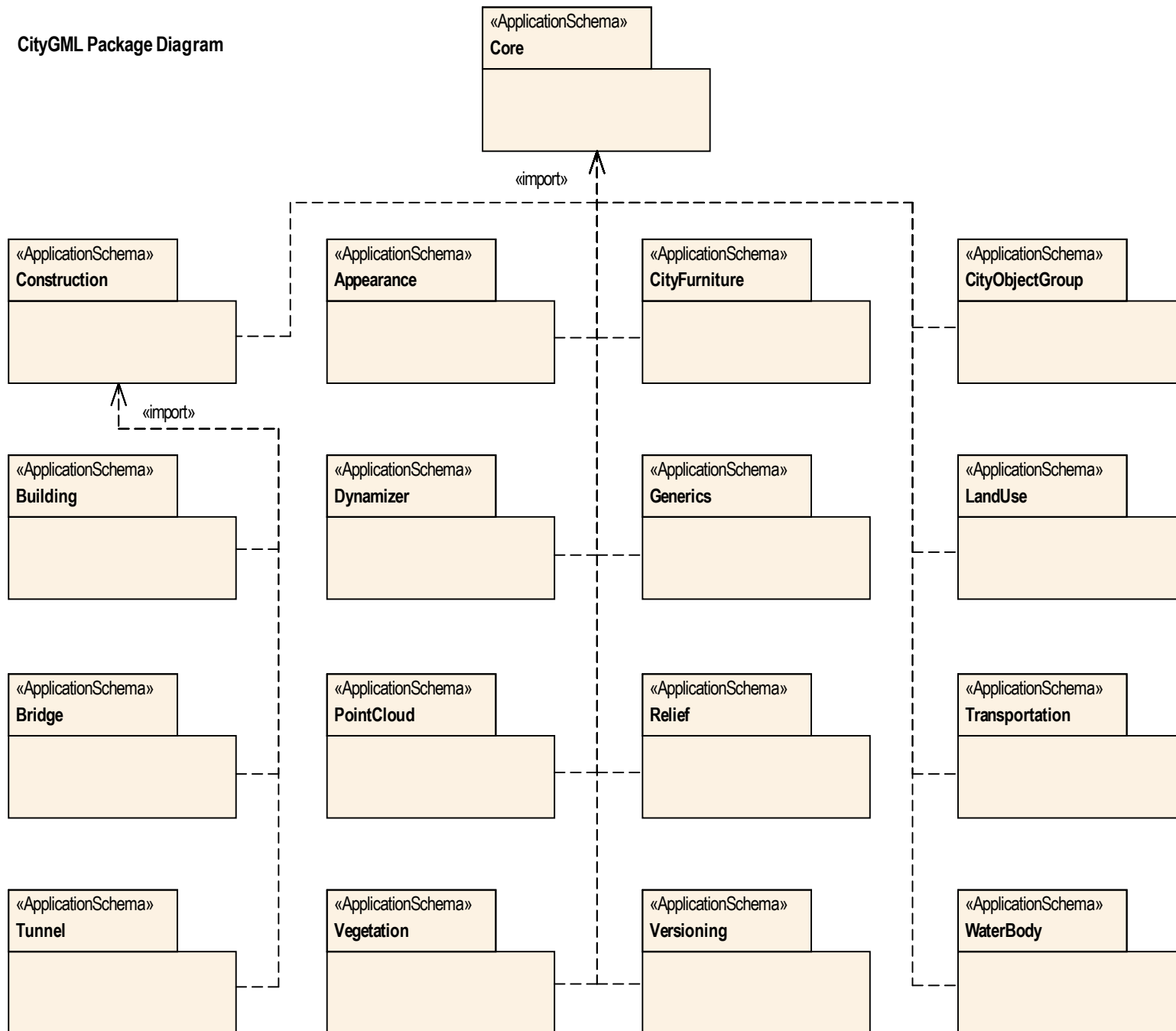
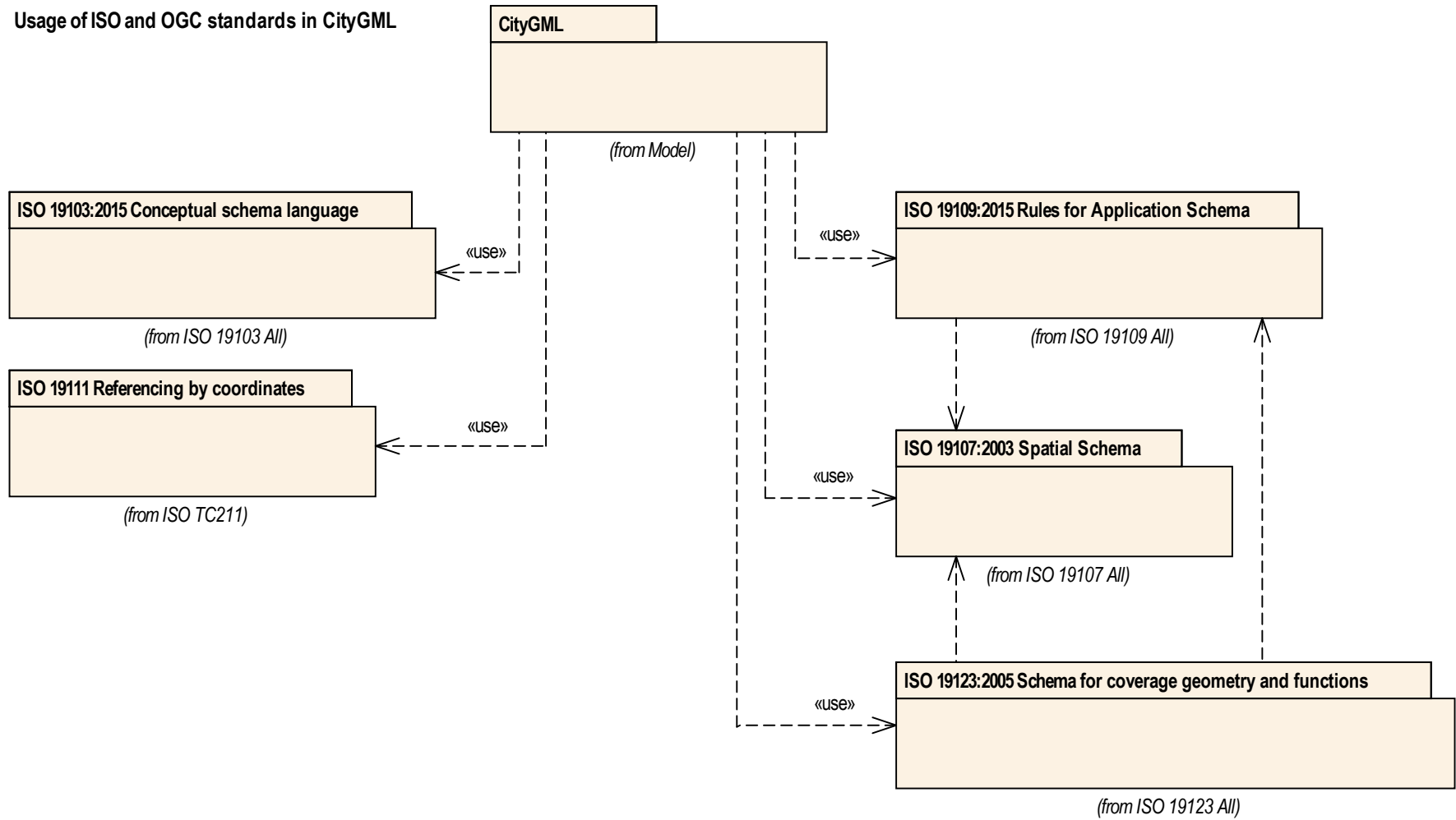


CityGML Package Diagram



Usage of ISO and OGC standards in CityGML



Color Scheme

Class defined in this
Requirements Class

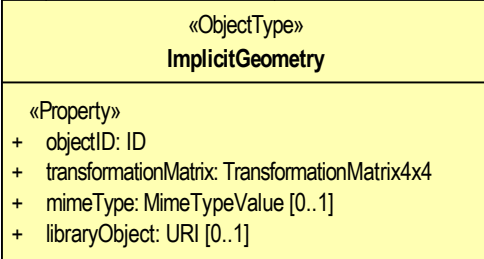
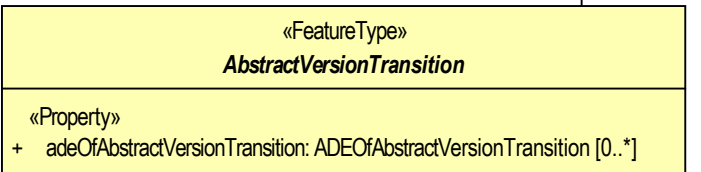
