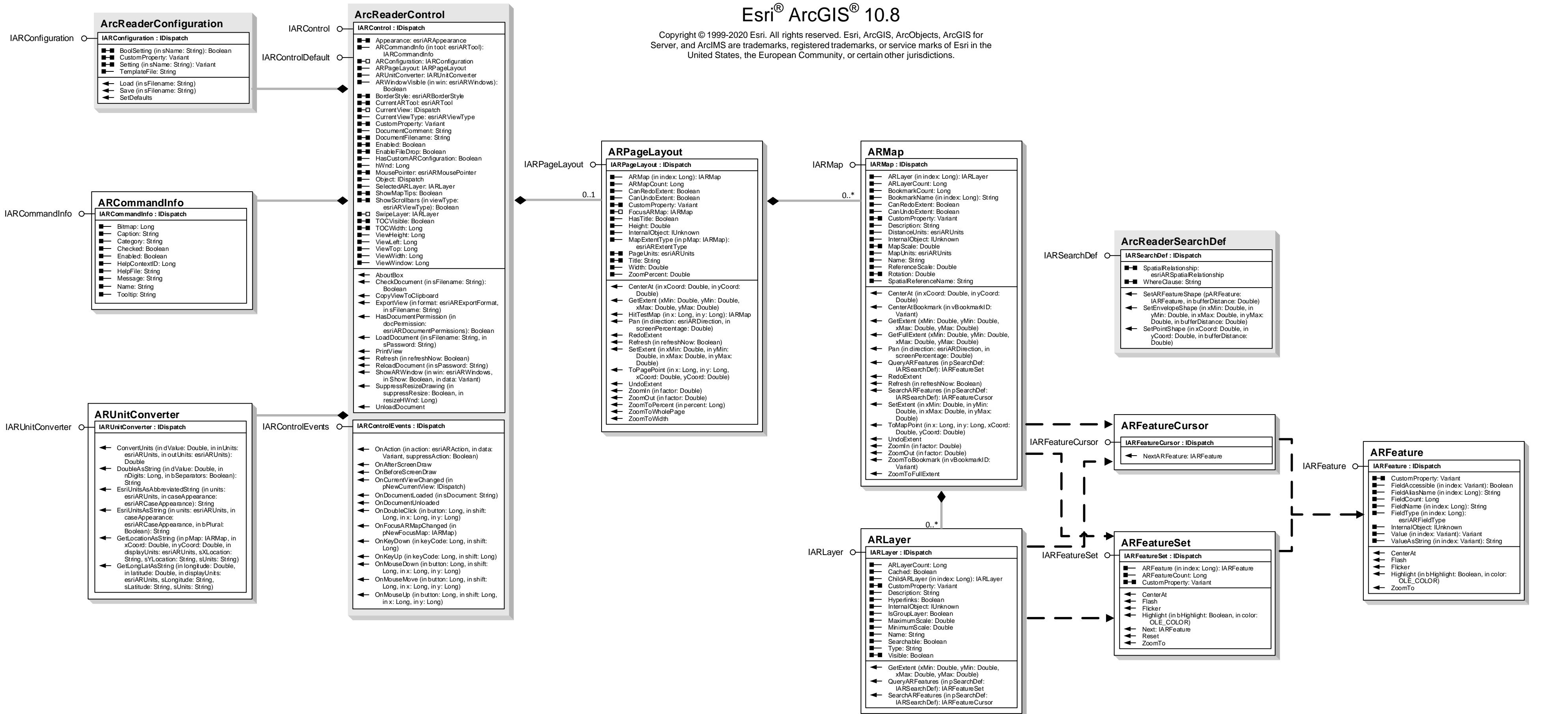


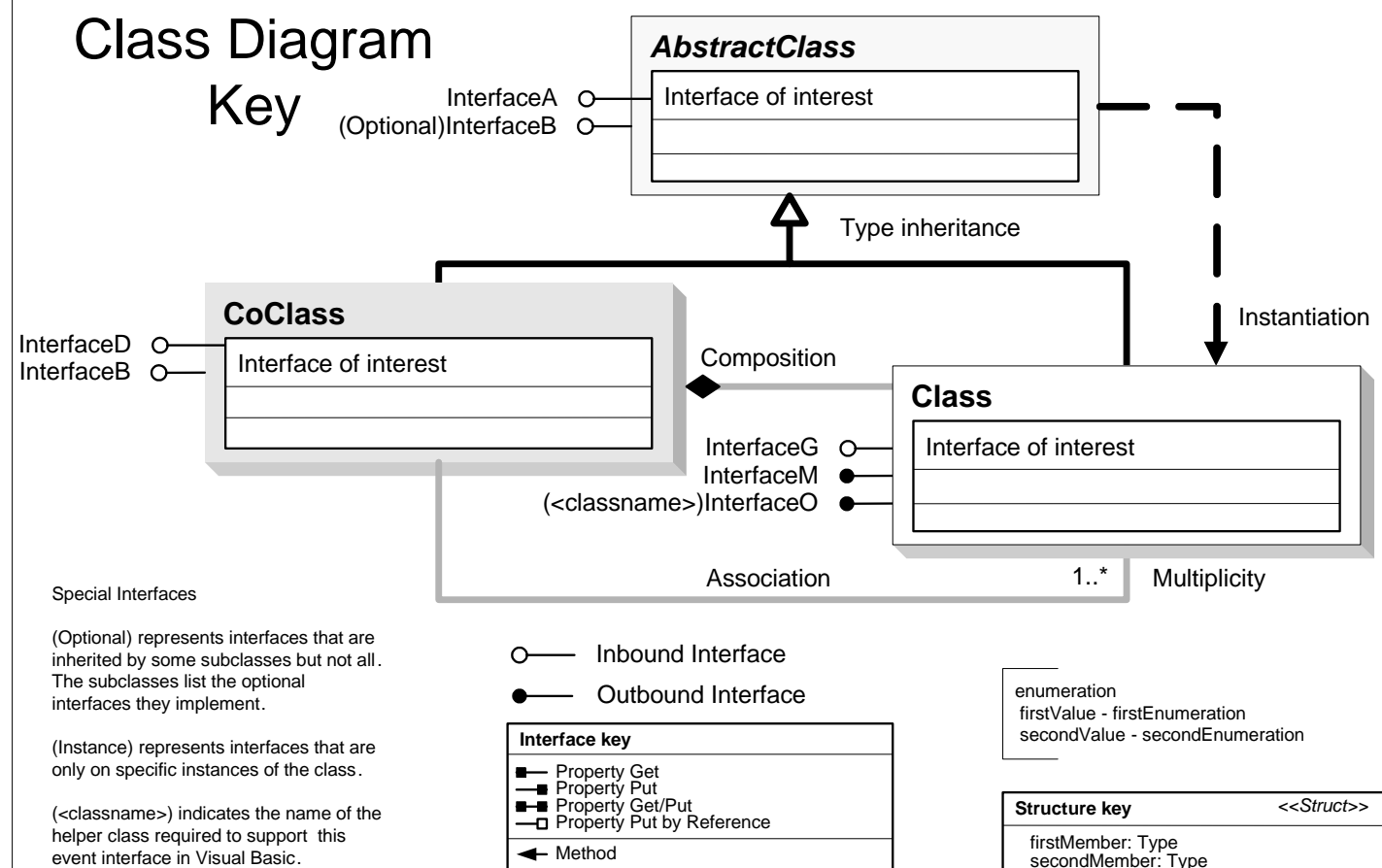
PublisherControls Object Model

Esri® ArcGIS® 10.8

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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

```
enumeration
firstValue - firstEnumeration
secondValue - secondEnumeration
```

Structure key	<<Struct>>
firstMember: Type	
secondMember: Type	

```
esriARAction
0 - esriARActionMapProperties
1 - esriARActionLayerProperties
2 - esriARActionHyperlink
3 - esriARActionIdentify
4 - esriARActionAnimationStarted
5 - esriARActionAnimationStopped
```

```
esriARAppearance
0 - esriARAppearanceFlat
1 - esriARAppearance3D
```

esriARBorderStyle
0 - esriARBorderStyleNoBorder
1 - esriARBorderStyleBorder

esriARCaseAppearance
0 - esriARCaseAppearanceUnchanged
1 - esriARCaseAppearanceUpper
2 - esriARCaseAppearanceLower

```
esriARDirection
0 - esriARDirectionNorth
1 - esriARDirectionNorthEast
2 - esriARDirectionEast
3 - esriARDirectionSouthEast
4 - esriARDirectionSouth
5 - esriARDirectionSouthWest
6 - esriARDirectionWest
7 - esriARDirectionNorthWest
```

```
esiARDocumentPermissions
0 - esiARDocumentPermissionsPrint
1 - esiARDocumentPermissionsExport
2 - esiARDocumentPermissionsIdentity
3 - esiARDocumentPermissionsFind
4 - esiARDocumentPermissionsChangeView
5 - esiARDocumentPermissionsChangeLayerVisibility
6 - esiARDocumentPermissionsHyperlink
7 - esiARDocumentPermissionsMeasure
8 - esiARDocumentPermissionsViewTOC
9 - esiARDocumentPermissionsOnlyARReader
10 - esiARDocumentPermissionsOnlyARFeatures
11 - esiARDocumentPermissionsQueryValues
12 - esiARDocumentPermissionsCopyViewToClipboard
13 - esiARDocumentPermissionsInternalObjects
```

```
esriARExportFormat
0 - esriARExportFormatBMP

esriARExportType
0 - esriARExportTypeNotFixed
```

