```
multiscale::analysis
      ::SpatialCollection2D
# area
# perimeter
# triangularMeasure
# rectangularMeasure
# circularMeasure
# shape
# centre
# updateFlag
+ SpatialCollection2D()
+ ~SpatialCollection2D()
+ getArea()
+ getPerimeter()
+ getShape()
+ getCentre()
+ toString()
# updateMeasuresIfRequired()
# updateMeasures()
# updateSpatialCollectionSpecific
Values()
# updateArea()
# updatePerimeter()
# updateShape()
# updateCentrePoint()
# isTriangularMeasure()
# isRectangularMeasure()
# isCircularMeasure()
# shapeAsString()
# fieldValuesToString()
# convertPoints()
initialise()
multiscale::analysis
             ::Cluster

    clusterednessDegree

    pileUpDegree

    minAreaEnclosingTriangle

    minAreaEnclosingRect

    minAreaEnclosingCircleCentre

    minAreaEnclosingCircleRadius

    entities

+ Cluster()
+ ~Cluster()
+ addEntity()
+ getClusterednessDegree()
+ getPileUpDegree()
+ getMinAreaEnclosingTriangle()
+ getMinAreaEnclosingRect()

    getMinAreaEnclosingCircle

Centre()
+ getMinAreaEnclosingCircle
Radius()
+ getEntities()
+ fieldNamesToString()
initialise()
getEntitiesCentrePoints()

    getEntitiesContourPoints()

    getEntitiesConvexHull()

    updateSpatialCollectionSpecific

Values()

    updateClusterednessDegree()

updatePileUpDegree()
updateArea()

    updatePerimeter()

updateCentrePoint()
- isTriangularMeasure()

    isRectangularMeasure()

    isCircularMeasure()

- fieldValuesToString()
```