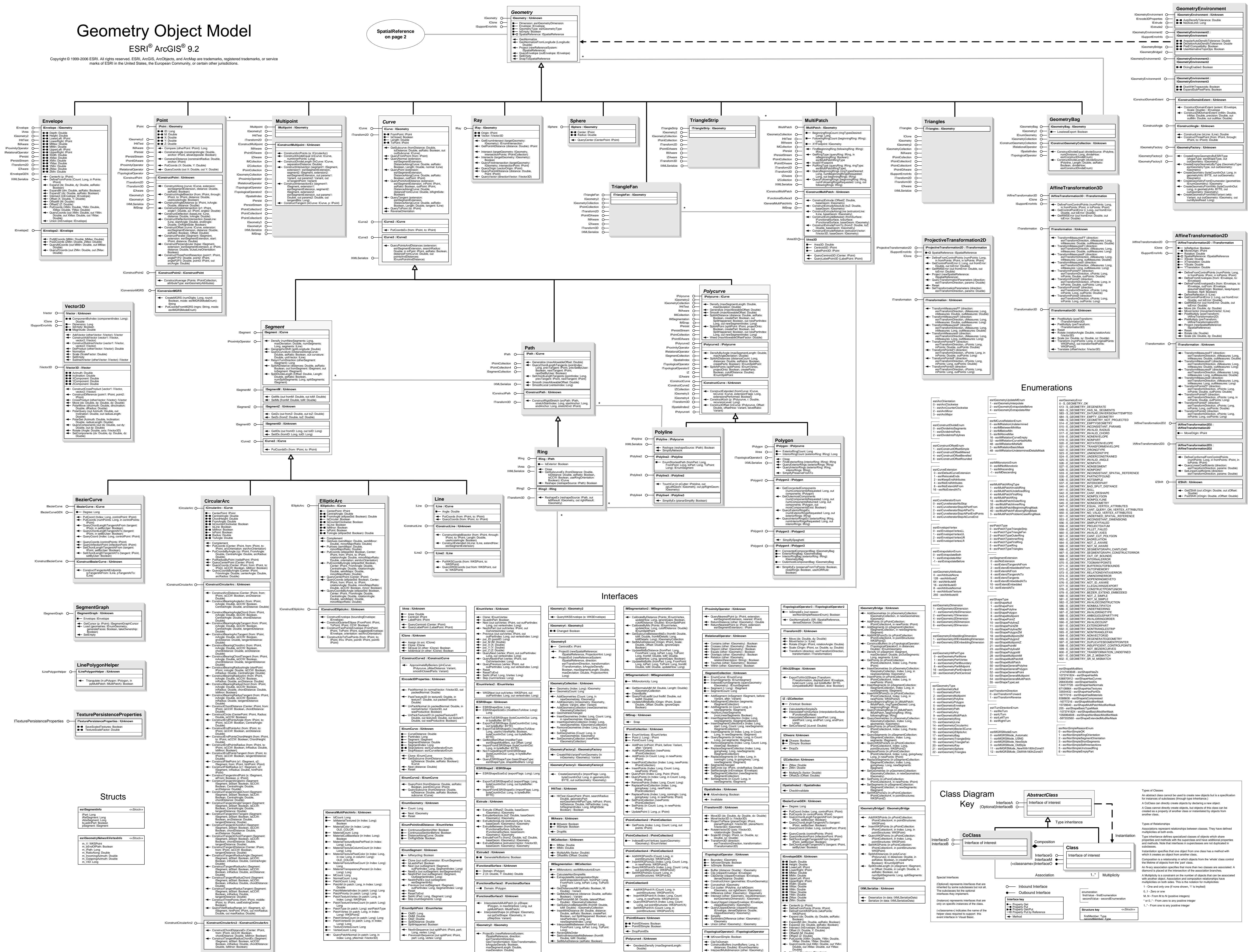


Geometry Object Model

ESRI® ArcGIS® 9.2

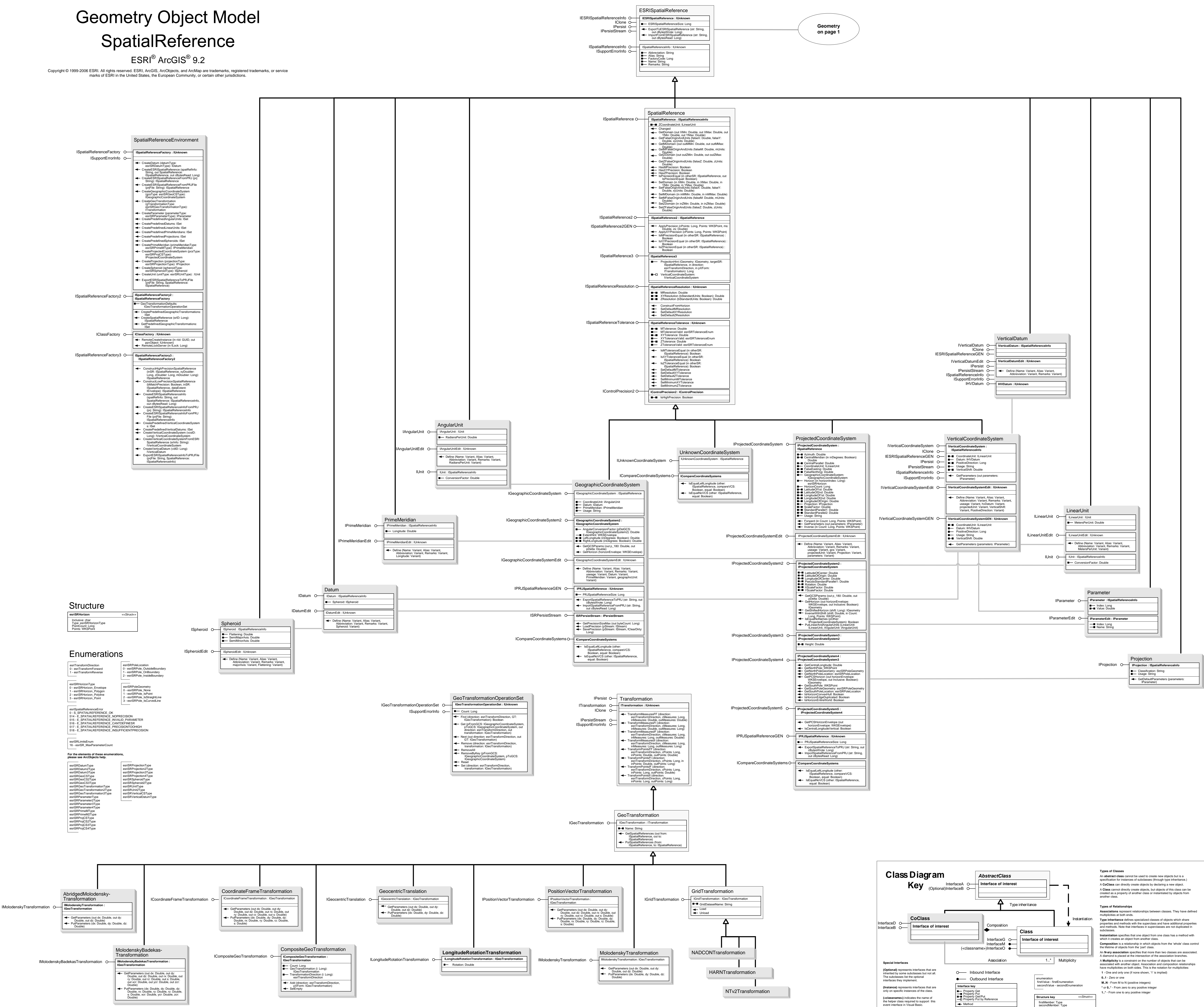
Copyright © 1999-2006 ESRI. All rights reserved. ESRI, ArcGIS, ArcObjects, and ArcMap are trademarks, registered trademarks, or service marks of ESRI in the United States, the European Community, or certain other jurisdictions.



