```
SemantisedTriangleMesh
    ::OuadTree < T >
+ QuadTree()
+ ~QuadTree()
+ getTopLeft()
+ setTopLeft()
+ getWidth()
+ setWidth()
+ getHeight()
+ setHeight()
+ getNodes()
+ setNodes()
+ getMaxNodes()
+ setMaxNodes()
+ getSubTrees()
+ getFather()
+ setFather()
+ isLeaf()
+ subdivide()
+ insert()
+ contains()
+ getClosest()
+ drawForMatlab()
```