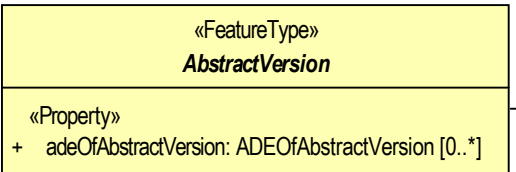
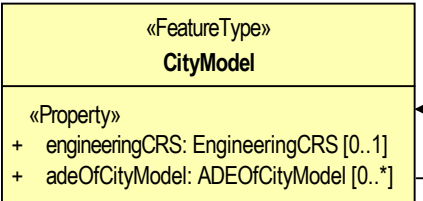
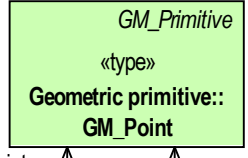
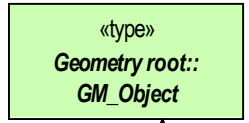
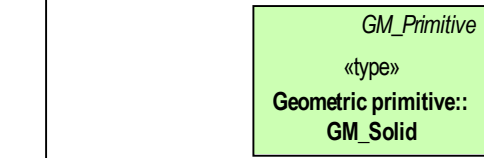
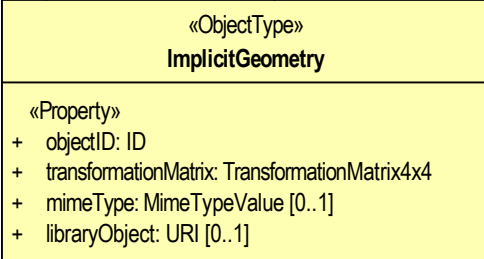
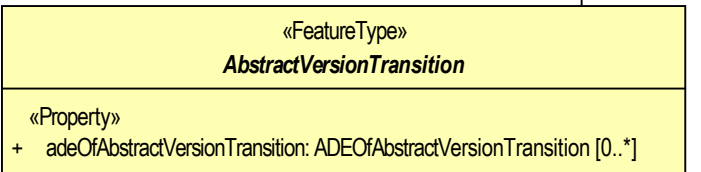
