

ESRI® ArcObjects™ is the development platform for the ArcGIS™ family of applications such as ArcMap™, ArcCatalog™, and ArcScene™. The ArcObjects software components expose the full range of functionality available in ArcInfo™, ArcEditor™, and ArcView™ to software developers.

ArcObjects is the development platform for ArcGIS Desktop, a suite of GIS software systems: ArcInfo, ArcEditor, and ArcView. These systems serve GIS professionals with a spectrum of geographic data management, spatial editing, and cartographic visualization functionality. The ArcGIS Desktop systems each contain a configuration of applications, such as ArcCatalog, ArcMap, ArcToolbox™, and ArcScene, and can host a variety of extension products such as Spatial Analyst, Geostatistical Analyst, 3D Analyst™, and others. This object model diagram shows the ArcGIS subsystems and their components that coordinate all geographic data management. These are the ArcObjects components documented in volume two of Exploring ArcObjects. You will find updates to ArcObjects developer resources at www.esri.com/arcobjectsonline.

ESRI® ArcGIS 8.1 Object Model

Exploring ArcObjects • Volume 2 • Geographic data management

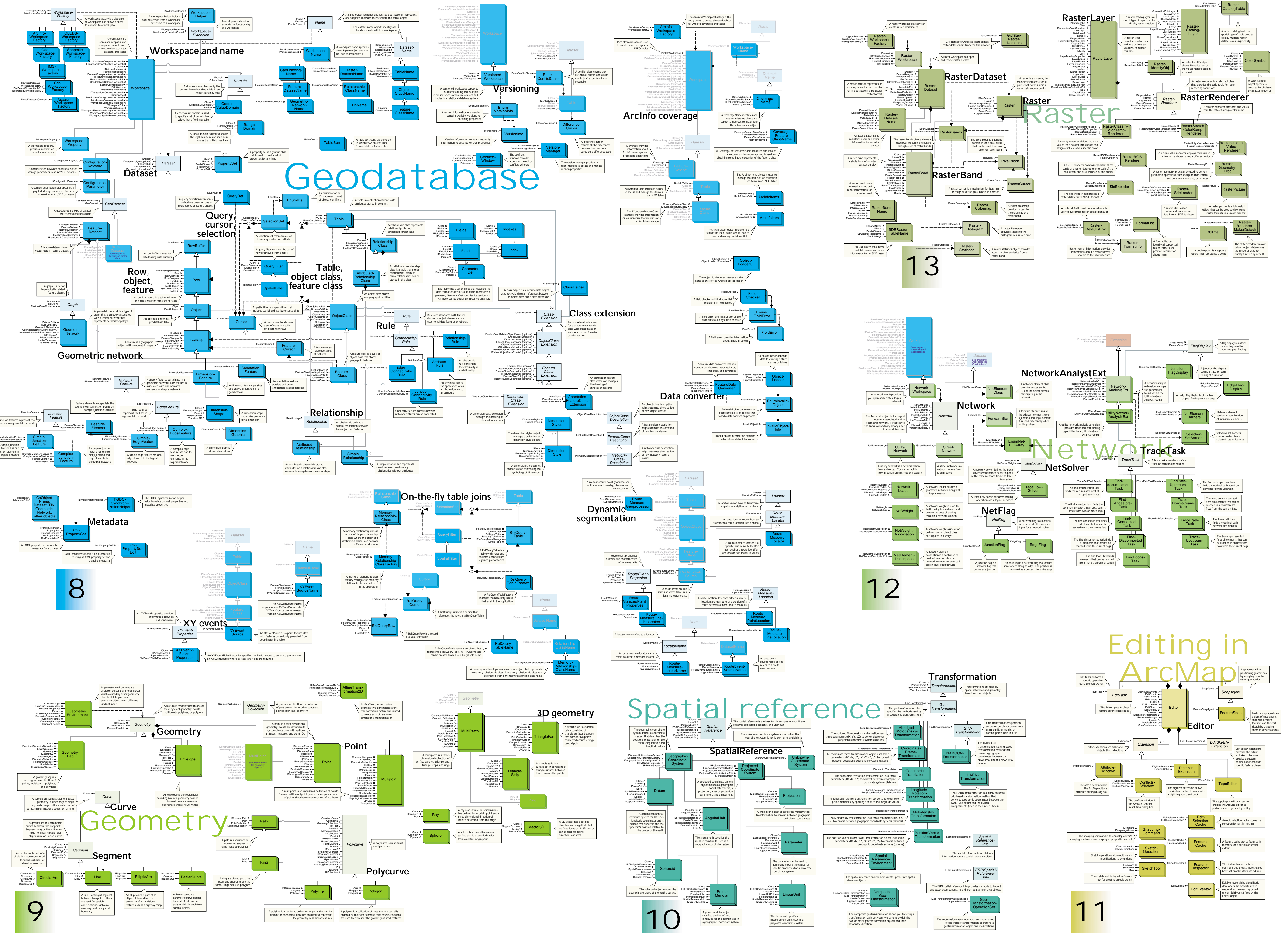
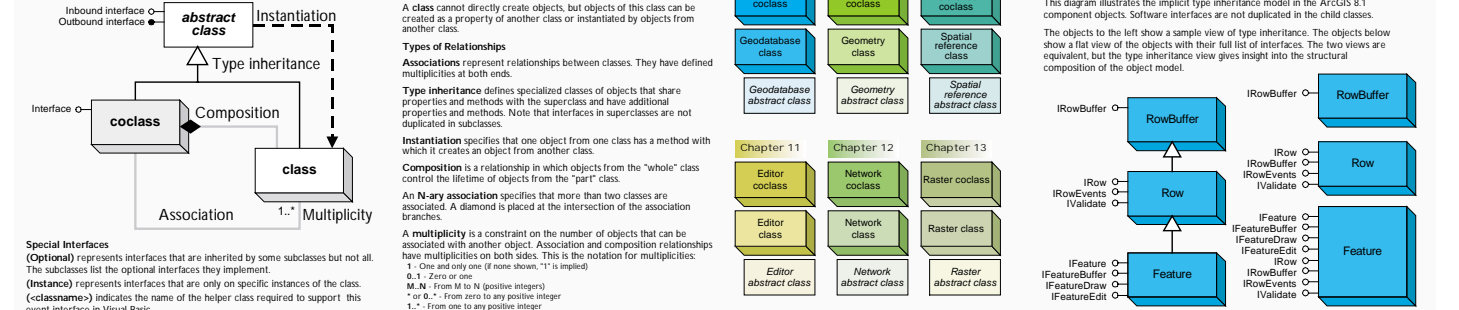


Diagram key



13

12

11

9

10

Geometry

Spatial reference

Editing in ArcMap

Curve

Segment

Line

CircleArc

BezierCurve

Path

Point

Envelope

Multipoint

Curve

Segment

Line

MultiPatch

Triangle

TriangleArc

Ray

Sphere

Polycurve

Point

Envelope

Multipoint

Curve

Segment

Line

Point

Envelope

Multipoint

Curve

Segment

Line

Point

Envelope

Multipoint

Curve

Segment

Line

Point

Envelope

Multipoint

Curve

Segment

Line