ArcGIS SpatialAnalyst Object Model

Esri® ArcGIS® 10.8

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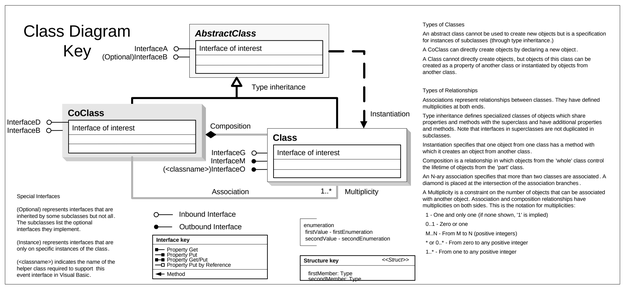

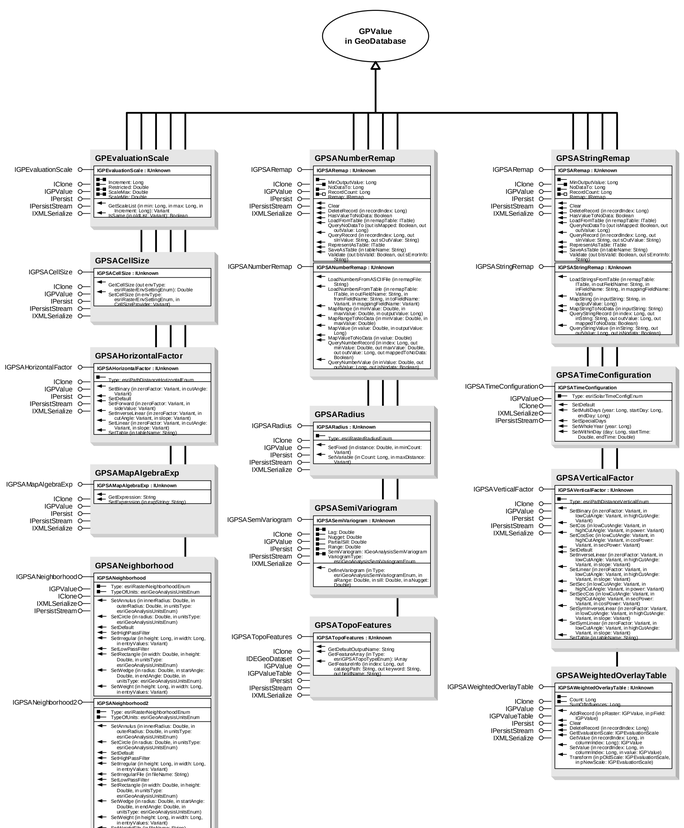

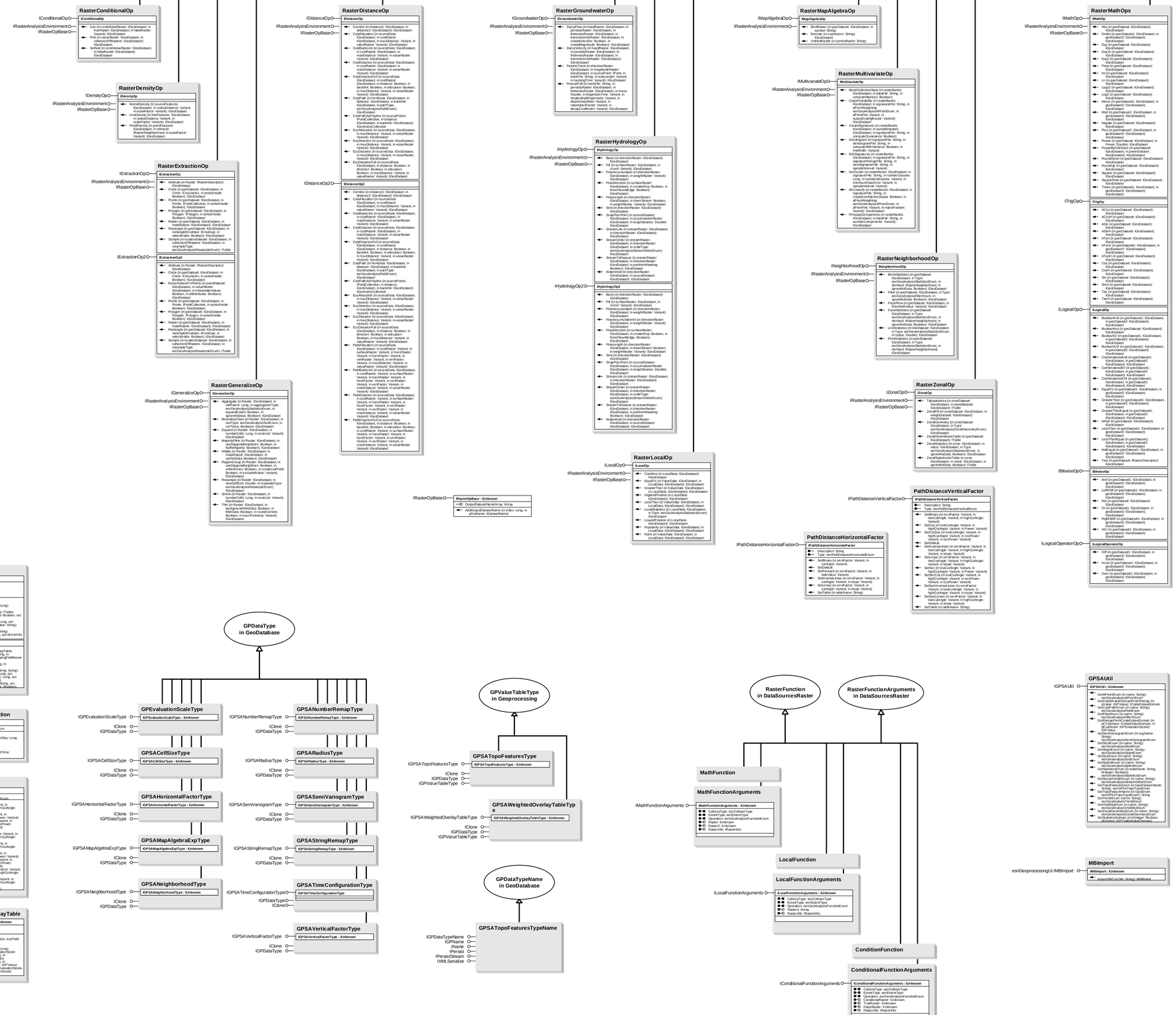

Enumerations

esriGeoAnalysisAllInfoEnum
1 - esriGeoAnalysisAllPointEqual
2 - esriGeoAnalysisAllPointEqualZone
3 - esriGeoAnalysisAllPointEqualSingle

esriGeoAnalysisVectorInfoEnum
1 - esriGeoAnalysisVectorSquareMapUnits
2 - esriGeoAnalysisVectorSquareMiles
3 - esriGeoAnalysisVectorSquareKilometers
4 - esriGeoAnalysisVectorAcres
5 - esriGeoAnalysisVectorHectares
6 - esriGeoAnalysisVectorSquareYards
7 - esriGeoAnalysisVectorSquareFeet
8 - esriGeoAnalysisVectorSquareInches
9 - esriGeoAnalysisVectorSquareMeters
10 - esriGeoAnalysisVectorSquareCentimeters
11 - esriGeoAnalysisVectorSquareMillimeters

esriGeoAnalysisPointEnum
1 - esriGeoAnalysisPointFirstLastOnE
2 - esriGeoAnalysisPointFirstLastInZone
3 - esriGeoAnalysisPointBestSingle

esriGeoAnalysisSortEnum
1 - esriGeoAnalysisSortNone
2 - esriGeoAnalysisSortDescending
3 - esriGeoAnalysisSortAscending

esriGeoAnalysisStreamOrderEnum
1 - esriGeoAnalysisStreamOrderStarter
2 - esriGeoAnalysisStreamOrderShreve

esriPathDistanceHorizontalBeEnum
0 - esriPathDistanceHorizontalInvalid
1 - esriPathDistanceHorizontalBinary
2 - esriPathDistanceHorizontalForward
3 - esriPathDistanceHorizontalLinear
4 - esriPathDistanceHorizontalInverseLinear
5 - esriPathDistanceHorizontalTable

