SemantisedTriangleMesh
::Annotation

mesh
type
id
tag
hierarchyLevel
attributes
color
sphereRay
NUM_OF_THREADS

+ Annotation()
+ Annotation()
+ ~Annotation()
+ print()
+ printJson()
+ getInvolvedVertices()
+ isPointInAnnotation()
+ getMesh()
+ setMesh()
+ getType()
+ getTag()
+ setTag()
+ getColor()
+ setColor()
+ getAttributes()
+ setAttributes()
+ addAttribute()
+ removeAttribute()
+ resetAttributes()
+ getHierarchyLevel()
+ setHierarchyLevel()
+ getId()
+ setId()
+ getCenter()
+ getOrientation()

SemantisedTriangleMesh
::LineAnnotation

polyLines
BBOX_SPHERE_RATIO
POST_PROCESSING

+ LineAnnotation()
+ LineAnnotation()
+ ~LineAnnotation()
+ print()
+ printJson()
+ getInvolvedVertices()
+ isPointInAnnotation()
+ addPolyLine()
+ getPolyLines()
+ setPolyLines()
+ clearPolylines()
+ getCenter()
+ getOrientation()

SemantisedTriangleMesh
::PointAnnotation

points

+ PointAnnotation()
+ PointAnnotation()
+ ~PointAnnotation()
+ print()
+ printJson()
+ getInvolvedVertices()
+ isPointInAnnotation()
+ getPoints()
+ setPoints()
+ addPoint()
+ getCenter()
+ getOrientation()

SemantisedTriangleMesh
::SurfaceAnnotation

outlines
BBOX_SPHERE_RATIO
ORDER
POST_PROCESSING

+ SurfaceAnnotation()
+ SurfaceAnnotation()
+ ~SurfaceAnnotation()
+ print()
+ printJson()
+ getInvolvedVertices()
+ getInnerVertices()
+ isPointInAnnotation()
+ isPointInsideAnnotation()
+ isPointOnBorder()
+ isPointOnBorder()
+ isTriangleInAnnotation()
+ getAdjacentBoundary()
+ checkAdjacency()
+ getOutlines()
+ setOutlines()
+ addOutline()
+ getTriangles()
+ getTrianglesIds()
+ getCenter()
+ getOrientation()
+ regionGrowing()
+ getOutlines()