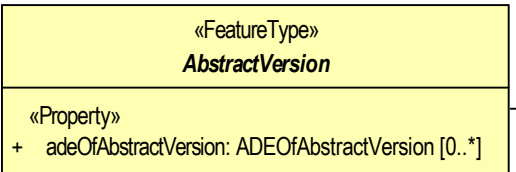
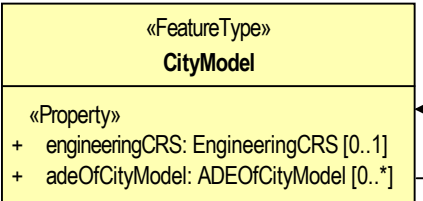
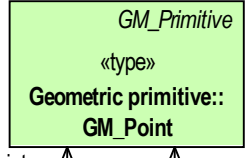
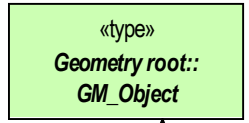
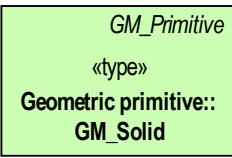
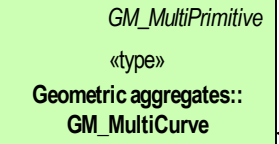
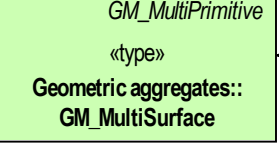
