



# CityGML UML diagrams

as contained in CityGML Encoding Standard Version 1.0.0, OGC Doc. No. 08-007r1

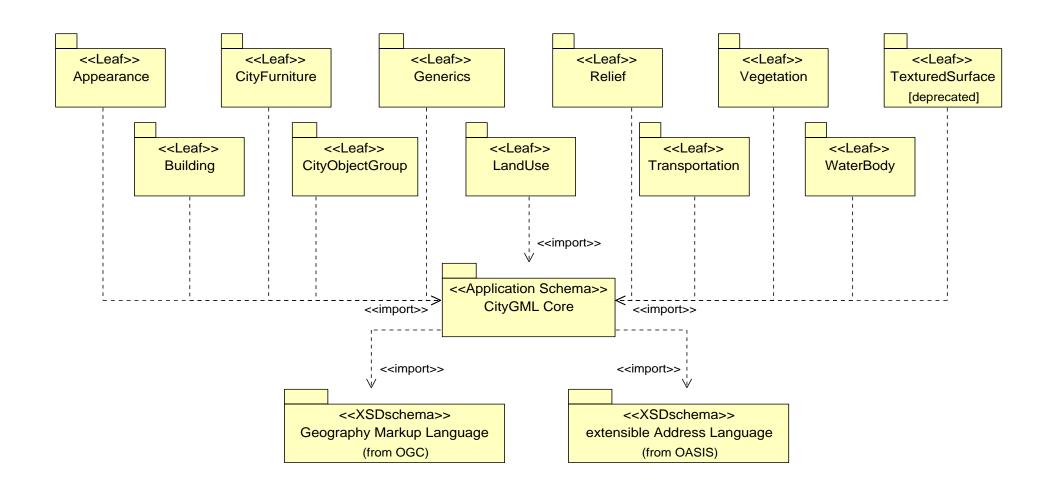
Copyright © 2008 Open Geospatial Consortium, Inc. All Rights Reserved. To obtain additional rights of use, visit http://www.opengeospatial.org/legal/.

Developed by the Special Interest Group 3D (SIG 3D), 2002 – 2008 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/1.0 http://schemas.opengis.net/citygml/1.0/cityGMLBase.xsd	core
Appearance	http://www.opengis.net/citygml/appearance/1.0 http://schemas.opengis.net/citygml/appearance/1.0/appearance.xsd	арр
Building	http://www.opengis.net/citygml/building/1.0 http://schemas.opengis.net/citygml/building/1.0/building.xsd	bldg
CityFurniture	http://www.opengis.net/citygml/cityfurniture/1.0 http://schemas.opengis.net/citygml/cityfurniture/1.0/cityFurniture.xsd	frn
CityObjectGroup	http://www.opengis.net/citygml/cityobjectgroup/1.0 http://schemas.opengis.net/citygml/cityobjectgroup/1.0/cityObjectGroup.xsd	grp
Generics	http://www.opengis.net/citygml/generics/1.0 http://schemas.opengis.net/citygml/generics/1.0/generics.xsd	gen
LandUse	http://www.opengis.net/citygml/landuse/1.0 http://schemas.opengis.net/citygml/landuse/1.0/landUse.xsd	luse



