriLasPointStatusTypeRange
  - 19 - esriLasPointStatusTypeRange
  - 20 - esriLasPointStatusTypeRange
  - 21 - esriLasPointStatusTypeRange
  - 22 - esriLasPointStatusTypeRange
  - 23 - esriLasPointStatusTypeRange
  - 24 - esriLasPointStatusTypeRange
  - 25 - esriLasPointStatusTypeRange
  - 26 - esriLasPointStatusTypeRange
  - 27 - esriLasPointStatusTypeRange
  - 28 - esriLasPointStatusTypeRange
  - 29 - esriLasPointStatusTypeRange
  - 30 - esriLasPointStatusTypeRange
  - 31 - esriLasPointStatusTypeRange
  - 32 - esriLasPointStatusTypeRange
  - 33 - esriLasPointStatusTypeRange
  - 34 - esriLasPointStatusTypeRange
  - 35 - esriLasPointStatusTypeRange
  - 36 - esriLasPointStatusTypeRange
  - 37 - esriLasPointStatusTypeRange
  - 38 - esriLasPointStatusTypeRange
  - 39 - esriLasPointStatusTypeRange
  - 40 - esriLasPointStatusTypeRange
  - 41 - esriLasPointStatusTypeRange
  - 42 - esriLasPointStatusTypeRange
  - 43 - esriLasPointStatusTypeRange
  - 44 - esriLasPointStatusTypeRange
  - 45 - esriLasPointStatusTypeRange
  - 46 - esriLasPointStatusTypeRange
  - 47 - esriLasPointStatusTypeRange
  - 48 - esriLasPointStatusTypeRange
  - 49 - esriLasPointStatusTypeRange
  - 50 - esriLasPointStatusTypeRange
  - 51 - esriLasPointStatusTypeRange
  - 52 - esriLasPointStatusTypeRange
  - 53 - esriLasPointStatusTypeRange
  - 54 - esriLasPointStatusTypeRange
  - 55 - esriLasPointStatusTypeRange
  - 56 - esriLasPointStatusTypeRange
  - 57 - esriLasPointStatusTypeRange
  - 58 - esriLasPointStatusTypeRange
  - 59 - esriLasPointStatusTypeRange
  - 60 - esriLasPointStatusTypeRange
  - 61 - esriLasPointStatusTypeRange
  - 62 - esriLasPointStatusTypeRange
  - 63 - esriLasPointStatusTypeRange
  - 64 - esriLasPointStatusTypeRange
  - 65 - esriLasPointStatusTypeRange
  - 66 - esriLasPointStatusTypeRange
  - 67 - esriLasPointStatusTypeRange
  - 68 - esriLasPointStatusTypeRange
  - 69 - esriLasPointStatusTypeRange
  - 70 - esriLasPointStatusTypeRange
  - 71 - esriLasPointStatusTypeRange
  - 72 - esriLasPointStatusTypeRange
  - 73 - esriLasPointStatusTypeRange
  - 74 - esriLasPointStatusTypeRange
  - 75 - esriLasPointStatusTypeRange
  - 76 - esriLasPointStatusTypeRange
  - 77 - esriLasPointStatusTypeRange
  - 78 - esriLasPointStatusTypeRange
  - 79 - esriLasPointStatusTypeRange
  - 80 - esriLasPointStatusTypeRange
  - 81 - esriLasPointStatusTypeRange
  - 82 - esriLasPointStatusTypeRange
  - 83 - esriLasPointStatusTypeRange
  - 84 - esriLasPointStatusTypeRange
  - 85 - esriLasPointStatusTypeRange
  - 86 - esriLasPointStatusTypeRange
  - 87 - esriLasPointStatusTypeRange
  - 88 - esriLasPointStatusTypeRange
  - 89 - esriLasPointStatusTypeRange
  - 90 - esriLasPointStatusTypeRange
  - 91 - esriLasPointStatusTypeRange
  - 92 - esriLasPointStatusTypeRange
  - 93 - esriLasPointStatusTypeRange
  - 94 - esriLasPointStatusTypeRange
  - 95 - esriLasPointStatusTypeRange
  - 96 - esriLasPointStatusTypeRange
  - 97 - esriLasPointStatusTypeRange
  - 98 - esriLasPointStatusTypeRange
  - 99 - esriLasPointStatusTypeRange
  - 100 - esriLasPointStatusTypeRange
- esriTinPointSelectionMethod
  - 1 - esriTinPointSelectionRandom
  - 2 - esriTinPointSelectionZmax
  - 3 - esriTinPointSelectionZmin
  - 4 - esriTinPointSelectionZmaxZmin

### Class Diagram



Special Interfaces 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.

Interface key
 

- Property Get
- Property Put
- Property GetPut
- Property Put by Reference
- Method

Enumeration
 

- firstValue firstEnumeration
- secondValue secondEnumeration

Structure key
 

- Structure
- Structure Member Type
- Structure Member Type

Multiplicity
 

- 1 - One and only 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