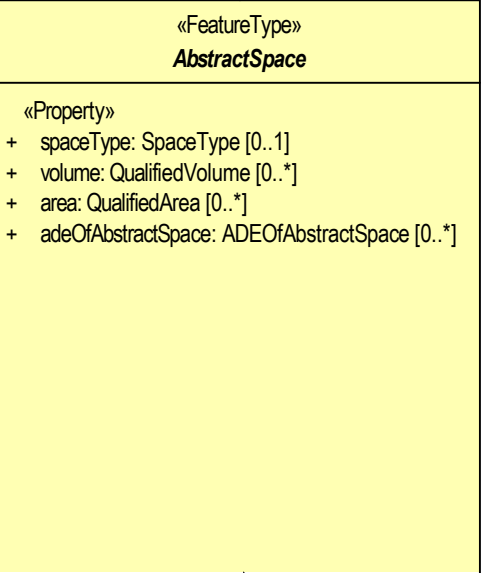
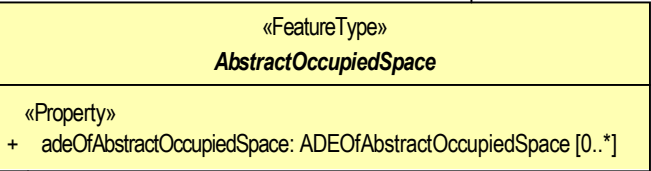
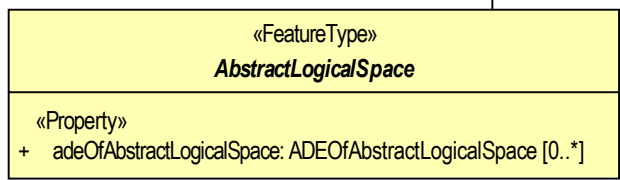
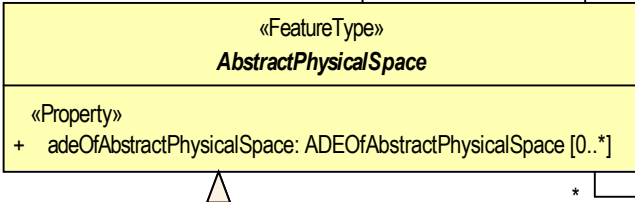
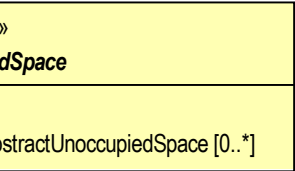
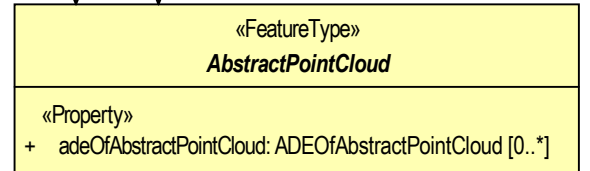
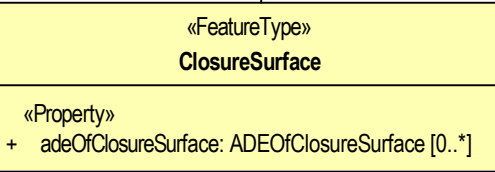