Geometry Object Model SpatialReference

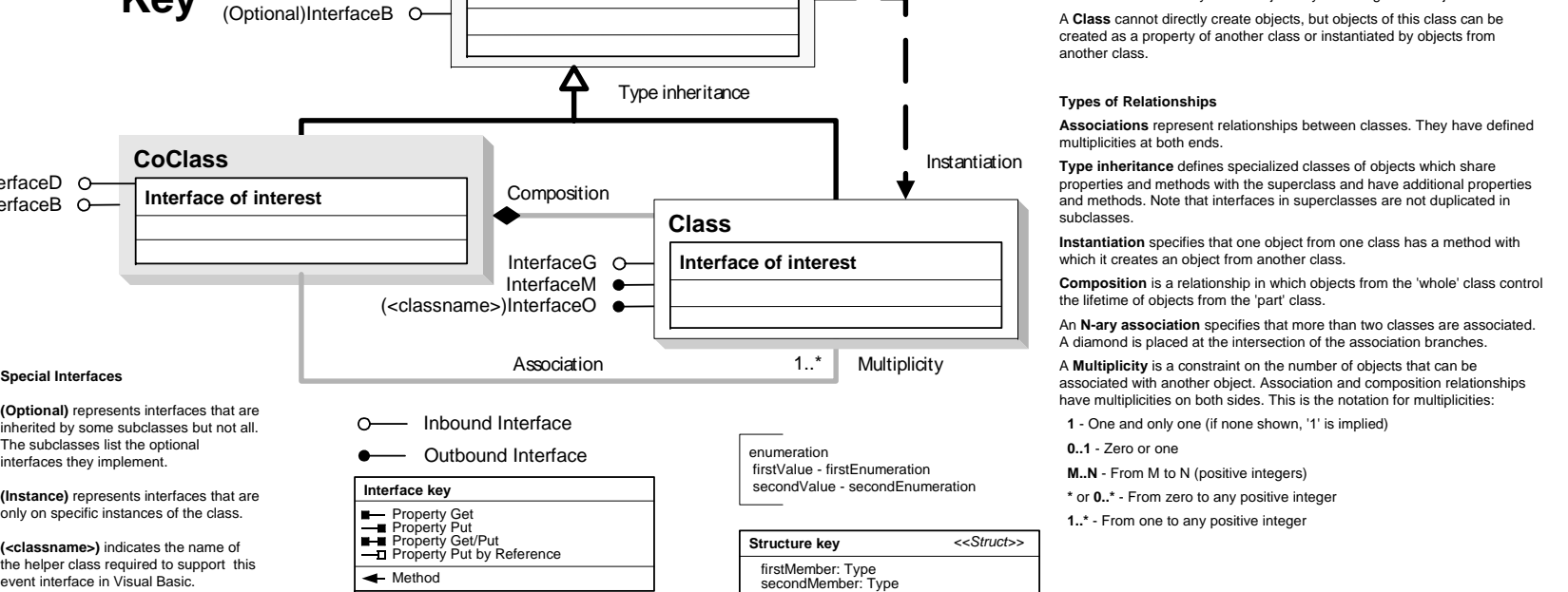
ESRI® ArcGIS® 9.2

Copyright © 1999-2006 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 other jurisdictions.



Geometry on page 1

Class Diagram Key



Types of Classes
An abstract class cannot be used to create new objects but is a specialization of interfaces or interfaces through interfaces.
A Class can directly inherit by extending a new class.
A Class cannot directly create objects, but objects of this class can be created by the property of another class or inherited by objects from another class.

Types of Relationships
Abstraction represents a relationship between classes. They define multiple inheritance in both ends.
Type inheritance defines a relationship in which one class inherits the behavior of another class.
Composition is a relationship in which objects from the whole class control the behavior of objects from the part class.
Generalization is a relationship in which one class is a specialization of another class.
Association represents a relationship between classes. This is the relationship between two objects.
One-to-one (1..1)
One-to-many (1..*)
Many-to-many (..*)
Many-to-one (..1)

Special Interfaces
Internal represents interfaces that are shared by other interfaces but not by the interface they represent.
Internal represents interfaces that are shared by other interfaces but not by the interface they represent.
Internal represents the name of the interface they represent in every interface in Visual Basic.

Other Symbols
Inbound Interface
Outbound Interface
Inheritance
Association
Multiplicity
Structure Key
Generalization