2 - esriARExtentTypeFixedExtent

```
esriARFieldType
0 - esriARFieldTypeSmallInteger
1 - esriARFieldTypeInteger
2 - esriARFieldTypeSingle
3 - esriARFieldTypeDouble
4 - esriARFieldTypeString
5 - esriARFieldTypeDate
6 - esriARFieldTypeOID
7 - esriARFieldTypeGeometry
8 - esriARFieldTypeBlob
9 - esriARFieldTypeRaster
```

```

esriARMousePointer
0 - esriARMousePointerDefault
1 - esriARMousePointerArrow
2 - esriARMousePointerCrosshair
3 - esriARMousePointerBeam
4 - esriARMousePointerIcon
5 - esriARMousePointerSize
6 - esriARMousePointerSizeNESW
7 - esriARMousePointerSizeNS
8 - esriARMousePointerSizeNWSE
9 - esriARMousePointerSizeWE
10 - esriARMousePointerUpArrow
11 - esriARMousePointerHourglass
12 - esriARMousePointerNoDrop
13 - esriARMousePointerHourGlass
14 - esriARMousePointerArrowQuestion
15 - esriARMousePointerSizeAll

```

```
esriAR.SpatialRelationship
0 - esriAR.SpatialRelationshipUndefined
1 - esriAR.SpatialRelationshipIntersects
2 - esriAR.SpatialRelationshipEnvelopeIntersects
3 - esriAR.SpatialRelationshipContainsIntersects
4 - esriAR.SpatialRelationshipTouches
5 - esriAR.SpatialRelationshipOverlaps
6 - esriAR.SpatialRelationshipCrosses
7 - esriAR.SpatialRelationshipWithin
8 - esriAR.SpatialRelationshipContains
9 - esriAR.SpatialRelationshipRelation
```

```

esriARTool
0 - esriARToolMapZoomIn
1 - esriARToolMapZoomOut
2 - esriARToolMapPan
3 - esriARToolMapIdentify
4 - esriARToolLayoutZoomIn
5 - esriARToolLayoutZoomOut
6 - esriARToolLayoutPan
7 - esriARToolMapMeasure
8 - esriARToolMapHighlightLink
9 - esriARToolNoneSelected
10 - esriARToolMapIdentifyUsingLayers
11 - esriARToolMapSwipe
12 - esriARToolMapZoomInOut
13 - esriARToolMapPrintThin
14 - esriARToolMapMarkupMedium
15 - esriARToolMapMarkupPenThick
16 - esriARToolMapMarkupHighlightYellow
17 - esriARToolMapMarkupHighlightGreen
18 - esriARToolMapMarkupHighlightBlue
19 - esriARToolMapMarkupEraserSmall
20 - esriARToolMapMarkupEraserMedium
21 - esriARToolMapMarkupEraserLarge
22 - esriARToolMapMarkupEraserStroke
99 - esriARToolQuitOpen