# CityGML modules overview, XML namespace declarations, part 2

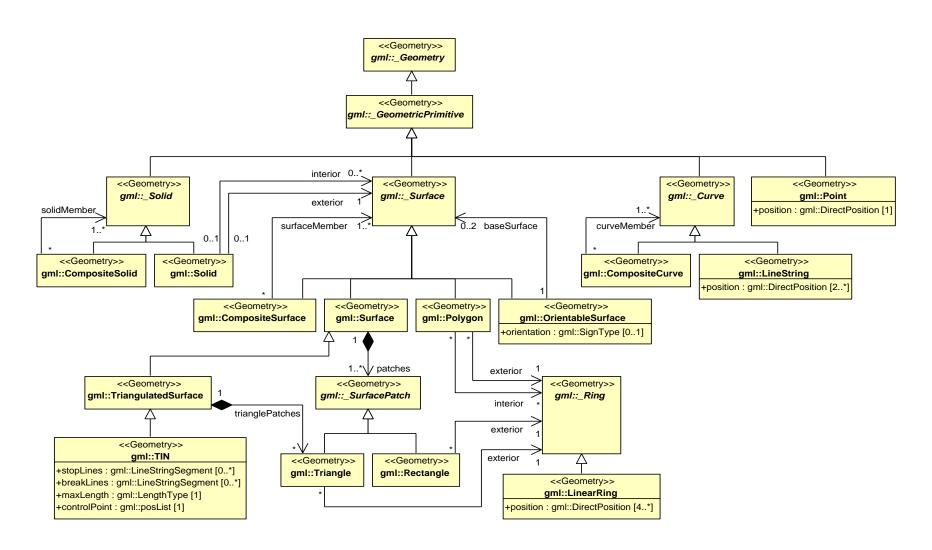


CityGML module	Namespace identifier / schemaLocation	Recommended namespace prefix
Relief	http://www.opengis.net/citygml/relief/1.0 http://schemas.opengis.net/citygml/relief/1.0/relief.xsd	dem
Transportation	http://www.opengis.net/citygml/transportation/1.0 http://schemas.opengis.net/citygml/transportation/1.0/transportation.xsd	tran
Vegetation	http://www.opengis.net/citygml/vegetation/1.0 http://schemas.opengis.net/citygml/vegetation/1.0/vegetation.xsd	veg
WaterBody	http://www.opengis.net/citygml/waterbody/1.0 http://schemas.opengis.net/citygml/waterbody/1.0/waterBody.xsd	wtr
TexturedSurface [deprecated]	http://www.opengis.net/citygml/texturedsurface/1.0 http://schemas.opengis.net/citygml/texturedsurface/1.0/texturedSurface.xsd	tex





