ArcGIS SpatialAnalyst Object Model

Esri® ArcGIS® 10.6

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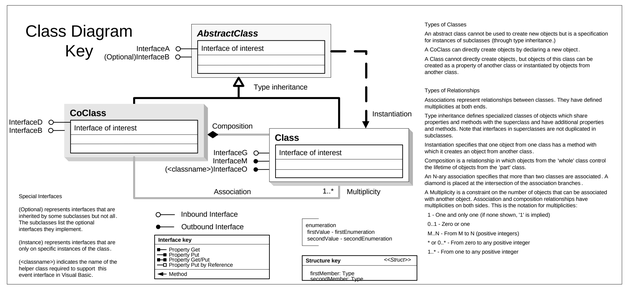

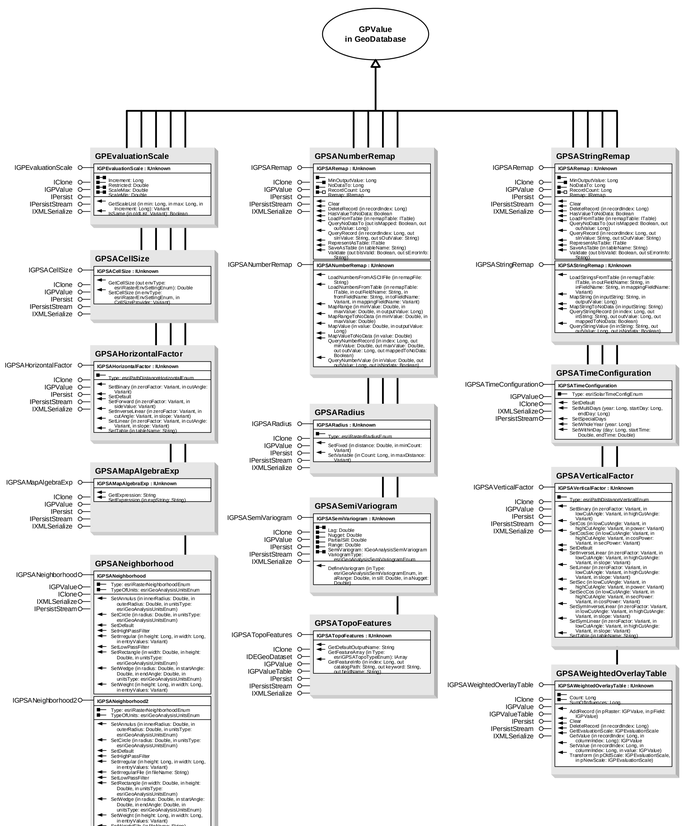

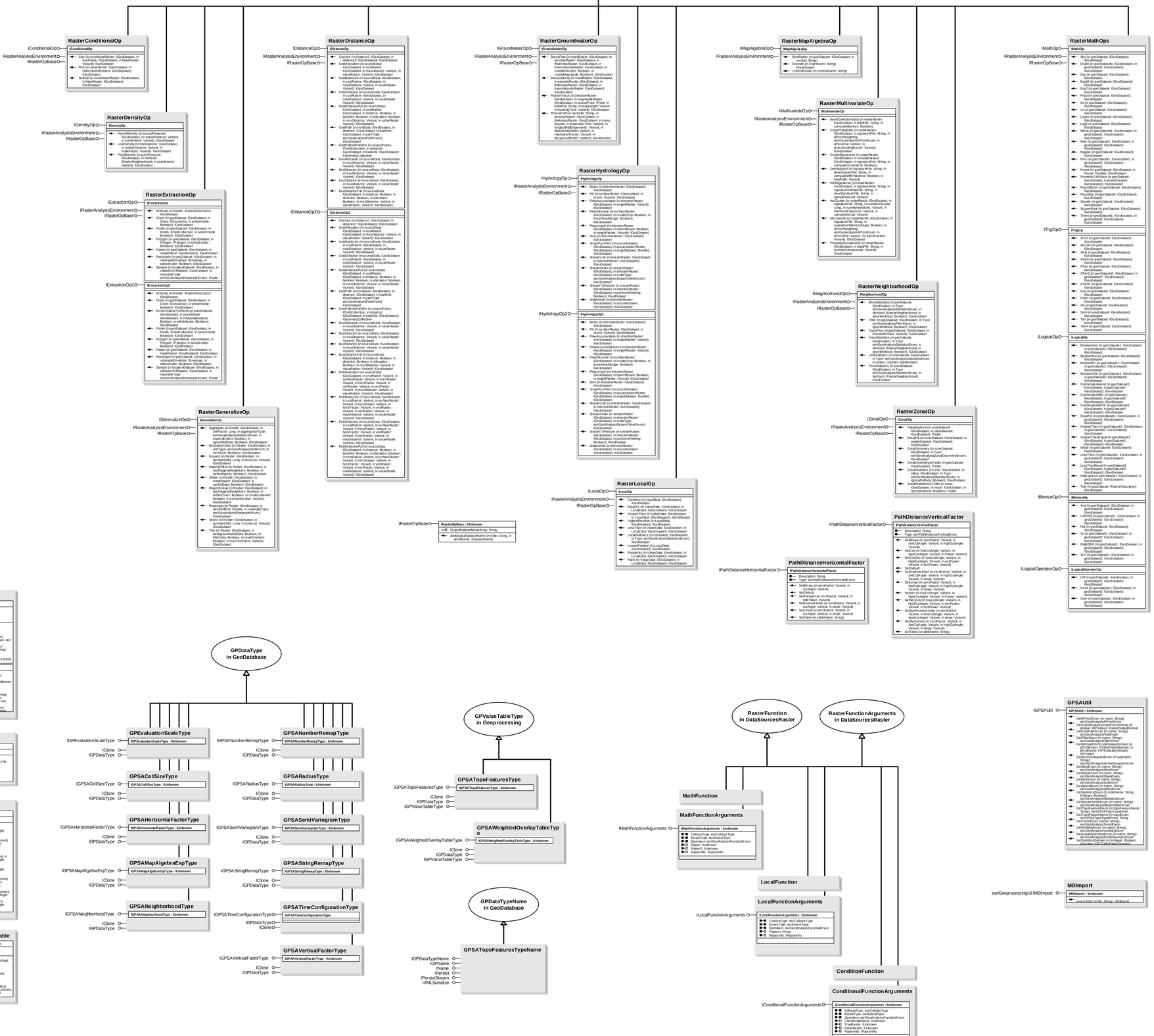

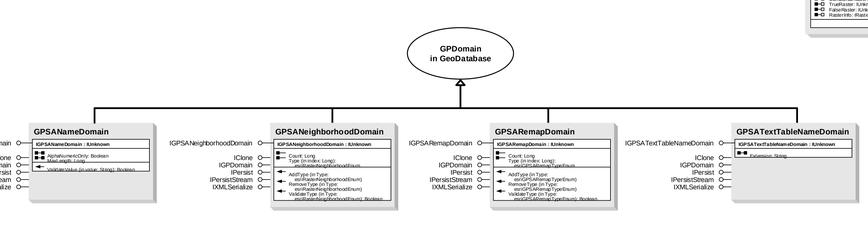

Enumerations

esriGeoAnalysisAhpPriorityEnum
1 - esriGeoAnalysisAhpPriorityEqual
2 - esriGeoAnalysisAhpPriorityEqualSample
3 - esriGeoAnalysisAhpPriorityBetweenSingle

