



CityGML UML diagrams

as contained in CityGML Encoding Standard Version 2.0, OGC Doc. No. 12-019

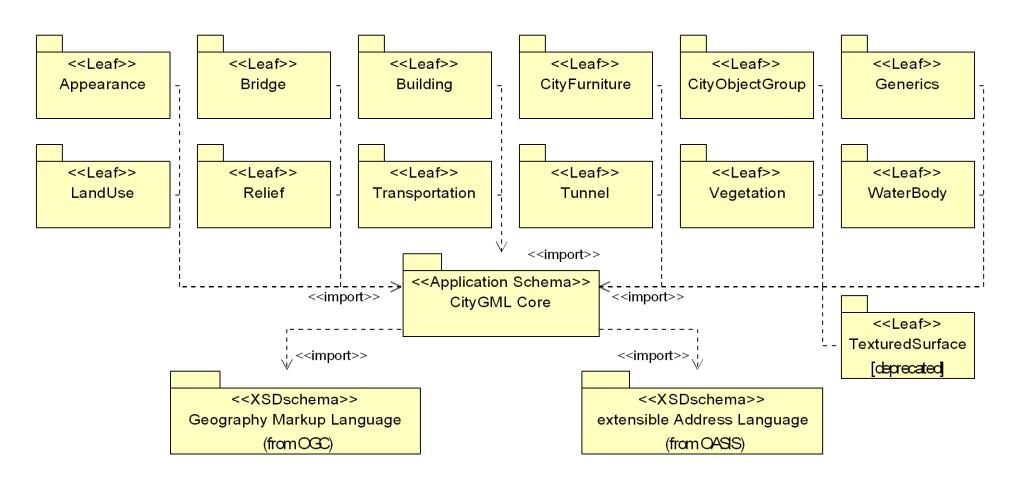
Copyright © 2012 Open Geospatial Consortium, Inc. All Rights Reserved. To obtain additional rights of use, visit http://www.opengeospatial.org/legal/.

Jointly developed by the Special Interest Group 3D (SIG 3D) and the OGC CityGML SWG, 2002 – 2012 www.citygml.org





CityGML modules overview





CityGML modules overview, XML namespace declarations, part 1



CityGML module	Namespace identifier / schemaLocation	Recommended namespace prefix
CityGML Core	http://www.opengis.net/citygml/2.0 http://schemas.opengis.net/citygml/2.0/cityGMLBase.xsd	core
Appearance	http://www.opengis.net/citygml/appearance/2.0 http://schemas.opengis.net/citygml/appearance/2.0/appearance.xsd	арр
Bridge	http://www.opengis.net/citygml/bridge/2.0 http://schemas.opengis.net/citygml/building/2.0/bridge.xsd	brid
Building	http://www.opengis.net/citygml/building/2.0 http://schemas.opengis.net/citygml/building/2.0/building.xsd	bldg
CityFurniture	http://www.opengis.net/citygml/cityfurniture/2.0 http://schemas.opengis.net/citygml/cityfurniture/2.0/cityFurniture.xsd	frn
CityObjectGroup	http://www.opengis.net/citygml/cityobjectgroup/2.0 http://schemas.opengis.net/citygml/cityobjectgroup/2.0/cityObjectGroup.xsd	grp
Generics	http://www.opengis.net/citygml/generics/2.0 http://schemas.opengis.net/citygml/generics/2.0/generics.xsd	gen
LandUse	http://www.opengis.net/citygml/landuse/2.0 http://schemas.opengis.net/citygml/landuse/2.0/landUse.xsd	luse