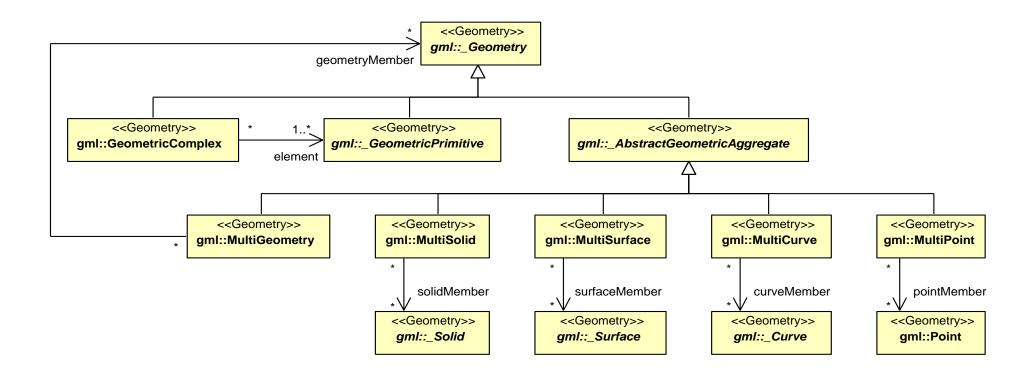
#### CityGML geometry model, part 1







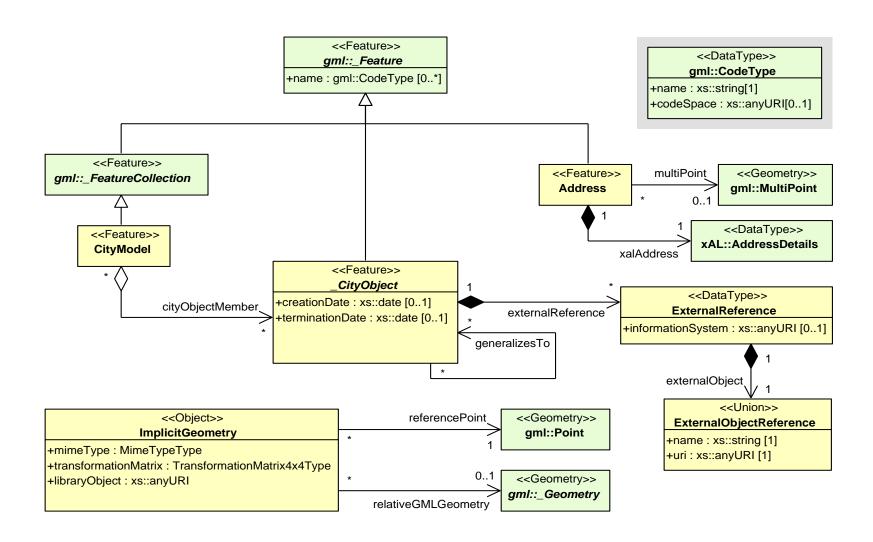
## CityGML geometry model, part 2







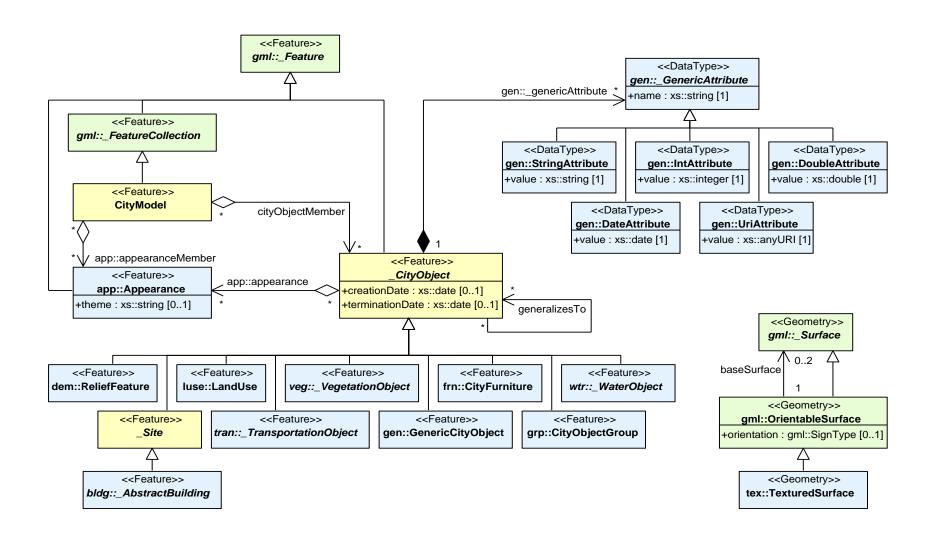
