```
OptiXModel

    m numPolygons

    m instanceld

    m geometryInstance

    m geometry

m trans

    m geometryGroup

    m vertexBuffer

    m normalBuffer

    m texCoordsBuffer

- m tangentsBuffer
and 12 more...

    m instanceCount

+ OptiXModel()
+ OptiXModel()
+ ~OptiXModel()
+ createGeometry()
+ setTrans()
+ setTrans()
+ setMaterial()
+ getGeometry()
+ getGeomAndTrans()
+ getGeometryInstance()
+ getNumPolygons()
# loadMesh()
# processMesh()
# createBuffers()
              +meshHandle
MeshWidget::modelProp
+ transX
+ transY
transZ
+ rotX
+ rotY
+ rotZ
+ scaleX
+ scaleY
+ scaleZ

    + isIntance

+ name

    materialName

+ meshPath
```