CityGML modules overview, XML namespace declarations, part 2

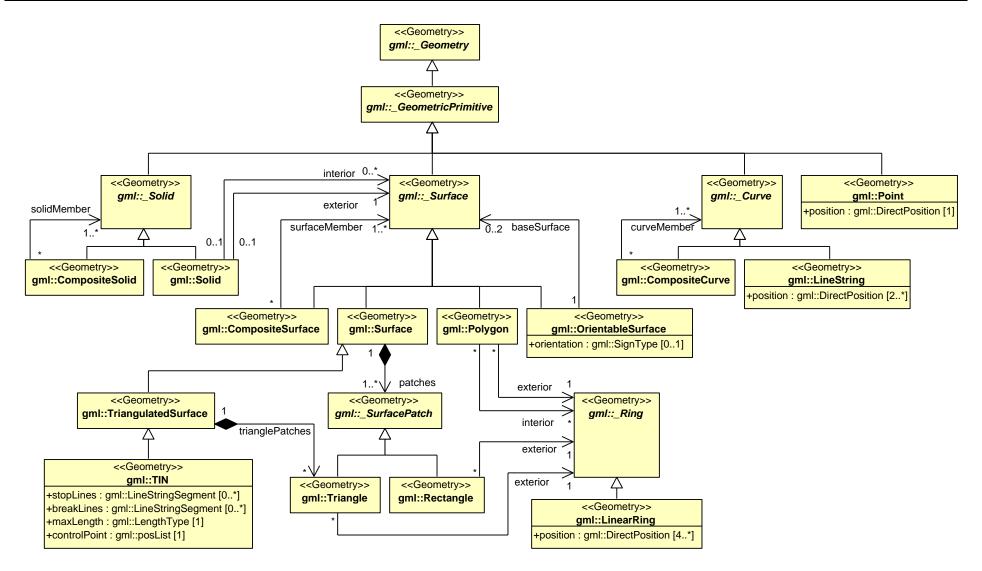


CityGML module	Namespace identifier / schemaLocation	Recommended namespace prefix
Relief	http://www.opengis.net/citygml/relief/2.0 http://schemas.opengis.net/citygml/relief/2.0/relief.xsd	dem
Transportation	http://www.opengis.net/citygml/transportation/2.0 http://schemas.opengis.net/citygml/transportation/2.0/transportation.xsd	tran
Tunnel	http://www.opengis.net/citygml/tunnel/2.0 http://schemas.opengis.net/citygml/tunnel/2.0/transportation.xsd	tun
Vegetation	http://www.opengis.net/citygml/vegetation/2.0 http://schemas.opengis.net/citygml/vegetation/2.0/vegetation.xsd	veg
WaterBody	http://www.opengis.net/citygml/waterbody/2.0 http://schemas.opengis.net/citygml/waterbody/2.0/waterBody.xsd	wtr
TexturedSurface [deprecated]	http://www.opengis.net/citygml/texturedsurface/2.0 http://schemas.opengis.net/citygml/texturedsurface/2.0/texturedSurface.xsd	tex