#### CityGML Core module, part 1







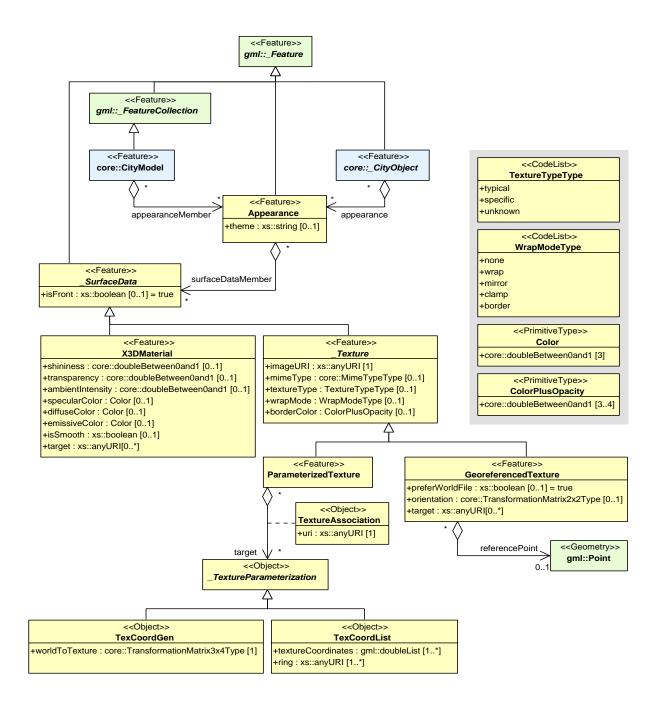
#### CityGML Core module, part 2







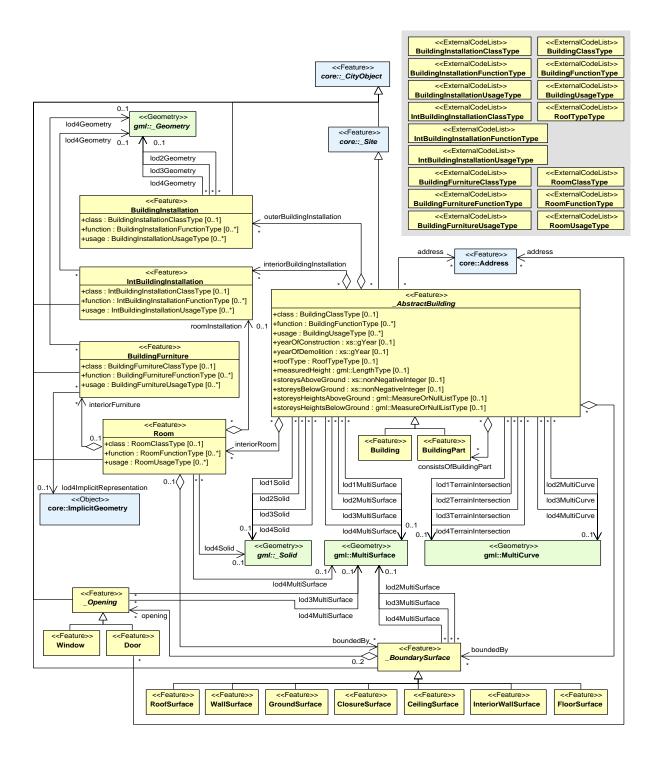








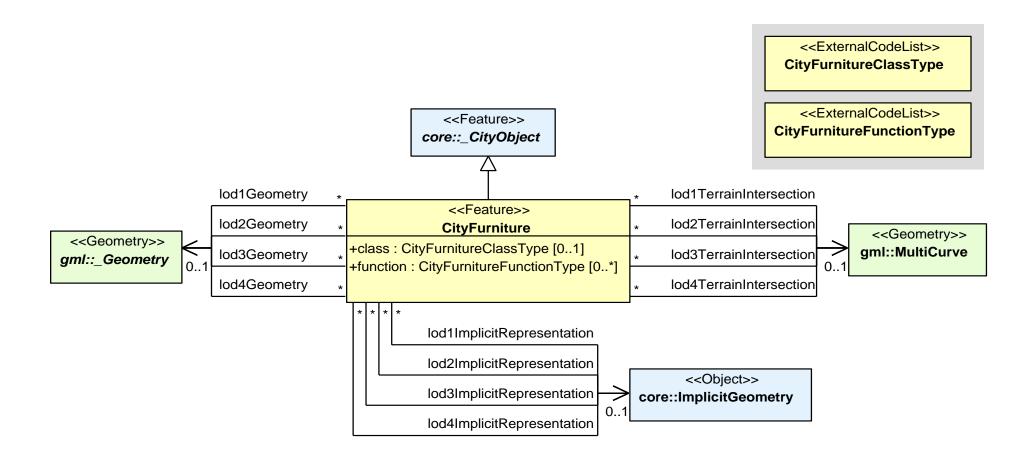