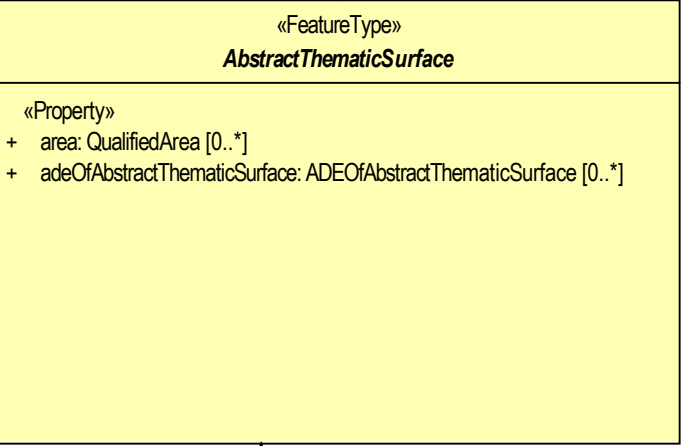
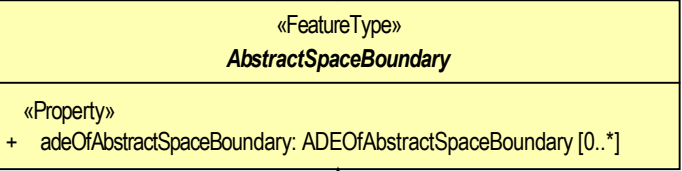
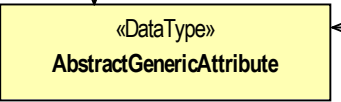
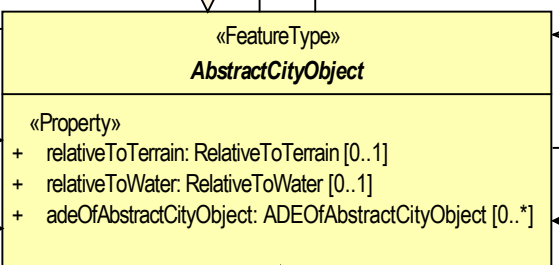
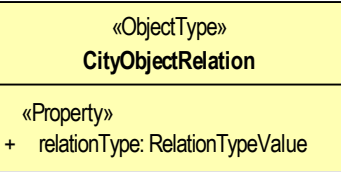
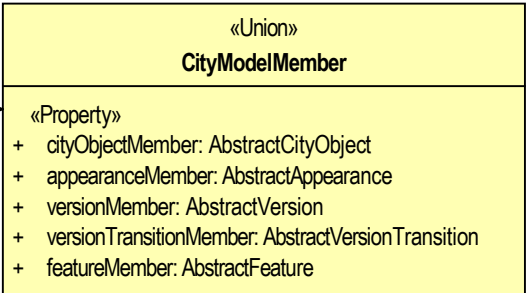
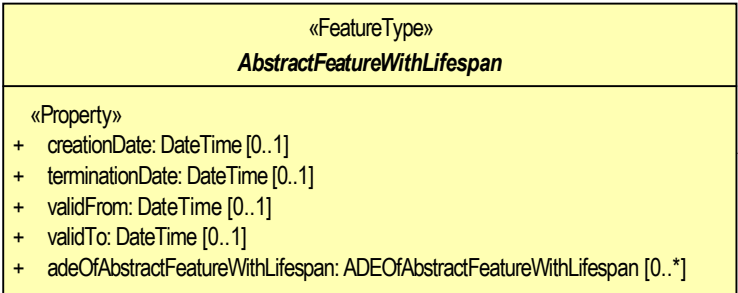