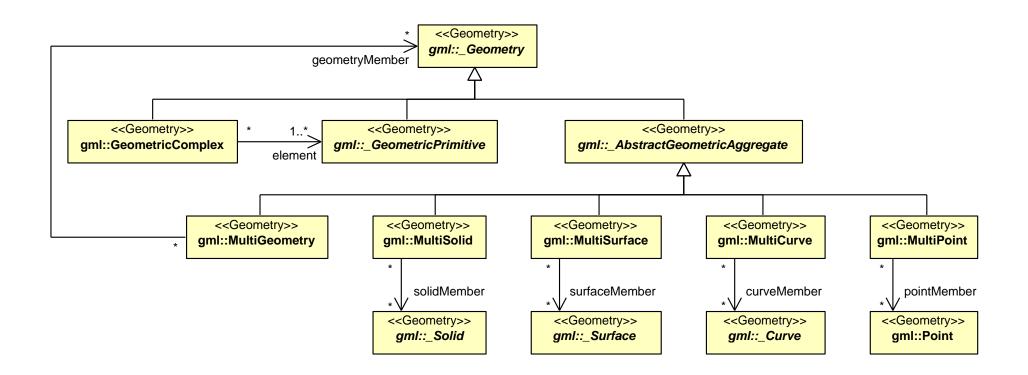
CityGML geometry model, part 1







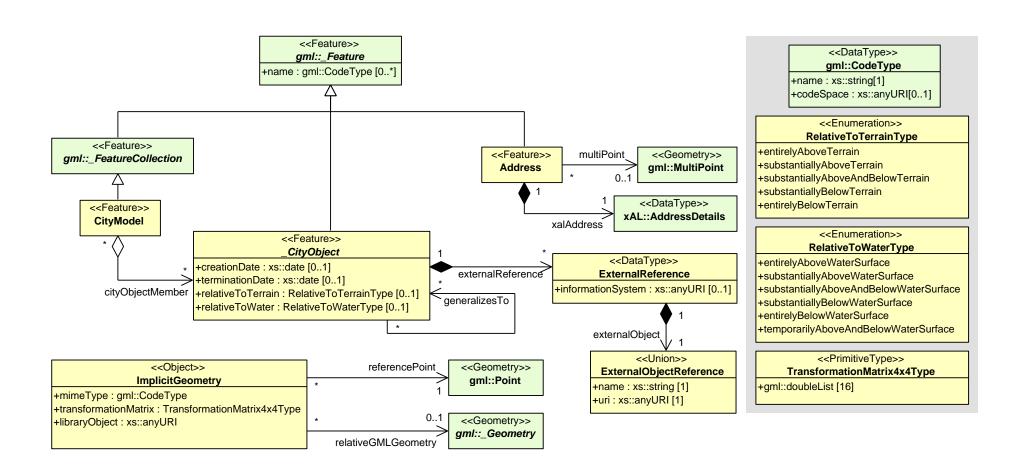
CityGML geometry model, part 2







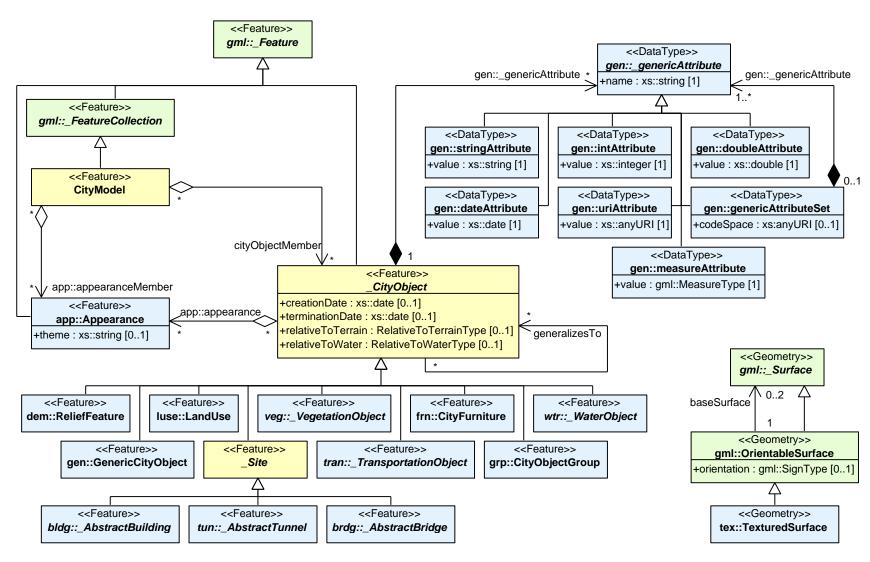
CityGML Core module, part 1