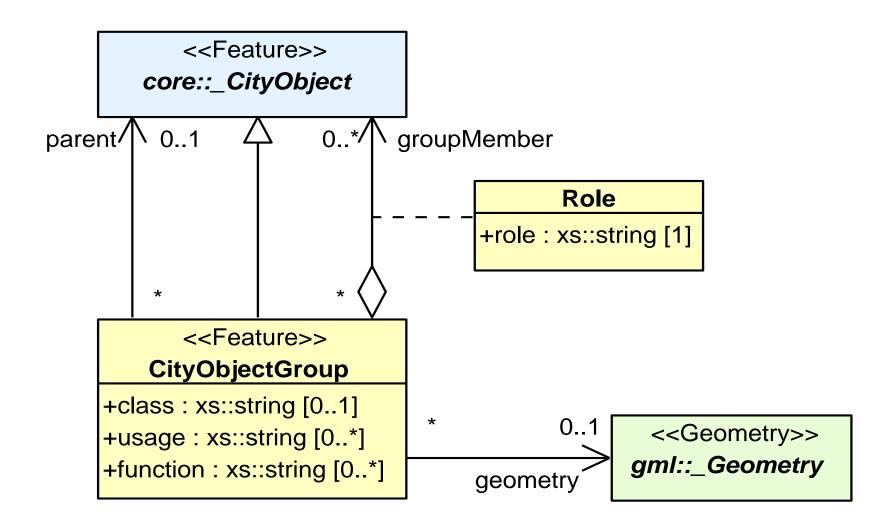


#### CityFurniture module





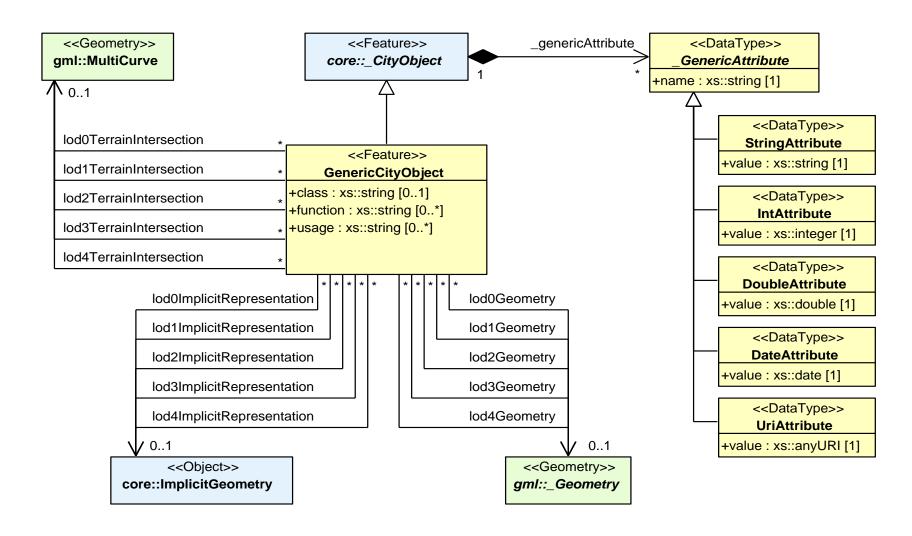






#### Generics module

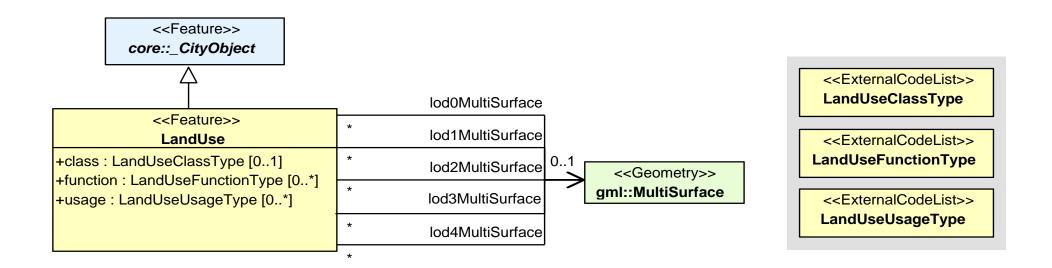