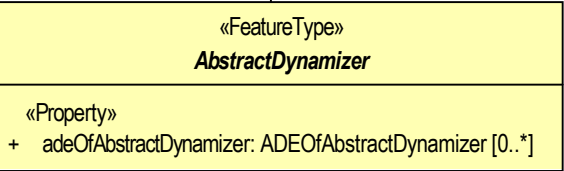
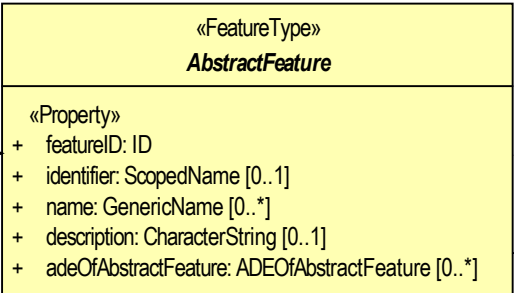
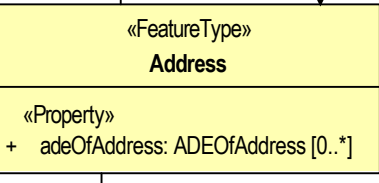
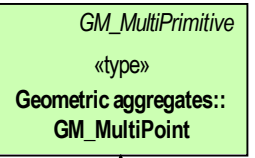
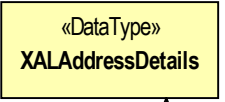
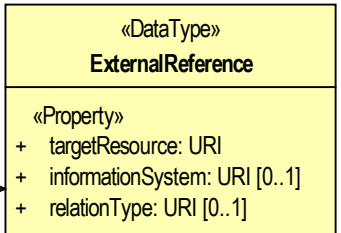
