```
SphereDepthData

- depth
- vertices
- pointsPerTriangle
- maxPointsPerTriangle

+ SphereDepthData()
+ SphereDepthData()
+ getVertices()
+ getMaxPointsPerTriangle()
```

+ setVertices()
+ isEmpty()

+ getDepth()

+ getPointsPerTriangle()+ setPointsPerTriangle()

updateMaxPointsPerTriangle()