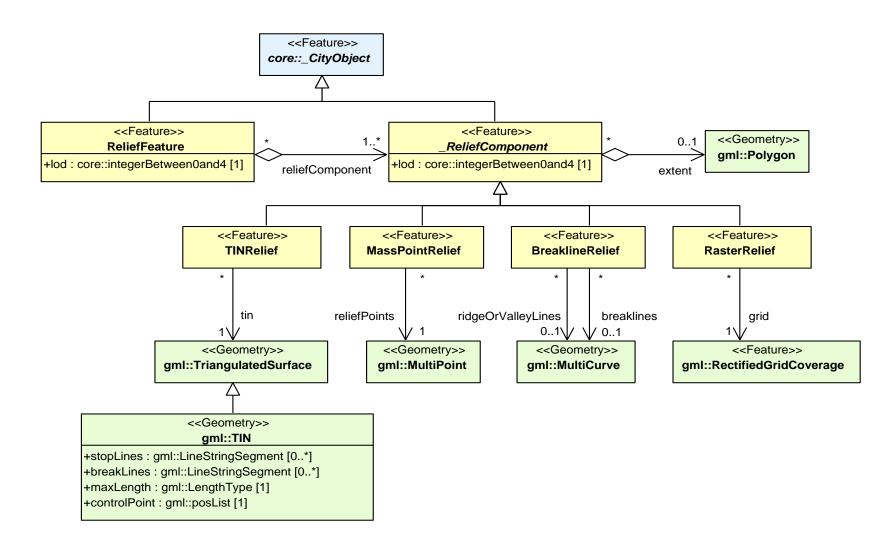








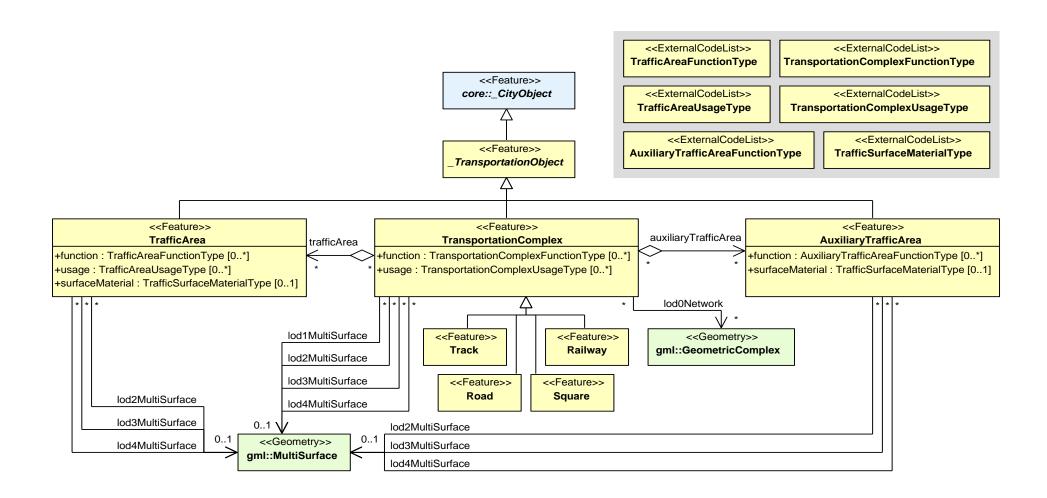








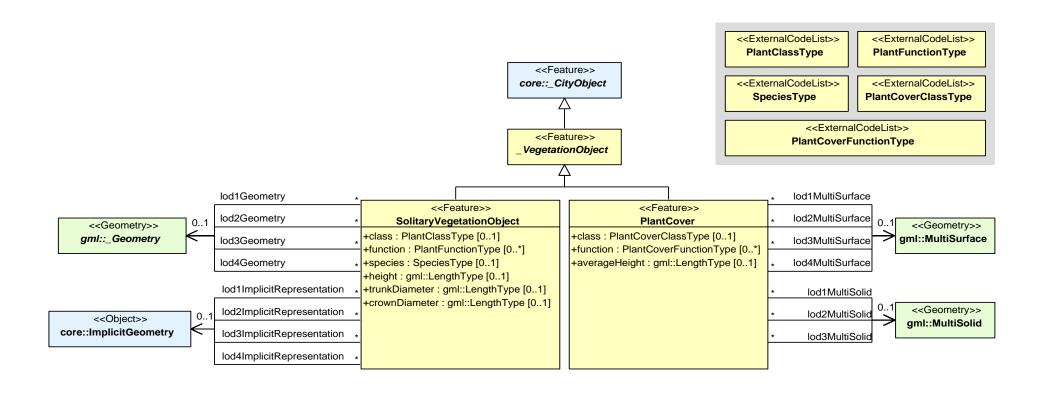
#### Transportation module







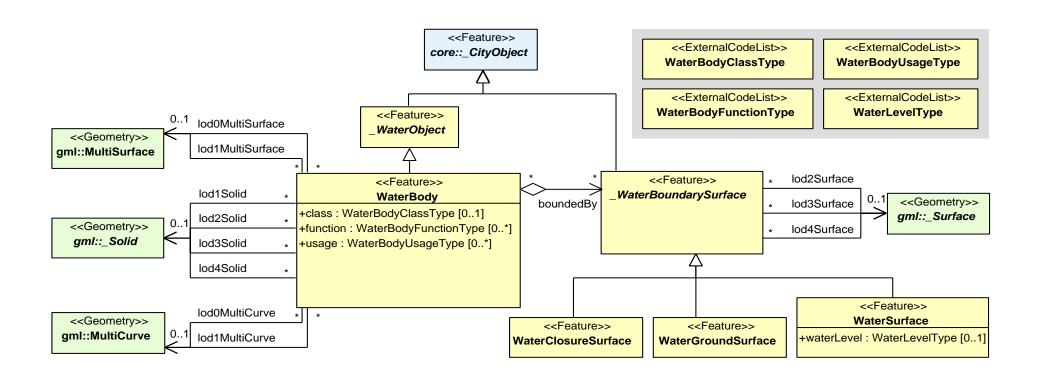