```

- esriARUnits
- 0 - esriARUnitsUnknown
- 1 - esriARUnitsInches
- 2 - esriARUnitsPoints
- 3 - esriARUnitsFeet
- 4 - esriARUnitsYards
- 5 - esriARUnitsMiles
- 6 - esriARUnitsNauticalMiles
- 7 - esriARUnitsMillimeters
- 8 - esriARUnitsCentimeters
- 9 - esriARUnitsMeters
- 10 - esriARUnitsKilometers
- 11 - esriARUnitsDecimalDegrees
- 12 - esriARUnitsDecimalMeters
- 13 - esriARUnitsDeciMinSec

```

1  esriARViewType
2  0 - esriARViewTypeNone
3  1 - esriARViewTypePageLayout
4  2 - esriARViewTypeMap
5
6  esriARWindows
7  0 - esriARWindowsFind
8  1 - esriARWindowsMagnifier
9  2 - esriARWindowsSearchHelp
10 3 - esriARWindowsHelpContents
11 4 - esriARWindowsFileProperties
12 5 - esriARWindowsAddInternetSite
13 6 - esriARWindowsManagementSite
14 7 - esriARWindowsInternetBrowser
15 8 - esriARWindowsPanes
16 9 - esriARWindowsPrinter
17 10 - esriARWindowsDefault
18 11 - esriARWindowsPMTile
19 12 - esriARWindowsRouting
20 13 - esriARWindowsFindXY
21 14 - esriARWindowsFindNearbyPlaces
22 15 - esriARWindowsMyPlaces

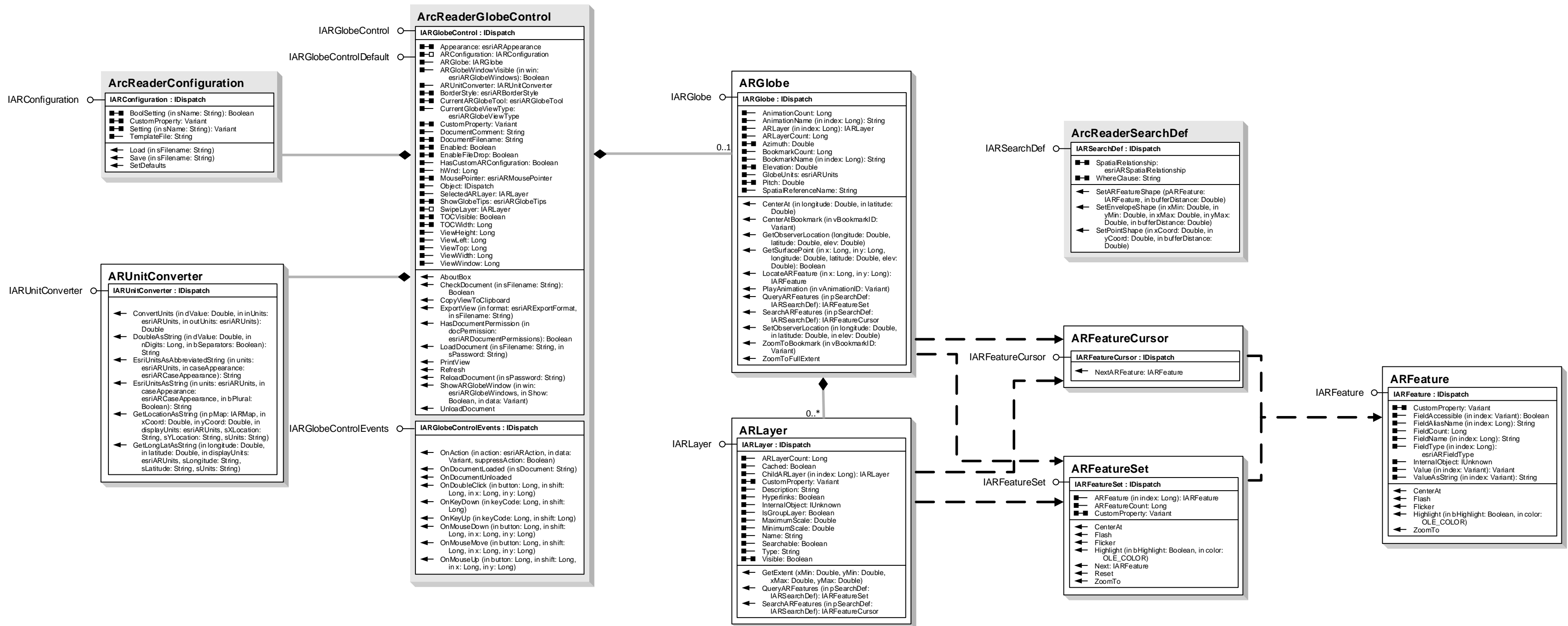
```

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esriArcReaderGlobeControl



Class Diagram

Key

(Optional) InterfaceA

InterfaceB

AbstractClass

Interface of interest

Type inheritance

Composition

InterfaceG

InterfaceM

(<classname>)InterfaceO

Association

1..*

Multiplicity

Types of Classes

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M..N - From M to N (positive integers)

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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.

(<classname>) indicates the name of the helper class required to support this event interface in Visual Basic.