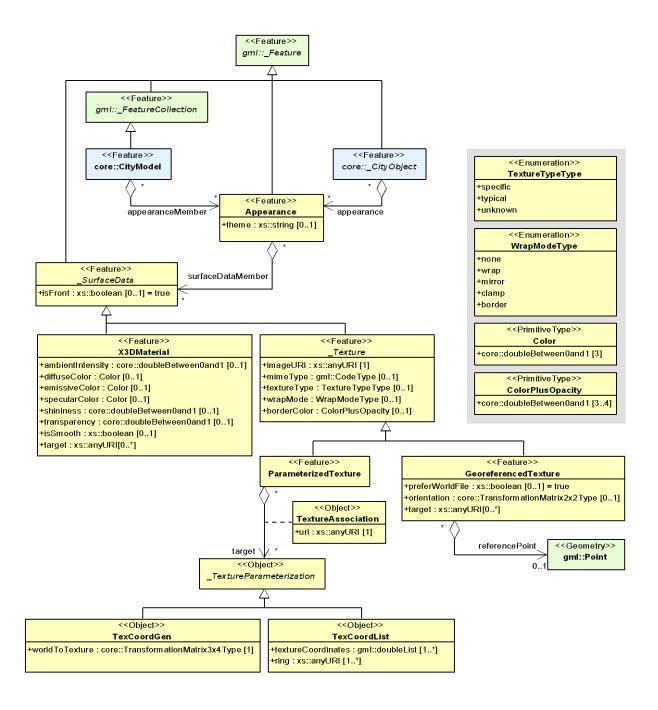
CityGML Core module, part 2







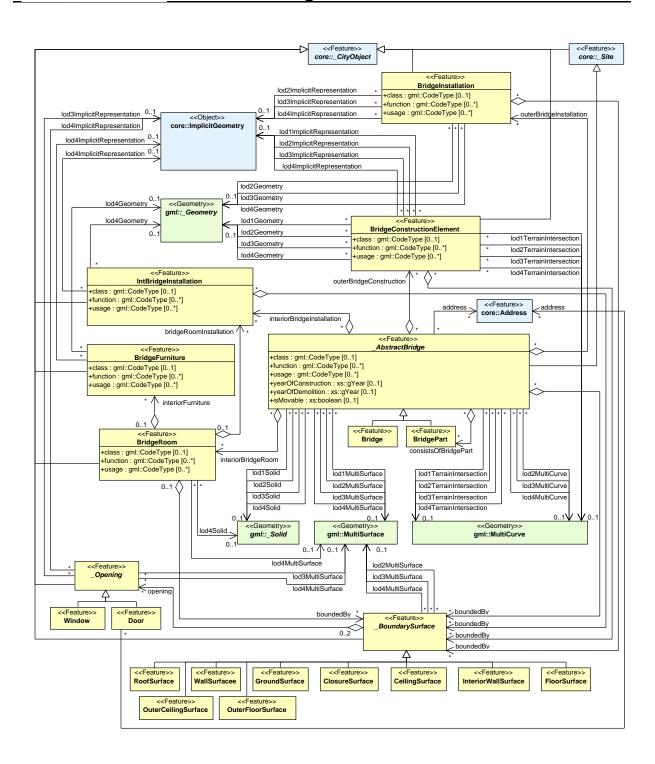




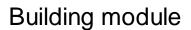




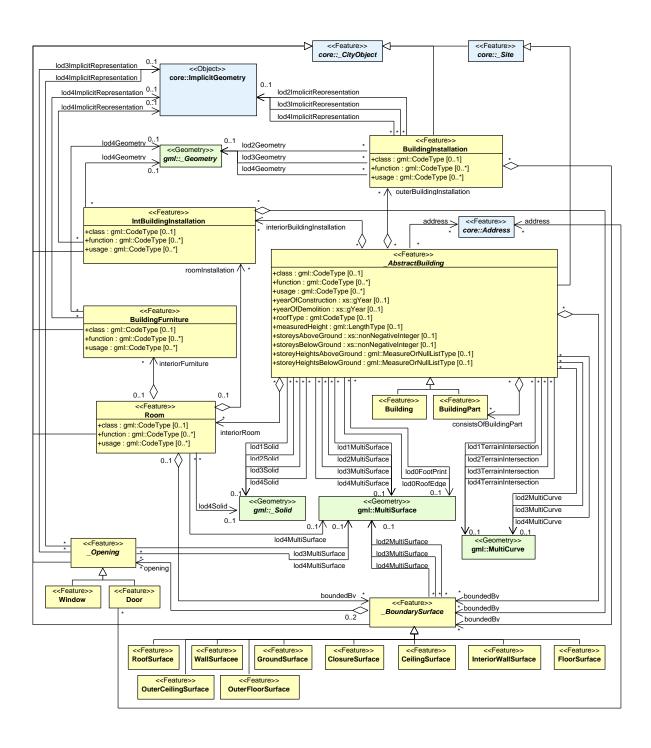