#### Vegetation module



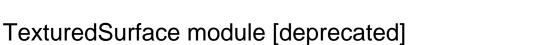




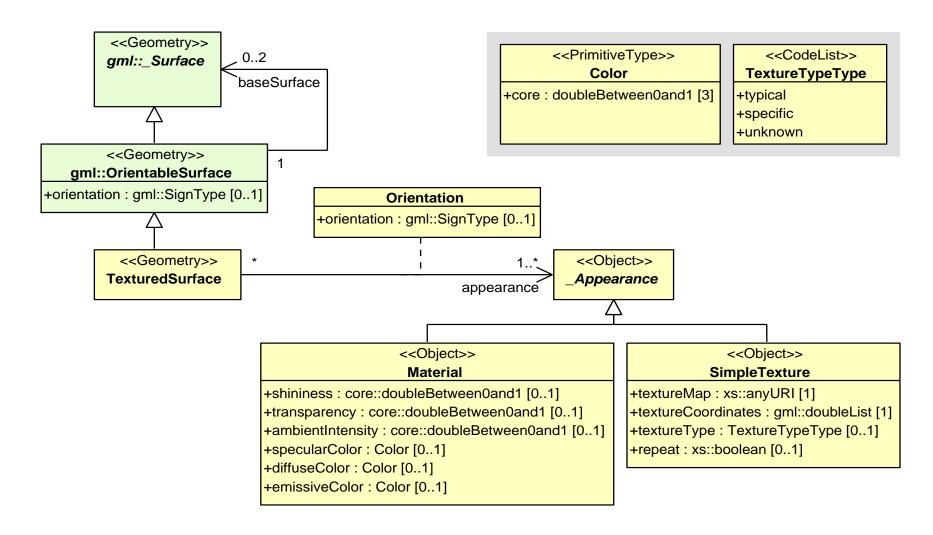
#### WaterBody module







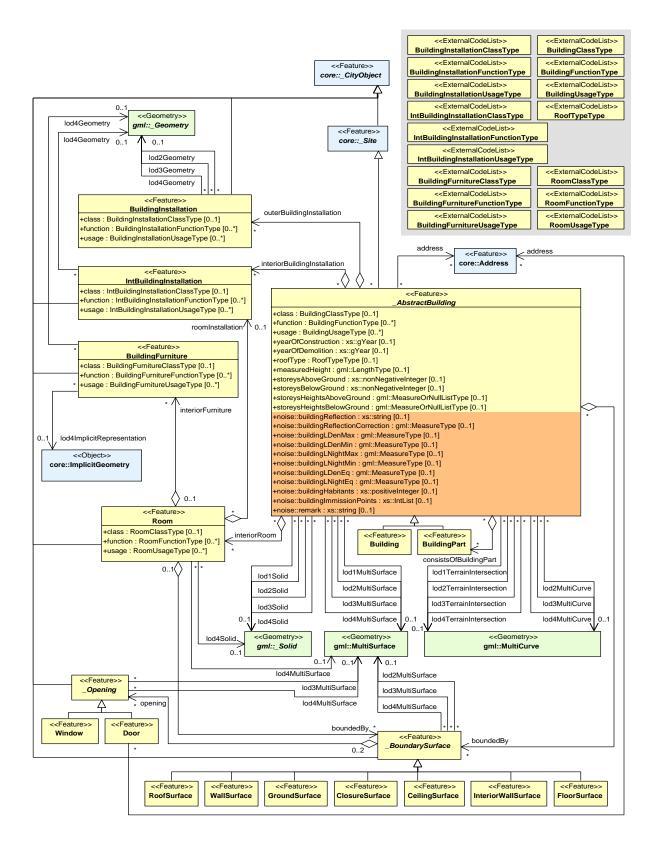