esriGeoAnalysisAreaUnitsEnum
1 - esriGeoAnalysisAreaSquareMagnUnits
2 - esriGeoAnalysisAreaSquareMiles
3 - esriGeoAnalysisAreaSquareKilometers
4 - esriGeoAnalysisAreaAcres
5 - esriGeoAnalysisAreaHectares
6 - esriGeoAnalysisAreaSquareYards
7 - esriGeoAnalysisAreaSquareFeet
8 - esriGeoAnalysisAreaSquareInches
9 - esriGeoAnalysisAreaSquareMeters
10 - esriGeoAnalysisAreaSquareCentimeters
11 - esriGeoAnalysisAreaSquareMillimeters

esriGeoAnalysisPathEnum
1 - esriGeoAnalysisPathForEachCell
2 - esriGeoAnalysisPathFirstEachZone
3 - esriGeoAnalysisPathBestSingle

esriGeoAnalysisSortEnum
1 - esriGeoAnalysisSortNone
2 - esriGeoAnalysisSortDescending
3 - esriGeoAnalysisSortAscending

esriGeoAnalysisStreamOrderEnum
1 - esriGeoAnalysisStreamOrderStarter
2 - esriGeoAnalysisStreamOrderShreve

esriPathDistanceHorizontalBetEnum
0 - esriPathDistanceHorizontalInvalid
1 - esriPathDistanceHorizontalBetween
2 - esriPathDistanceHorizontalForward
3 - esriPathDistanceHorizontalLinear
4 - esriPathDistanceHorizontalReverseLinear
5 - esriPathDistanceHorizontalTable

esriGeoAnalysisZonalGeometryEnum
1 - esriGeoAnalysisZonalGeometryAreas
2 - esriGeoAnalysisZonalGeometryPerimeter
3 - esriGeoAnalysisZonalGeometryThickness
4 - esriGeoAnalysisZonalGeometryCentroid

esriGeoAnalysisNeighborhoodFactEnum
1 - esriGeoAnalysisNeighborhoodFactFullContents
2 - esriGeoAnalysisNeighborhoodFactForGridEngine

esriPathDistanceVerticalEnum
0 - esriPathDistanceVerticalInvalid
1 - esriPathDistanceVerticalBetween
2 - esriPathDistanceVerticalLinear
3 - esriPathDistanceVerticalReverseLinear
4 - esriPathDistanceVerticalTable
5 - esriPathDistanceVerticalSymLinear
6 - esriPathDistanceVerticalSymReverseLinear
7 - esriPathDistanceVerticalCos
8 - esriPathDistanceVerticalSin
9 - esriPathDistanceVerticalCosSec
10 - esriPathDistanceVerticalSecCos

esriPathDistanceVerticalCutEnum
0 - esriPathDistanceVerticalCutInvalid
1 - esriPathDistanceVerticalCutAbove
2 - esriPathDistanceVerticalCutBelow

esriRasterRadiusEnum
1 - esriRasterRadiusFixed
2 - esriRasterRadiusVariable

esriGISRemapTypeEnum
1 - esriGISARemapNumber
2 - esriGISARemapString
3 - esriGISARemapNone

esriGISRemapTypeEnum
1 - esriGISATopoPointElevation
2 - esriGISATopoPolygon
3 - esriGISATopoLine
4 - esriGISATopoStream
5 - esriGISATopoBoundary
6 - esriGISATopoLake