Bridge module







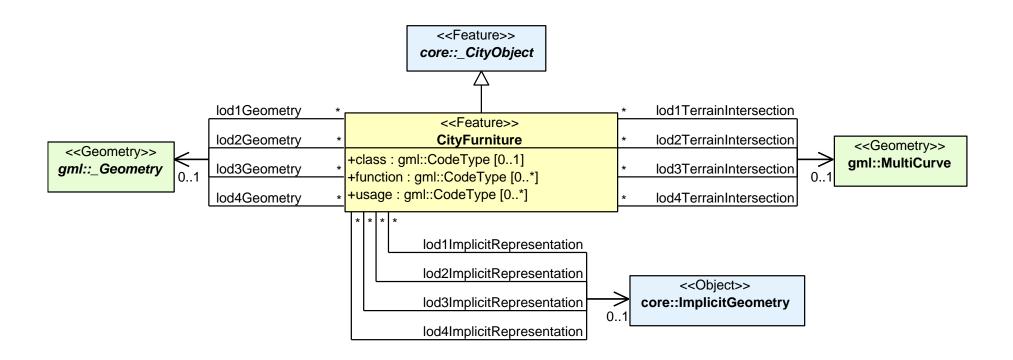








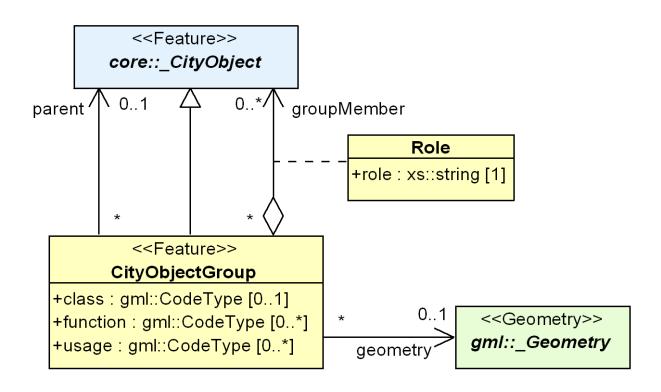
CityFurniture module



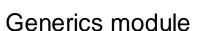




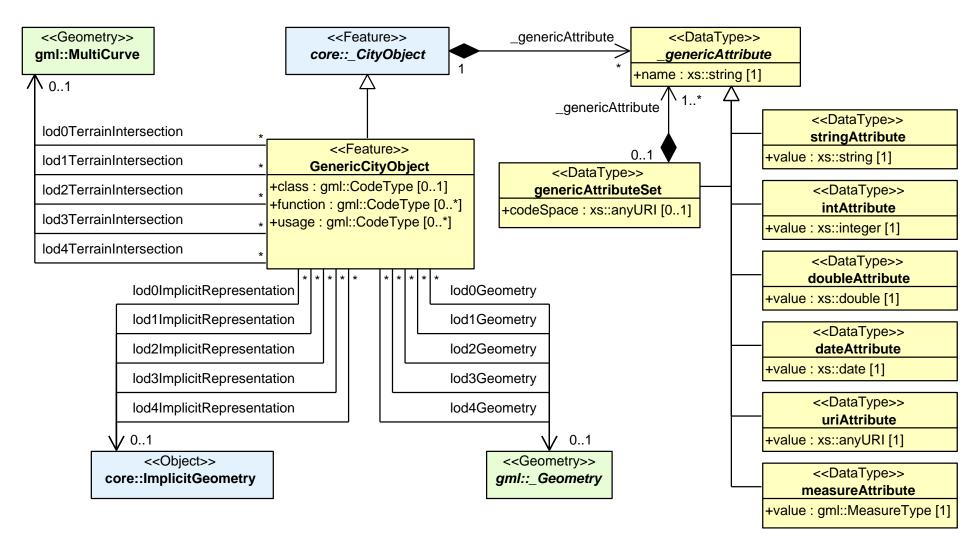