### CityGML Noise ADE, Building noise model

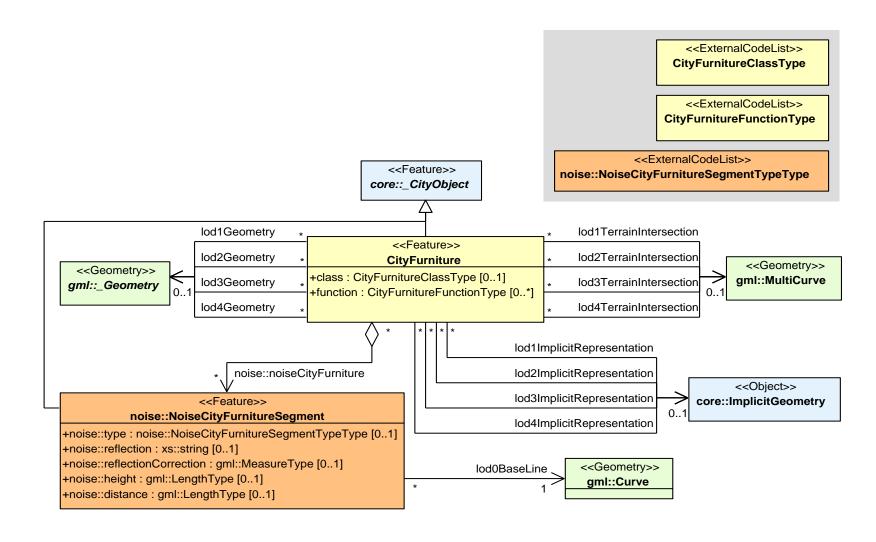






### CityGML Noise ADE, CityFurniture noise model







# CityGML Noise ADE, Transportation noise model



