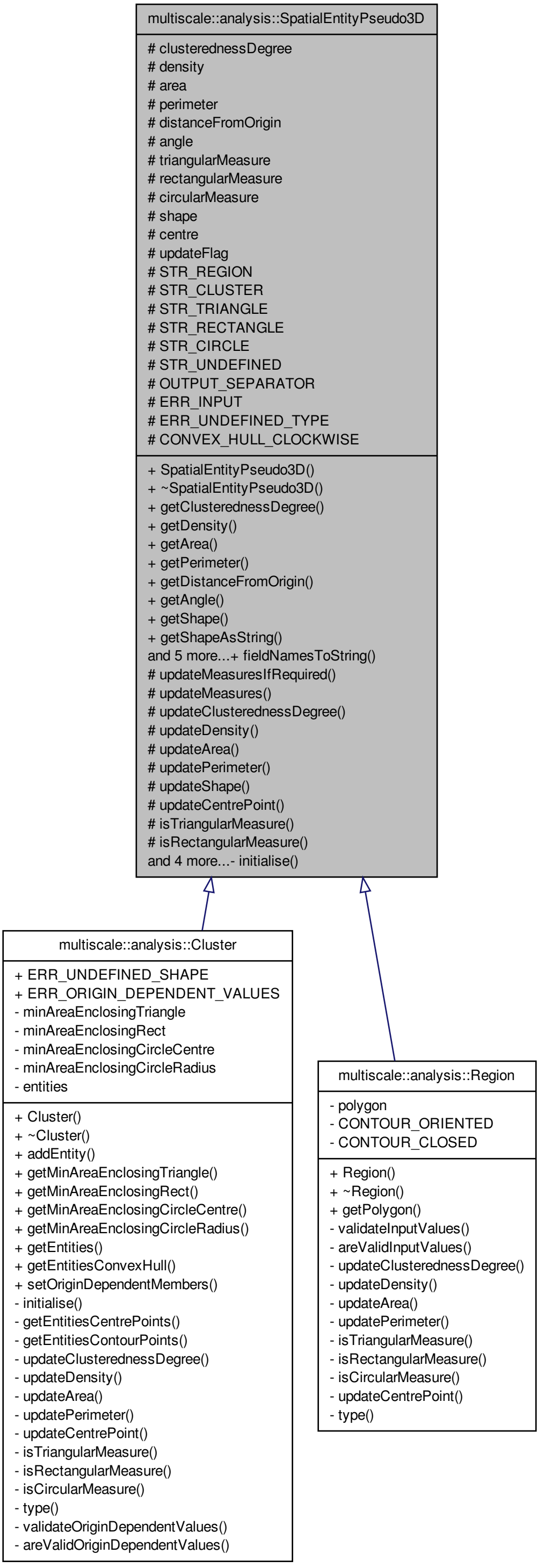
multiscale::analysis::SpatialEntityPseudo3D
clusterednessDegree
density
area
perimeter
distanceFromOrigin
angle
triangularMeasure
rectangularMeasure
circularMeasure
shape
centre
updateFlag
STR_REGION
STR_CLUSTER
STR_TRIANGLE
STR_RECTANGLE
STR_CIRCLE
STR_UNDEFINED
OUTPUT_SEPARATOR
ERR_INPUT
ERR_UNDEFINED_TYPE
CONVEX_HULL_CLOCKWISE
+ SpatialEntityPseudo3D()
+ ~SpatialEntityPseudo3D()
+ getClusterednessDegree()
+ getDensity()
+ getArea()
+ getPerimeter()
+ getDistanceFromOrigin()
+ getAngle()
+ getShape()
+ getShapeAsString()
and 5 more...+ fieldNamesToString()
updateMeasuresIfRequired()
updateMeasures()
updateClusterednessDegree()
updateDensity()
updateArea()
updatePerimeter()
updateShape()
updateCentrePoint()
isTriangularMeasure()
isRectangularMeasure()
and 4 more...- initialise()
multiscale::analysis::Cluster
+ ERR_UNDEFINED_SHAPE
+ ERR_ORIGIN_DEPENDENT_VALUES
- minAreaEnclosingTriangle
- minAreaEnclosingRect
- minAreaEnclosingCircleCentre
- minAreaEnclosingCircleRadius
- entities
+ Cluster()
+ ~Cluster()
+ addEntity()
+ getMinAreaEnclosingTriangle()
+ getMinAreaEnclosingRect()
+ getMinAreaEnclosingCircleCentre()
+ getMinAreaEnclosingCircleRadius()
+ getEntities()
+ getEntitiesConvexHull()
+ setOriginDependentMembers()
- initialise()
- getEntitiesCentrePoints()
- getEntitiesContourPoints()
- updateClusterednessDegree()
- updateDensity()
- updateArea()
- updatePerimeter()
- updateCentrePoint()
- isTriangularMeasure()
- isRectangularMeasure()
- isCircularMeasure()
- type()
- validateOriginDependentValues()
- areValidOriginDependentValues()
multiscale::analysis::Region
- polygon
- CONTOUR_ORIENTED
- CONTOUR_CLOSED
+ Region()
+ ~Region()
+ getPolygon()
- validateInputValues()
- areValidInputValues()
- updateClusterednessDegree()
- updateDensity()
- updateArea()
- updatePerimeter()
- isTriangularMeasure()
- isRectangularMeasure()
- isCircularMeasure()
- updateCentrePoint()
- type()