esriGeoAnalysisFunctionEnum
1 - esriGeoAnalysisFunctionPlus
2 - esriGeoAnalysisFunctionMinus
3 - esriGeoAnalysisFunctionTimes
4 - esriGeoAnalysisFunctionSquareRoot
5 - esriGeoAnalysisFunctionPower
6 - esriGeoAnalysisFunctionLn
7 - esriGeoAnalysisFunctionExp
8 - esriGeoAnalysisFunctionAbsTan
9 - esriGeoAnalysisFunctionAbsTanH
10 - esriGeoAnalysisFunctionAbs
11 - esriGeoAnalysisFunctionBetweenAnd
12 - esriGeoAnalysisFunctionBetweenLtEqAnd
13 - esriGeoAnalysisFunctionBetweenNot
14 - esriGeoAnalysisFunctionBetweenOr
15 - esriGeoAnalysisFunctionBetweenRightSinglt
16 - esriGeoAnalysisFunctionBetweenXOr
17 - esriGeoAnalysisFunctionBooleanAnd
18 - esriGeoAnalysisFunctionBooleanNot
19 - esriGeoAnalysisFunctionBooleanOr
20 - esriGeoAnalysisFunctionBooleanXOr
21 - esriGeoAnalysisFunctionCos
22 - esriGeoAnalysisFunctionCosH
23 - esriGeoAnalysisFunctionDivide
24 - esriGeoAnalysisFunctionEqualTo
25 - esriGeoAnalysisFunctionExp
26 - esriGeoAnalysisFunctionExp10
27 - esriGeoAnalysisFunctionExp2
28 - esriGeoAnalysisFunctionGreaterThan
29 - esriGeoAnalysisFunctionGreaterThanEqual
30 - esriGeoAnalysisFunctionIsNull
31 - esriGeoAnalysisFunctionLnNull
32 - esriGeoAnalysisFunctionFloat
33 - esriGeoAnalysisFunctionLessThan
34 - esriGeoAnalysisFunctionLessThanEqual
35 - esriGeoAnalysisFunctionLn
36 - esriGeoAnalysisFunctionLog10
37 - esriGeoAnalysisFunctionLog2
38 - esriGeoAnalysisFunctionMajority
39 - esriGeoAnalysisFunctionMax
40 - esriGeoAnalysisFunctionMean
41 - esriGeoAnalysisFunctionMed
42 - esriGeoAnalysisFunctionMin
43 - esriGeoAnalysisFunctionMinority
44 - esriGeoAnalysisFunctionMod
45 - esriGeoAnalysisFunctionNegate
46 - esriGeoAnalysisFunctionNotEqual
47 - esriGeoAnalysisFunctionRange
48 - esriGeoAnalysisFunctionRoundDown
49 - esriGeoAnalysisFunctionRoundUp
50 - esriGeoAnalysisFunctionSetNull
51 - esriGeoAnalysisFunctionSin
52 - esriGeoAnalysisFunctionSinH
53 - esriGeoAnalysisFunctionSquare
54 - esriGeoAnalysisFunctionSqrt
55 - esriGeoAnalysisFunctionSubtract
56 - esriGeoAnalysisFunctionTan
57 - esriGeoAnalysisFunctionTanH
58 - esriGeoAnalysisFunctionVariety
59 - esriGeoAnalysisFunctionXCosH
60 - esriGeoAnalysisFunctionXSinH
61 - esriGeoAnalysisFunctionXTanH
62 - esriGeoAnalysisFunctionZonalAreaOfRange
63 - esriGeoAnalysisFunctionZonalCentroidOfRange
64 - esriGeoAnalysisFunctionZonalMajorityIgnoreNoData
65 - esriGeoAnalysisFunctionZonalMajorityIgnoreNoDataOrZero
66 - esriGeoAnalysisFunctionZonalMajorityNoDataIsZero
67 - esriGeoAnalysisFunctionZonalMajorityOrZero
68 - esriGeoAnalysisFunctionZonalMajorityIgnoreNoData
69 - esriGeoAnalysisFunctionZonalMinorityIgnoreNoData
70 - esriGeoAnalysisFunctionZonalMinorityIgnoreNoDataOrZero
71 - esriGeoAnalysisFunctionZonalMinorityNoDataIsZero
72 - esriGeoAnalysisFunctionZonalMinorityOrZero
73 - esriGeoAnalysisFunctionZonalPercentileIgnoreNoData
74 - esriGeoAnalysisFunctionZonalRangeIgnoreNoData
75 - esriGeoAnalysisFunctionZonalVarietyIgnoreNoData
76 - esriGeoAnalysisFunctionCon