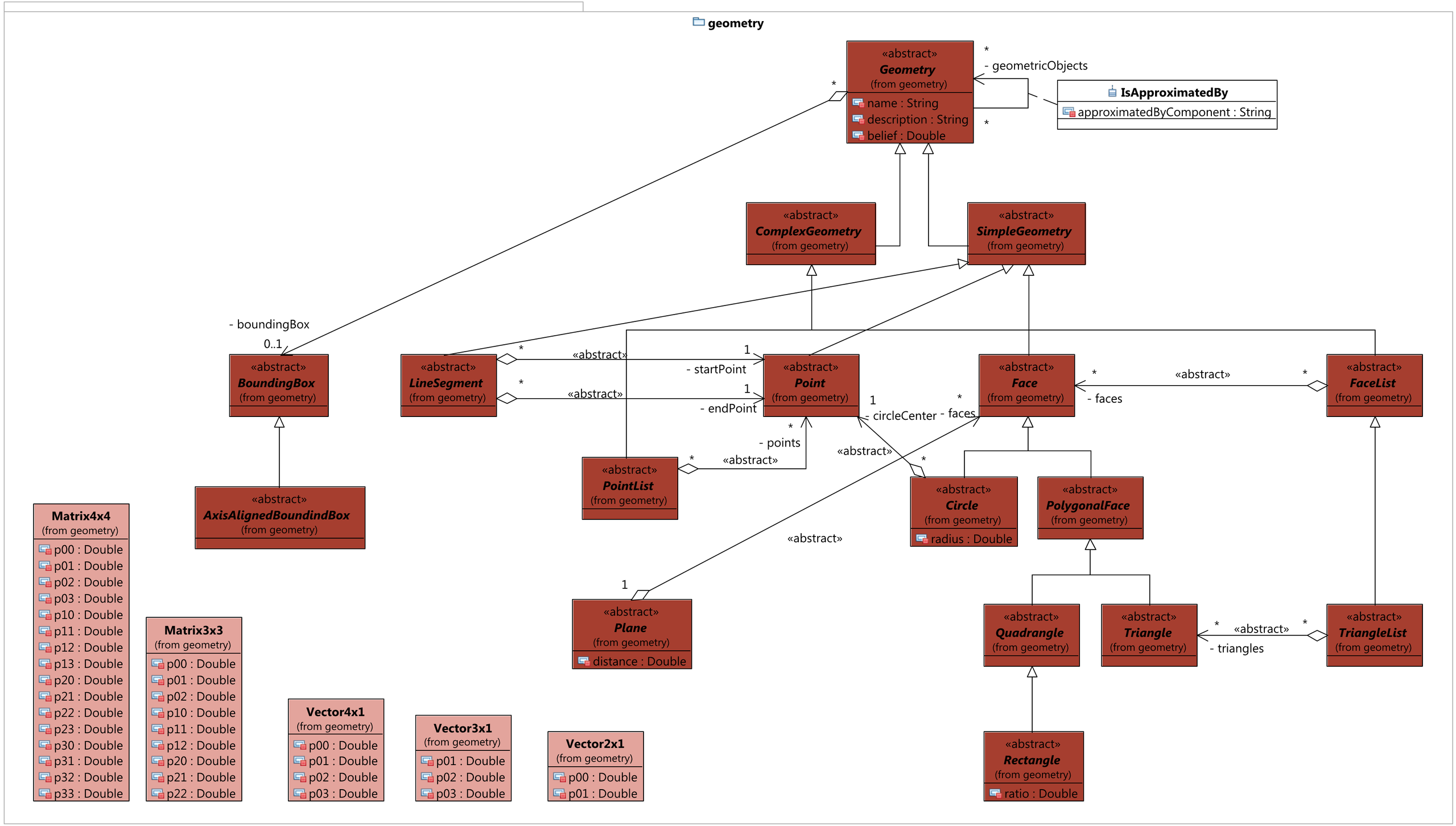
geometry
«abstract»
Geometry
(from geometry)
name : String
description : String
belief : Double
- geometricObjects
IsApproximatedBy
approximatedByComponent : String
«abstract»
ComplexGeometry
(from geometry)
«abstract»
SimpleGeometry
(from geometry)
- boundingBox
0..1
«abstract»
BoundingBox
(from geometry)
«abstract»
LineSegment
(from geometry)
«abstract»
- startPoint
«abstract»
- endPoint
«abstract»
Point
(from geometry)
«abstract»
Face
(from geometry)
- faces
«abstract»
FaceList
(from geometry)
- circleCenter
- faces
- points
«abstract»
PointList
(from geometry)
«abstract»
Circle
(from geometry)
radius : Double
«abstract»
PolygonalFace
(from geometry)
«abstract»
AxisAlignedBoundindBox
(from geometry)
«abstract»
Plane
(from geometry)
distance : Double
«abstract»
Quadrangle
(from geometry)
«abstract»
Triangle
(from geometry)
- triangles
«abstract»
TriangleList
(from geometry)
«abstract»
Rectangle
(from geometry)
ratio : Double
Matrix4x4
(from geometry)
p00 : Double
p01 : Double
p02 : Double
p03 : Double
p10 : Double
p11 : Double
p12 : Double
p13 : Double
p20 : Double
p21 : Double
p22 : Double
p23 : Double
p30 : Double
p31 : Double
p32 : Double
p33 : Double
Matrix3x3
(from geometry)
p00 : Double
p01 : Double
p02 : Double
p10 : Double
p11 : Double
p12 : Double
p20 : Double
p21 : Double
p22 : Double
Vector4x1
(from geometry)
p00 : Double
p01 : Double
p02 : Double
p03 : Double
Vector3x1
(from geometry)
p01 : Double
p02 : Double
p03 : Double
Vector2x1
(from geometry)
p00 : Double
p01 : Double