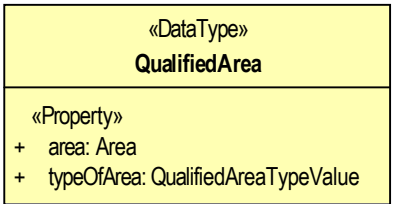
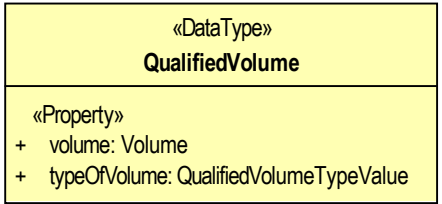
Class defined in another
Requirements Class

Class defined in ISO 19107,
ISO 19111 or ISO 19123

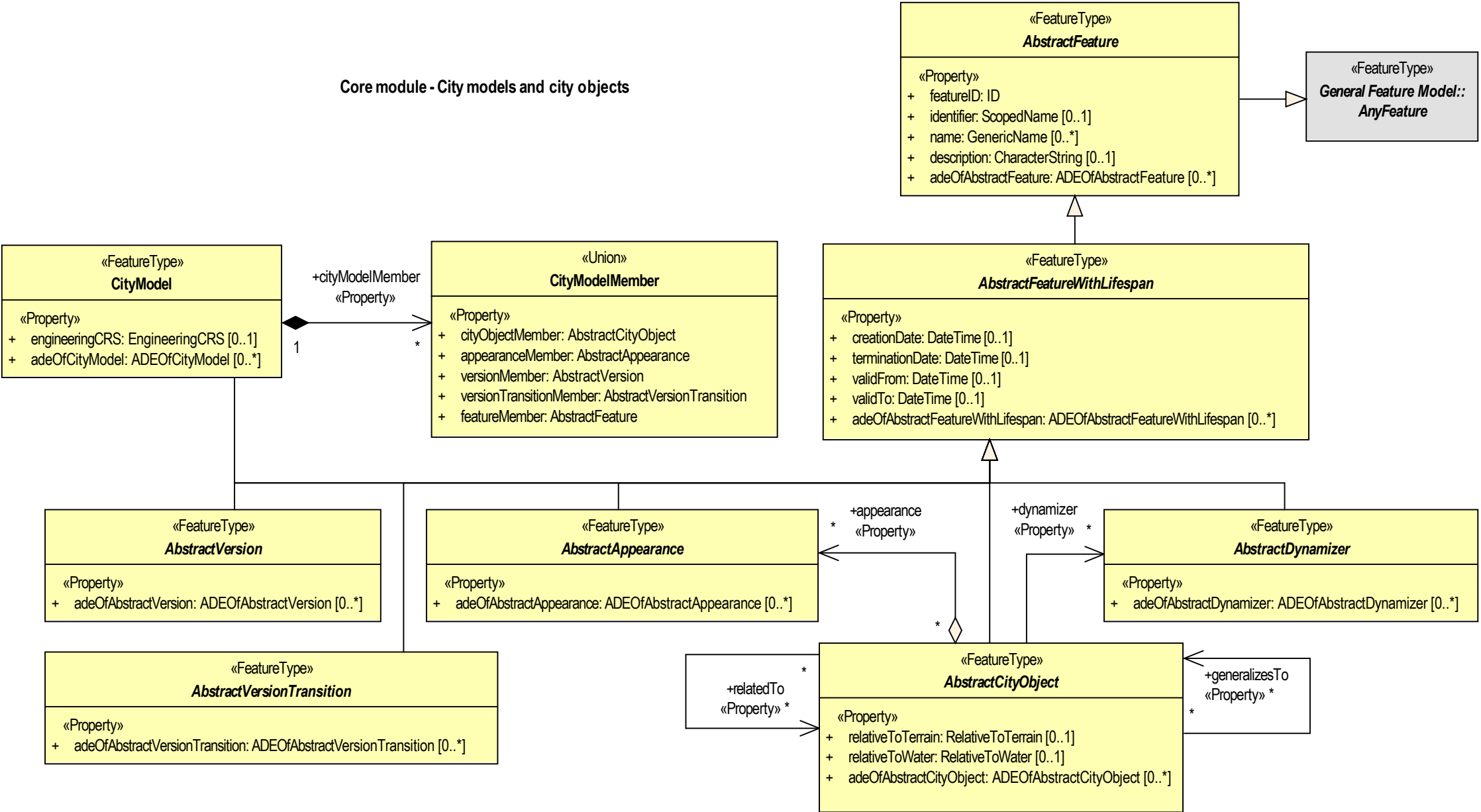
Class defined in ISO 19109

Notes and OCL constraints

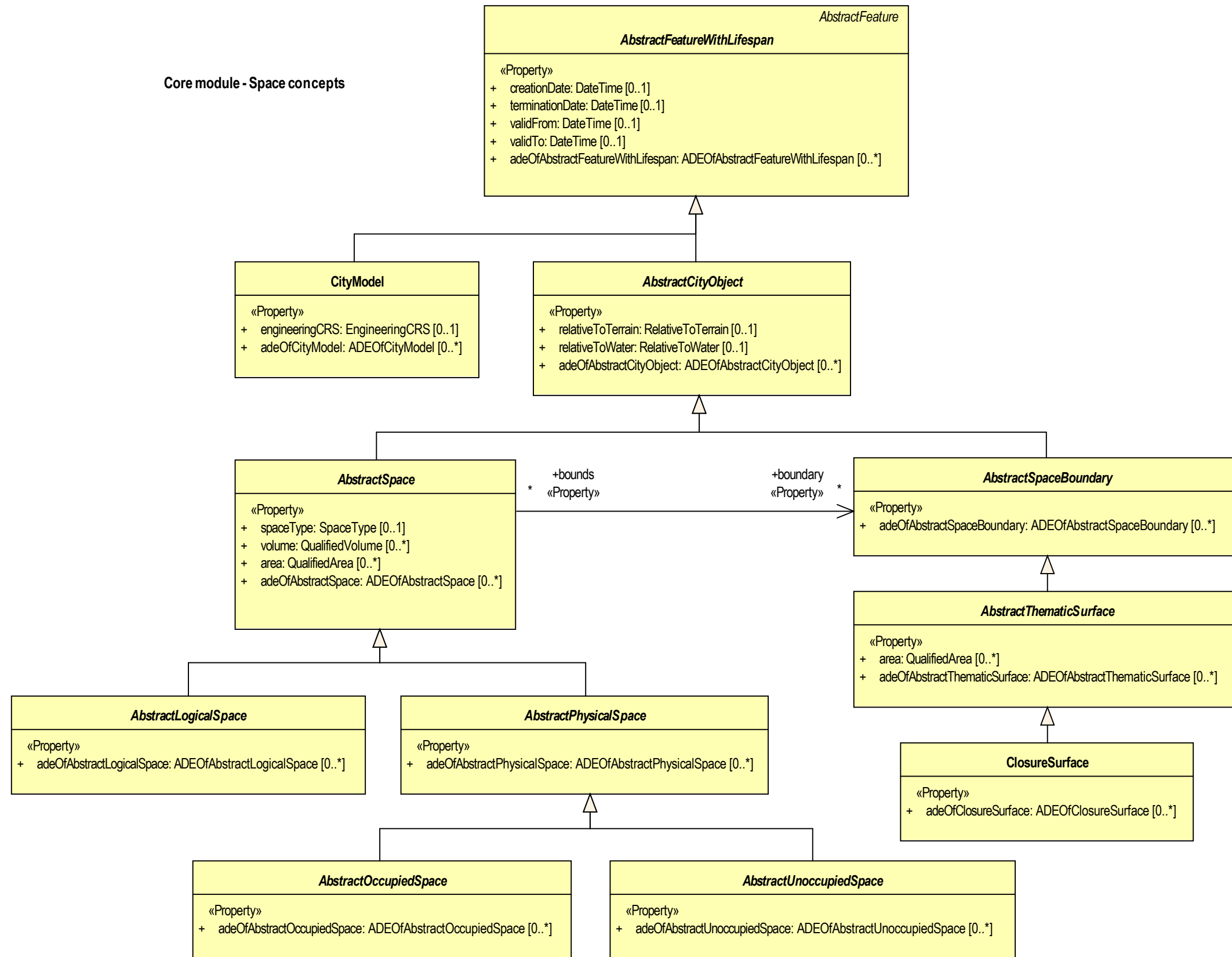