Inbound Interface

Outbound Interface

Interface key

Property Get

Property Put

Property Get/Put

Property Put by Reference

Method

enumeration

firstValue - firstEnumeration

secondValue - secondEnumeration

Structure key

<<Struct>>

firstMember: Type

secondMember: Type

esriARAction

0 - esriARActionMapProperties

1 - esriARActionLayerProperties

2 - esriARActionHyperlink

3 - esriARActionIdentify

4 - esriARActionAnimationStarted

5 - esriARActionAnimationStopped

esriARAppearance

0 - esriARAppearanceFlat

1 - esriARAppearance3D

esriARBorderStyle

0 - esriARBorderStyleNoBorder

1 - esriARBorderStyleBorder

esriARCaseAppearance

0 - esriARCaseAppearanceUnchanged

1 - esriARCaseAppearanceUpper

2 - esriARCaseAppearanceLower

esriARDirection

0 - esriARDirectionNorth

1 - esriARDirectionNorthEast

2 - esriARDirectionEast

3 - esriARDirectionSouthEast

4 - esriARDirectionSouth

5 - esriARDirectionSouthWest

6 - esriARDirectionWest

7 - esriARDirectionNorthWest

esriARDocumentPermissions

0 - esriARDocumentPermissionsPrint

1 - esriARDocumentPermissionsExport

2 - esriARDocumentPermissionsIdentify

3 - esriARDocumentPermissionsFind

4 - esriARDocumentPermissionsChangeView

5 - esriARDocumentPermissionsHyperlink

6 - esriARDocumentPermissionsMeasure

7 - esriARDocumentPermissionsViewTOC

8 - esriARDocumentPermissionsCopyViewToClipboard

9 - esriARDocumentPermissionsOnlyArcReader

10 - esriARDocumentPermissionsQueryValues

11 - esriARDocumentPermissionsCopyViewToClipboard

12 - esriARDocumentPermissionsInternalObjects

13 - esriARDocumentPermissionsInternalObjects

esriARFieldTypes

0 - esriARFieldTypesInteger

1 - esriARFieldTypesSmallInteger

2 - esriARFieldTypesSingle

3 - esriARFieldTypesDouble

4 - esriARFieldTypesDate

5 - esriARFieldTypesOID

6 - esriARFieldTypesGeometry

7 - esriARFieldTypesBlob

8 - esriARFieldTypesElevation

9 - esriARFieldTypesRaster

esriARGlobeTools

0 - esriARGlobeToolsPivot

1 - esriARGlobeToolsNavigate

2 - esriARGlobeToolsZoomInOut

3 - esriARGlobeToolsPan

4 - esriARGlobeToolsIdentify

5 - esriARGlobeToolsMeasure

6 - esriARGlobeToolsHyperlink

7 - esriARGlobeToolsFly

8 - esriARGlobeToolsSwipe

9 - esriARGlobeToolsTarget

10 - esriARGlobeToolsNoneSelected

esriARGlobeViewTypes

0 - esriARGlobeViewTypeNone

1 - esriARGlobeViewTypeGlobe

esriARMousePointers

0 - esriARMousePointerDefault

1 - esriARMousePointerArrow

2 - esriARMousePointerCrosshair

3 - esriARMousePointerBeam

4 - esriARMousePointerIcon

5 - esriARMousePointerSize

6 - esriARMousePointerSizeNESW

7 - esriARMousePointerSizeNS

8 - esriARMousePointerSizeNWSE

9 - esriARMousePointerSizeVE

10 - esriARMousePointerSizeAll

11 - esriARMousePointerHourglass

12 - esriARMousePointerHourglass

13 - esriARMousePointerHourglass

14 - esriARMousePointerHourglass

15 - esriARMousePointerSizeAll

esriARSpatialRelationships

0 - esriARSpatialRelationshipUndefined

1 - esriARSpatialRelationshipIntersects

2 - esriARSpatialRelationshipEnvelopeIntersects

3 - esriARSpatialRelationshipIndexIntersects

4 - esriARSpatialRelationshipTouches

5 - esriARSpatialRelationshipCrosses

6 - esriARSpatialRelationshipWithin

7 - esriARSpatialRelationshipContains

8 - esriARSpatialRelationshipContains

9 - esriARSpatialRelationshipRelation

esriARUnits

0 - esriARUnitsUnknown

1 - esriARUnitsChes

2 - esriARUnitsFeet

3 - esriARUnitsFeet

4 - esriARUnitsYards

5 - esriARUnitsMiles

6 - esriARUnitsNauticalMiles

7 - esriARUnitsMeters

8 - esriARUnitsCentimeters

9 - esriARUnitsMeters

10 - esriARUnitsKilometers

11 - esriARUnitsDecimalDegrees

12 - esriARUnitsDecimalDegrees

13 - esriARUnitsDegMnSec