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 5 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()