ArcGIS SpatialAnalyst Object Model

Esri® ArcGIS® 10.5

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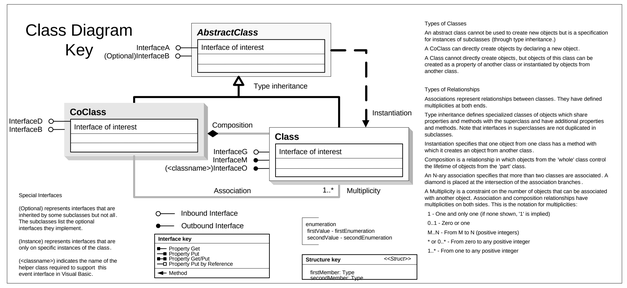

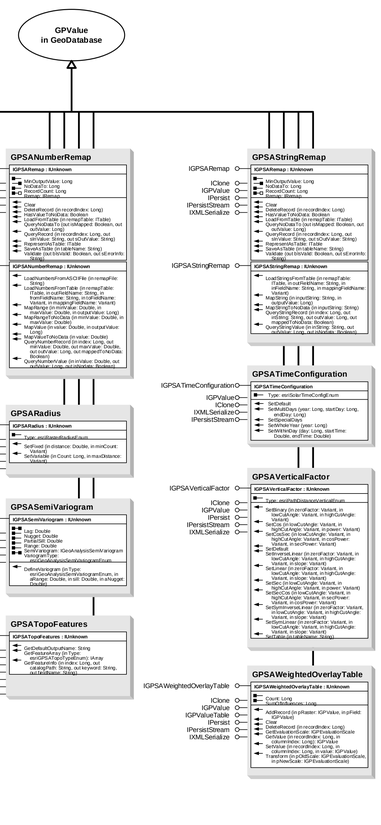

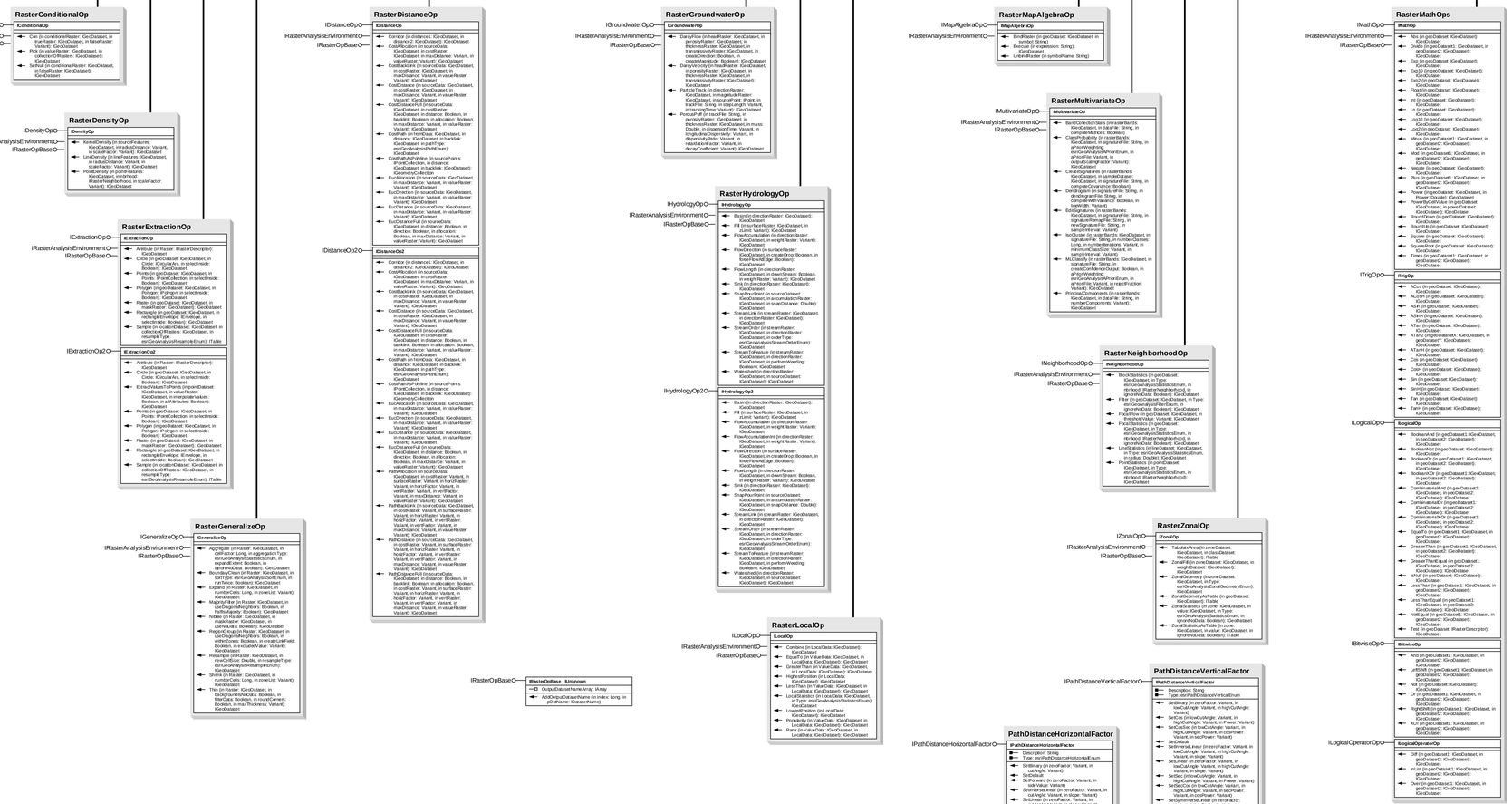