CityObjectGroup module







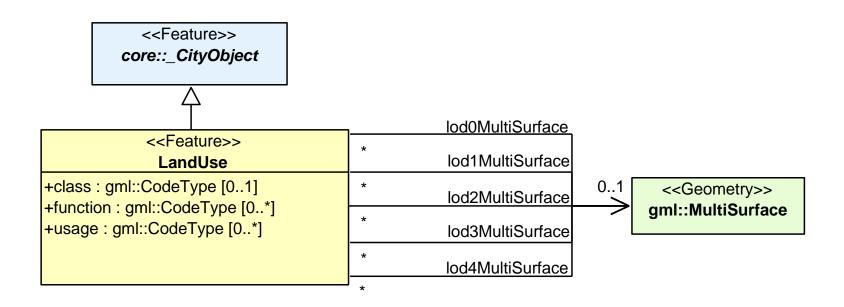








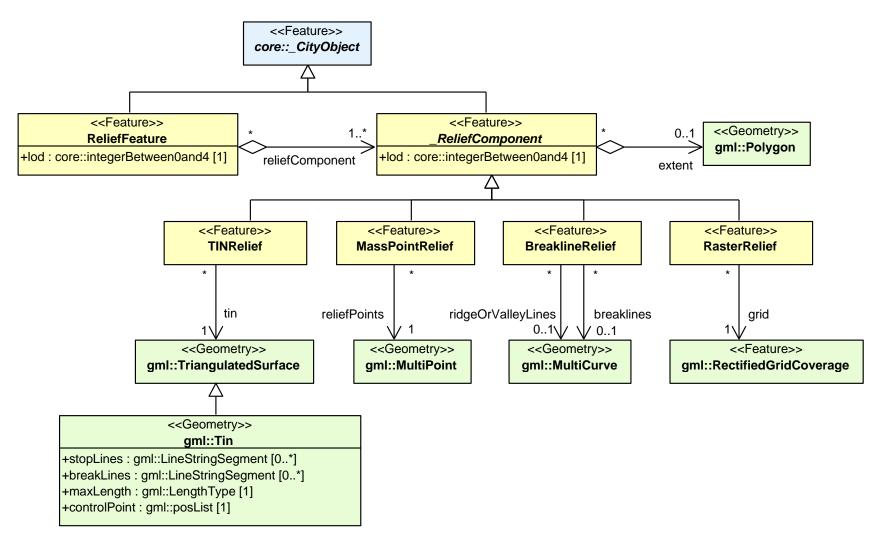








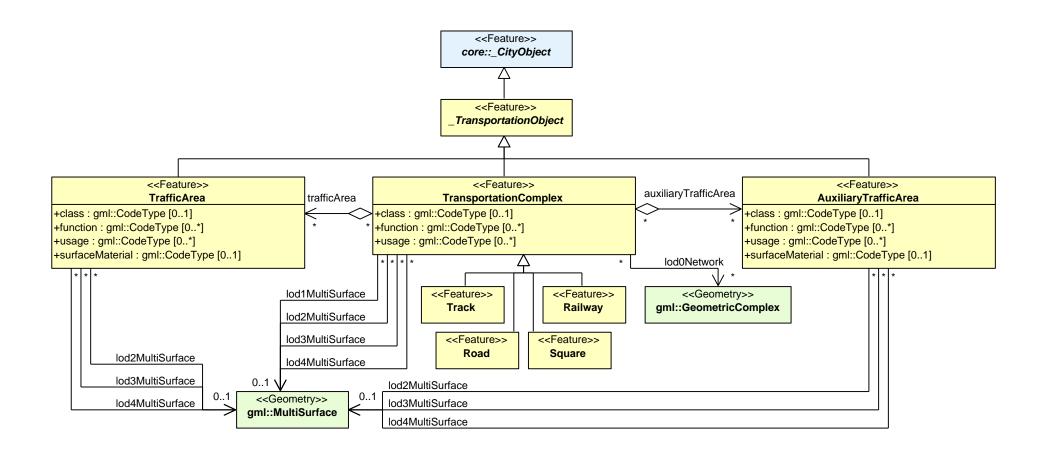








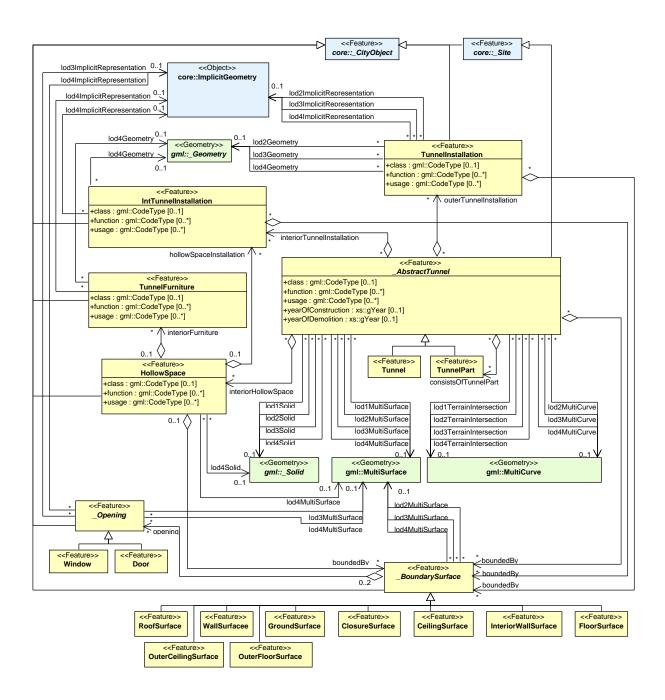