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

esriGeoAnalysisNeighborhoodFieldEnum
1 - esriGeoAnalysisNeighborhoodFieldContents
2 - esriGeoAnalysisNeighborhoodFieldGridEngine

esriPathDistanceVerticalEnum
0 - esriPathDistanceVerticalInvalid
1 - esriPathDistanceVerticalBinary
2 - esriPathDistanceVerticalLinear
3 - esriPathDistanceVerticalInverseLinear
4 - esriPathDistanceVerticalTable
5 - esriPathDistanceVerticalSymLinear
6 - esriPathDistanceVerticalSymInverseLinear
7 - esriPathDistanceVerticalCos
8 - esriPathDistanceVerticalSin
9 - esriPathDistanceVerticalCosSec
10 - esriPathDistanceVerticalSecCos

esriGeoAnalysisTypeEnum
1 - esriGeoAnalysisTopoPointElevation
2 - esriGeoAnalysisTopoLine
3 - esriGeoAnalysisTopoCover
4 - esriGeoAnalysisTopoDistance
5 - esriGeoAnalysisTopoAccuracy
6 - esriGeoAnalysisTopoLake

esriRasterRadiusEnum
1 - esriRasterRadiusFixed
2 - esriRasterRadiusVariable

esriGeoAnalysisRemapTypeEnum
1 - esriGeoAnalysisRemapNumber
2 - esriGeoAnalysisRemapString
3 - esriGeoAnalysisRemapNone

esriGeoAnalysisFunctionEnum
1 - esriGeoAnalysisFunctionPlus
2 - esriGeoAnalysisFunctionMinus
3 - esriGeoAnalysisFunctionTimes
4 - esriGeoAnalysisFunctionSquareRoot
5 - esriGeoAnalysisFunctionPower
6 - esriGeoAnalysisFunctionLn
7 - esriGeoAnalysisFunctionLog10
8 - esriGeoAnalysisFunctionAbs
9 - esriGeoAnalysisFunctionTanH
10 - esriGeoAnalysisFunctionAcos
11 - esriGeoAnalysisFunctionBitwiseAnd
12 - esriGeoAnalysisFunctionBitwiseLeftShift
13 - esriGeoAnalysisFunctionBitwiseNot
14 - esriGeoAnalysisFunctionBitwiseOr
15 - esriGeoAnalysisFunctionBitwiseRightShift
16 - esriGeoAnalysisFunctionBitwiseXOr
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 - esriGeoAnalysisFunctionStddev
56 - esriGeoAnalysisFunctionSum
57 - esriGeoAnalysisFunctionTanH
58 - esriGeoAnalysisFunctionVariety
59 - esriGeoAnalysisFunctionXCosH
60 - esriGeoAnalysisFunctionXSinH
61 - esriGeoAnalysisFunctionXTanH
62 - esriGeoAnalysisFunctionZonalAll
63 - esriGeoAnalysisFunctionZonalMajority
64 - esriGeoAnalysisFunctionZonalMax
65 - esriGeoAnalysisFunctionZonalMaxIndex
66 - esriGeoAnalysisFunctionZonalMean
67 - esriGeoAnalysisFunctionZonalMin
68 - esriGeoAnalysisFunctionZonalMinIndex
69 - esriGeoAnalysisFunctionZonalMinority
70 - esriGeoAnalysisFunctionZonalMinorityIndex
71 - esriGeoAnalysisFunctionZonalPercentile
72 - esriGeoAnalysisFunctionZonalPercentileIndex
73 - esriGeoAnalysisFunctionZonalRange
74 - esriGeoAnalysisFunctionZonalSum
75 - esriGeoAnalysisFunctionZonalVariety
76 - esriGeoAnalysisFunctionCon