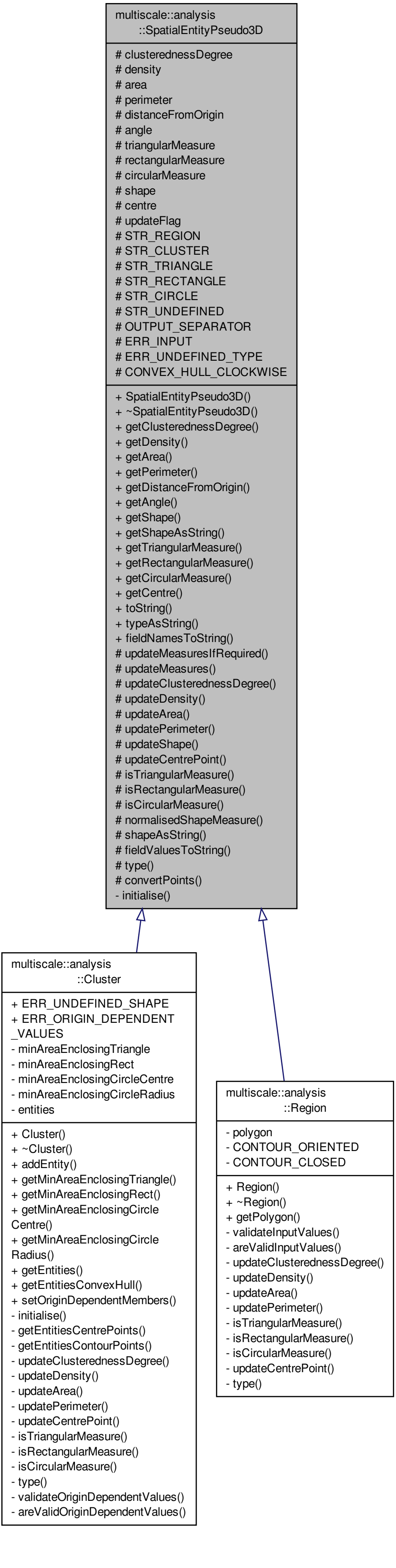
multiscale::analysis
::SpatialEntityPseudo3D
clusterednessDegree
density
area
perimeter
distanceFromOrigin
angle
triangularMeasure
rectangularMeasure
circularMeasure
shape
centre
updateFlag
STR_REGION
STR_CLUSTER
STR_TRIANGLE
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STR_CIRCLE
STR_UNDEFINED
OUTPUT_SEPARATOR
ERR_INPUT
ERR_UNDEFINED_TYPE
CONVEX_HULL_CLOCKWISE
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+ ~SpatialEntityPseudo3D()
+ getClusterednessDegree()
+ getDensity()
+ getArea()
+ getPerimeter()
+ getDistanceFromOrigin()
+ getAngle()
+ getShape()
+ getShapeAsString()
+ getTriangularMeasure()
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+ getCircularMeasure()
+ getCentre()
+ toString()
+ typeAsString()
+ fieldNamesToString()
# updateMeasuresIfRequired()
# updateMeasures()
# updateClusterednessDegree()
# updateDensity()
# updateArea()
# updatePerimeter()
# updateShape()
# updateCentrePoint()
# isTriangularMeasure()
# isRectangularMeasure()
# isCircularMeasure()
# normalisedShapeMeasure()
# shapeAsString()
# fieldValuesToString()
# type()
# convertPoints()
- initialise()
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+ ERR_ORIGIN_DEPENDENT
_VALUES
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- minAreaEnclosingRect
- minAreaEnclosingCircleCentre
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- entities
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+ ~Cluster()
+ addEntity()
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+ getMinAreaEnclosingCircle
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- getEntitiesCentrePoints()
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- updatePerimeter()
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- isRectangularMeasure()
- isCircularMeasure()
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- validateOriginDependentValues()
- areValidOriginDependentValues()
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- polygon
- CONTOUR_ORIENTED
- CONTOUR_CLOSED
+ Region()
+ ~Region()
+ getPolygon()
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- areValidInputValues()
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- isRectangularMeasure()
- isCircularMeasure()
- updateCentrePoint()
- type()