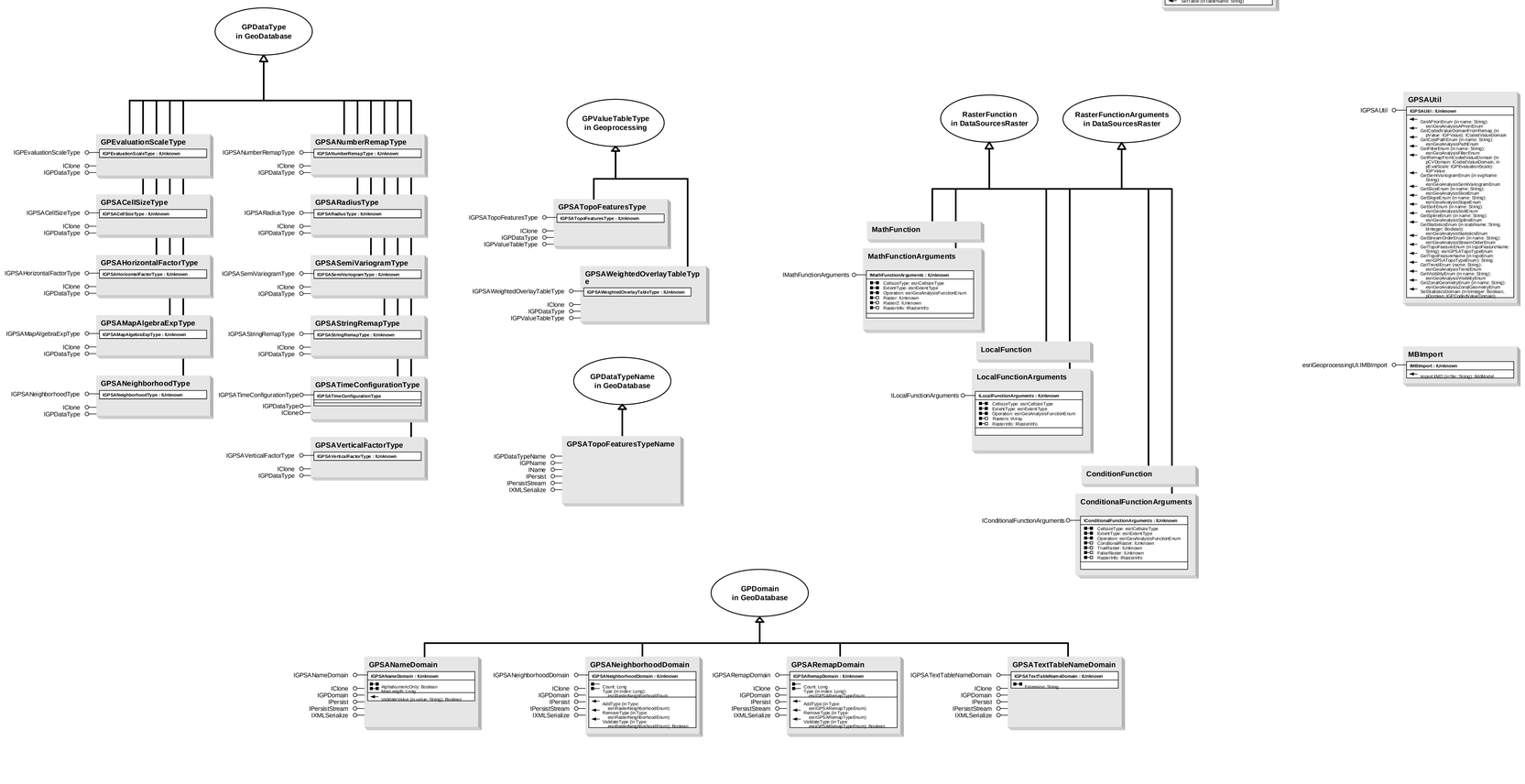

Enumerations

esriGeoAnalysisFocalEnum
1 - esriGeoAnalysisFocalSquare
2 - esriGeoAnalysisFocalCircle
3 - esriGeoAnalysisFocalAnnulus
4 - esriGeoAnalysisFocalWedge

