# JAVA与C++版本中对应类说明

|  |  |
| --- | --- |
| A |  |
| AABBox |  |
|  |  |
| B |  |
| Buffer |  |
|  |  |
|  |  |
| C |  |
|  |  |
| D |  |
|  |  |
| E |  |
|  |  |
| F |  |
| FeatureClass | FeatureType |
| Feature | Feature |
|  |  |
| G |  |
| Geometry |  |
|  |  |
| Annotation3d |  |
| Material |  |
| ComplexMaterial |  |
| COMMAT\_ITEM |  |
| Voxel3d |  |
| Cube3d |  |
| Geometry3d |  |
| Curve3d |  |
| DEMGrid |  |
| Vertex2f |  |
| DOMGrid |  |
| PLANE3D |  |
| Group3d |  |
| LinearRing3d | LinearRing |
| LineString3d | LineString |
| MultiPoint3d | MultiPoint |
|  | MultiLineString |
| Surface3d |  |
| MultiPolygon3d | IndexedPolygon（基于点和索引的表示方法） |
| TriangleMesh3d | TriangleMesh |
| MultiPolyline3d | IndexedPolyline（基于点和索引的表示方法） |
| Volume3d |  |
| MultiSolid3d | IndexedSolid（基于点和索引的表示方法） |
| OBBox |  |
| ParameterizedCurve3d |  |
| ParameterizedSurface3d |  |
| Polygon3d | Polygon |
| Prism3d |  |
| Ray3d |  |
| Rectangle3d |  |
| Quaternion |  |
| Identifier | Identifier |
| LinkModel |  |
| Reference3d |  |
| TopoInfo |  |
| SemanticActionTopoInfo |  |
| SemanticGeometryTopoInfo |  |
| ShadeVertex3dVisitor |  |
| ShadeVertex3fVisitor |  |
| SharedModel |  |
| MAT\_PARAM |  |
| Texture | Texture |
| SimpleMaterial | Material |
| SinglePoint3d |  |
| Solid3d | Solid |
|  |  |
| Tetrahedron3d |  |
| TexturedVertex3dVisitor |  |
| TexturedVertex3fVisitor |  |
| TopoItem |  |
| Triangle3d |  |
| VersatileVertex3dVisitor |  |
| VersatileVertex3fVisitor |  |
| Vertex3dVisitor |  |
| Vertex3fVisitor |  |
| Color | Color |
| Color4b | Color4b |
| Color4f | Color4f |
| ColorSeries |  |
| DEMBlock |  |
| DOMBlock |  |
| DEMDataInfo |  |
| DEMLayerInfo |  |
| DescribaleBuffer |  |
| Envelope2d |  |
| Envelope3d |  |
| Sphere3d |  |
| Image | Image |
| Mesh |  |
| Block |  |
| Cell |  |
| Proxy |  |
| Builder |  |
|  |  |
| H |  |
|  |  |
| I |  |
| IndexItemOfFeature/FeatureIndexItem |  |
| IndexItemOfLOD/LodIndexItem |  |
| J |  |
|  |  |
| K |  |
|  |  |
| L |  |
| LayerInfo |  |
| LODInfo |  |
| M |  |
|  |  |
| N |  |
|  |  |
| O |  |
|  |  |
| P |  |
| Point3d | Point |
| PropType或Property::Type |  |
|  |  |
|  |  |
| Q |  |
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| R |  |
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| S |  |
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| T |  |
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| U |  |
|  |  |
| V |  |
| VALUE |  |
| Vertex3d |  |
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| W |  |
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| X |  |
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| Z |  |
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