Transportation module







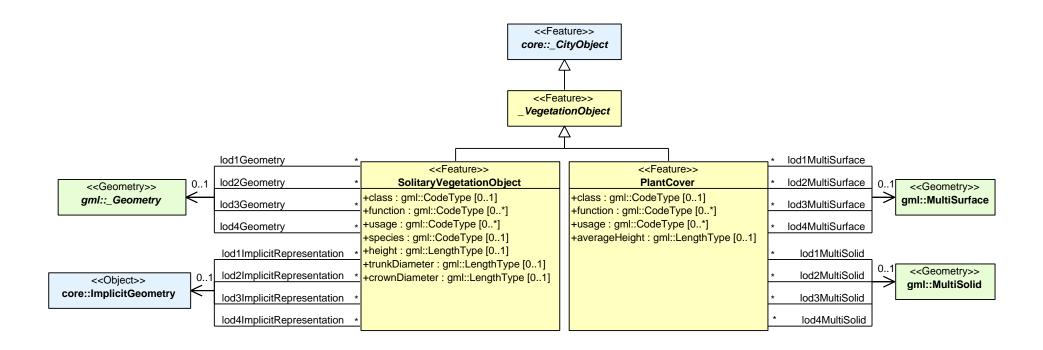








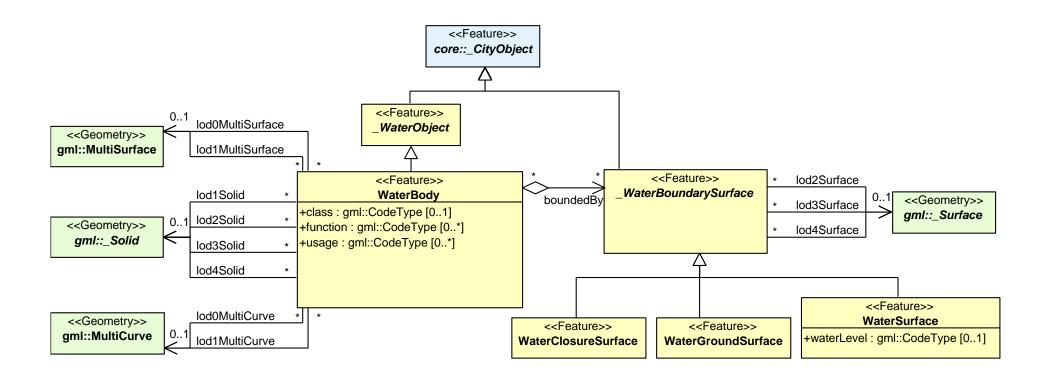
Vegetation module







WaterBody module





TexturedSurface module [deprecated]