esriGeoAnalysisFunctionEnum
1 - esriGeoAnalysisFunctionPlus
2 - esriGeoAnalysisFunctionMinus
3 - esriGeoAnalysisFunctionTimes
4 - esriGeoAnalysisFunctionSquareRoot
5 - esriGeoAnalysisFunctionPower
6 - esriGeoAnalysisFunctionLn
7 - esriGeoAnalysisFunctionSin
8 - esriGeoAnalysisFunctionATan
9 - esriGeoAnalysisFunctionATan2
10 - esriGeoAnalysisFunctionAtn
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 - esriGeoAnalysisFunctionEqual
25 - esriGeoAnalysisFunctionExp
26 - esriGeoAnalysisFunctionExp10
27 - esriGeoAnalysisFunctionExp2
28 - esriGeoAnalysisFunctionGreaterThan
29 - esriGeoAnalysisFunctionGreaterThanEqual
30 - esriGeoAnalysisFunctionIDiv
31 - esriGeoAnalysisFunctionIMod
32 - esriGeoAnalysisFunctionFloat
33 - esriGeoAnalysisFunctionLessThan
34 - esriGeoAnalysisFunctionLessThanEqual
35 - esriGeoAnalysisFunctionLn
36 - esriGeoAnalysisFunctionLog10
37 - esriGeoAnalysisFunctionLog2
38 - esriGeoAnalysisFunctionMajority
39 - esriGeoAnalysisFunctionMax
40 - esriGeoAnalysisFunctionMean
41 - esriGeoAnalysisFunctionMid
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 - esriGeoAnalysisFunctionStandard
56 - esriGeoAnalysisFunctionSum
57 - esriGeoAnalysisFunctionTanH
58 - esriGeoAnalysisFunctionTurnery
59 - esriGeoAnalysisFunctionXorCosH
60 - esriGeoAnalysisFunctionXorSin
61 - esriGeoAnalysisFunctionXorSinH
62 - esriGeoAnalysisFunctionXorTanH
63 - esriGeoAnalysisFunctionXorTan
64 - esriGeoAnalysisFunctionMajorityIgnoreNoData
65 - esriGeoAnalysisFunctionMinorityIgnoreNoData
66 - esriGeoAnalysisFunctionMeanIgnoreNoData
67 - esriGeoAnalysisFunctionMedianIgnoreNoData
68 - esriGeoAnalysisFunctionMinIgnoreNoData
69 - esriGeoAnalysisFunctionMaxIgnoreNoData
70 - esriGeoAnalysisFunctionMinorityIgnoreNoData
71 - esriGeoAnalysisFunctionMajorityIgnoreNoData
72 - esriGeoAnalysisFunctionVarietyIgnoreNoData
73 - esriGeoAnalysisFunctionSumIgnoreNoData
74 - esriGeoAnalysisFunctionStdIgnoreNoData
75 - esriGeoAnalysisFunctionVarietyIgnoreNoData
76 - esriGeoAnalysisFunctionXorCos

esriGeoAnalysisPathEnum
1 - esriGeoAnalysisPathFullLatCost
2 - esriGeoAnalysisPathBestZone
3 - esriGeoAnalysisPathBestSingle

esriGeoAnalysisSortEnum
1 - esriGeoAnalysisSortNone
2 - esriGeoAnalysisSortDescending
3 - esriGeoAnalysisSortAscending

esriGeoAnalysisStreamOrderEnum
1 - esriGeoAnalysisStreamOrderStrahler
2 - esriGeoAnalysisStreamOrderShreve

esriPathDistanceHorizontalEnum
0 - esriPathDistanceHorizontalInvalid
1 - esriPathDistanceHorizontalBackward
2 - esriPathDistanceHorizontalForward
3 - esriPathDistanceHorizontalLinear
4 - esriPathDistanceHorizontalHarmonicLinear
5 - esriPathDistanceHorizontalTable

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

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

esriGPSAStatTypeEnum
1 - esriGPSATopFeatureElevation
2 - esriGPSATopSlope
3 - esriGPSATopCurve
4 - esriGPSATopoStream
5 - esriGPSATopoBoundary
6 - esriGPSATopoLake

esriRasterRadiusEnum
1 - esriRasterRadiusFixed
2 - esriRasterRadiusVariable

esriGPSARemapTypeEnum
1 - esriGPSARemapNumber
2 - esriGPSARemapString
3 - esriGPSARemapNone

esriGPSANeighborhoodTextEnum
1 - esriGPSANeighborhoodTextFullContents
2 - esriGPSANeighborhoodTextForGridEngine