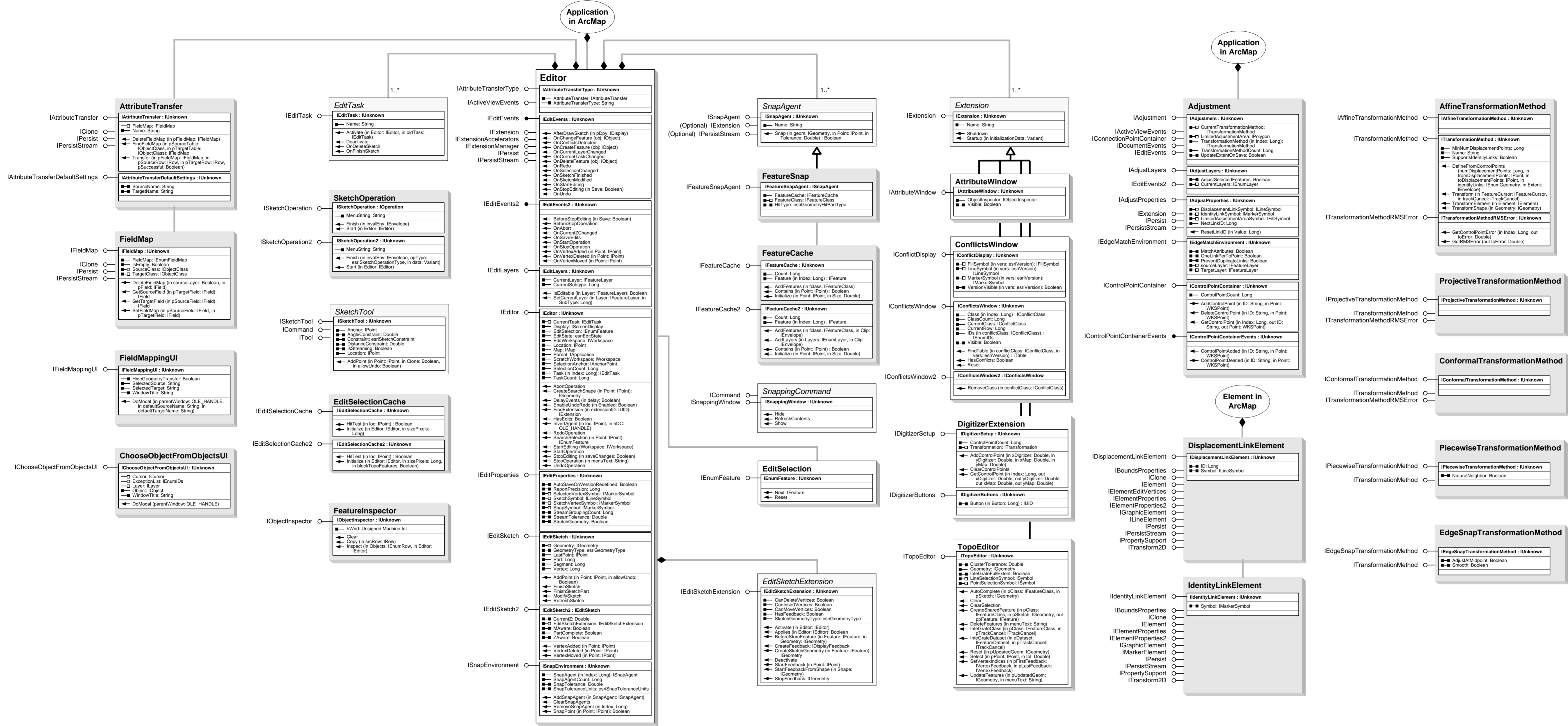


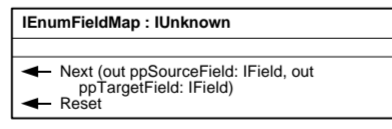
ArcMap™ Editor Object Model

ArcGIS™ 8.2

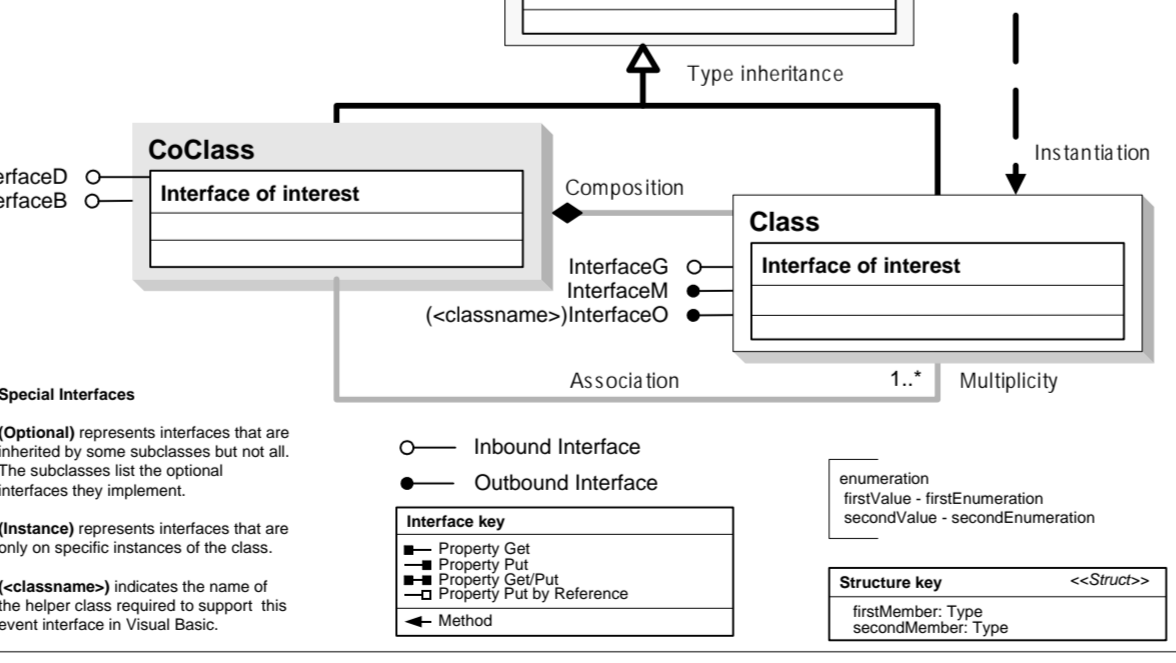
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Interfaces



Class Diagram Key



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 designing 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 with a single object from another class. 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

Enumerations