Core module - Overview



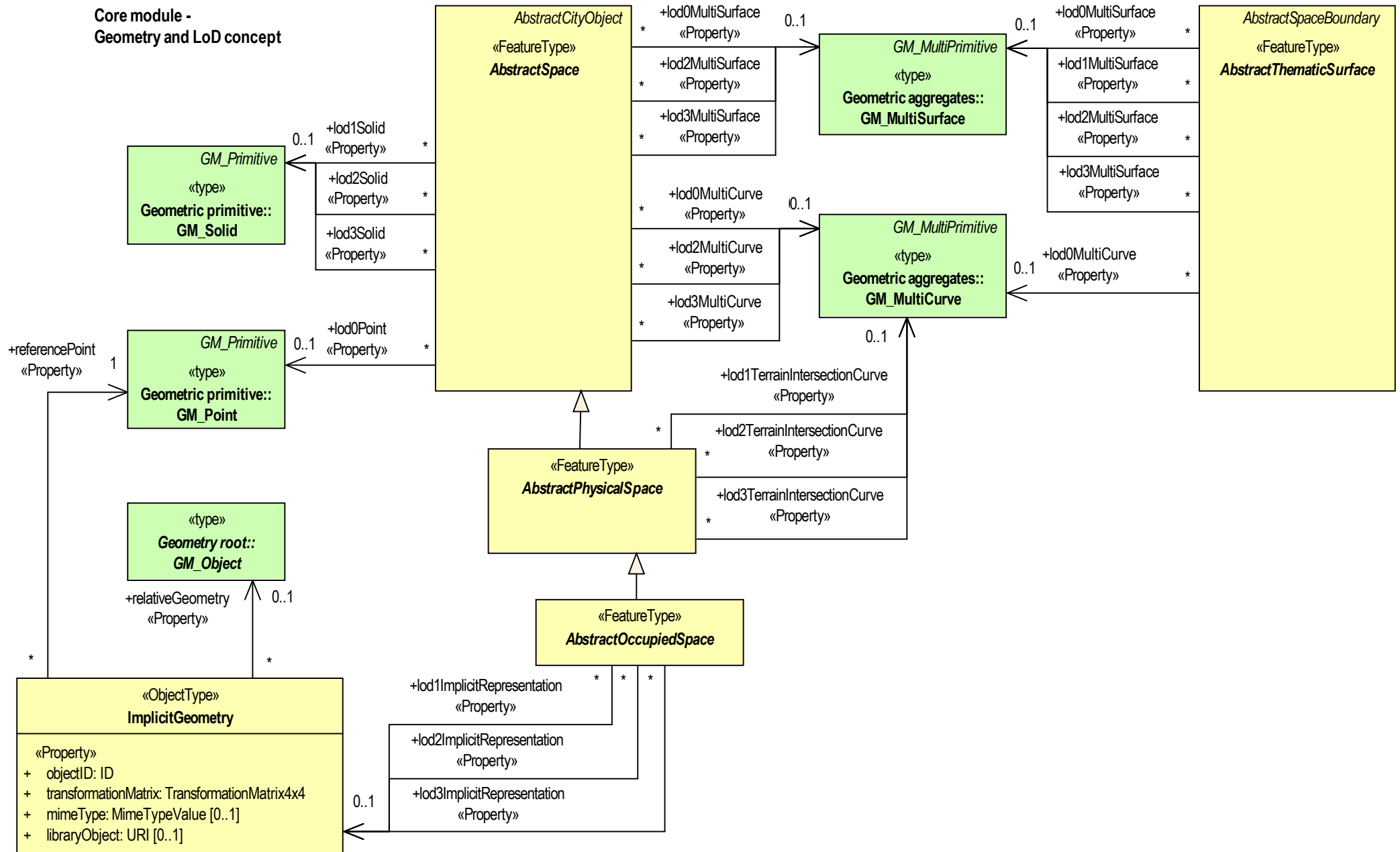
Core module - City models and city objects



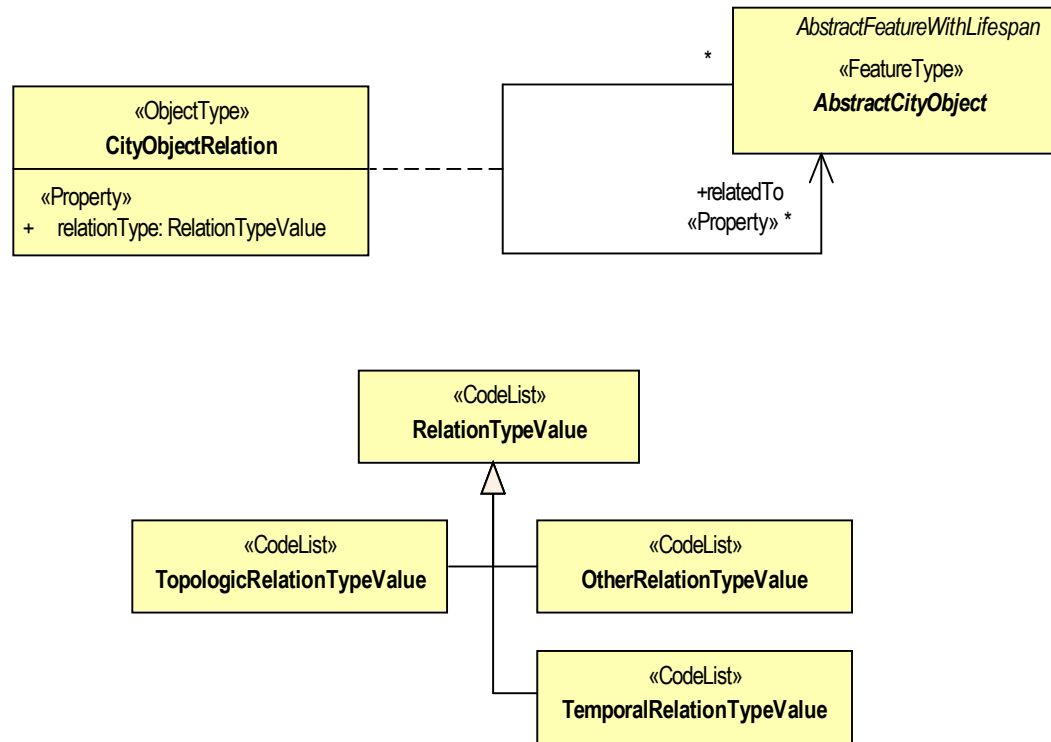
Core module - Space concepts



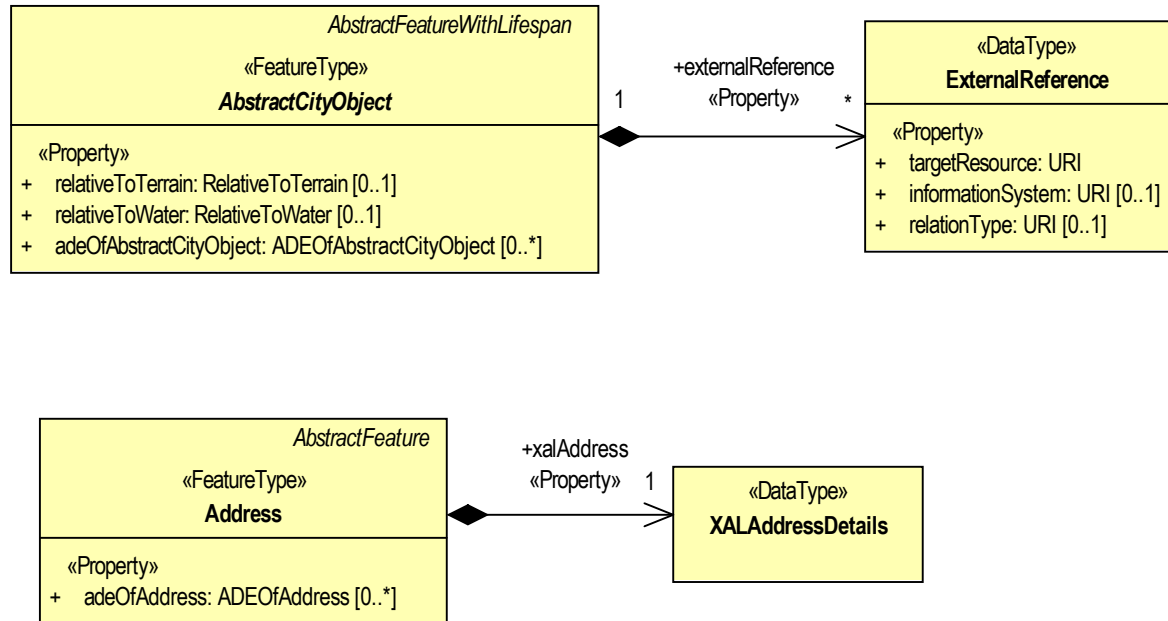
**Core module -
Geometry and LoD concept**



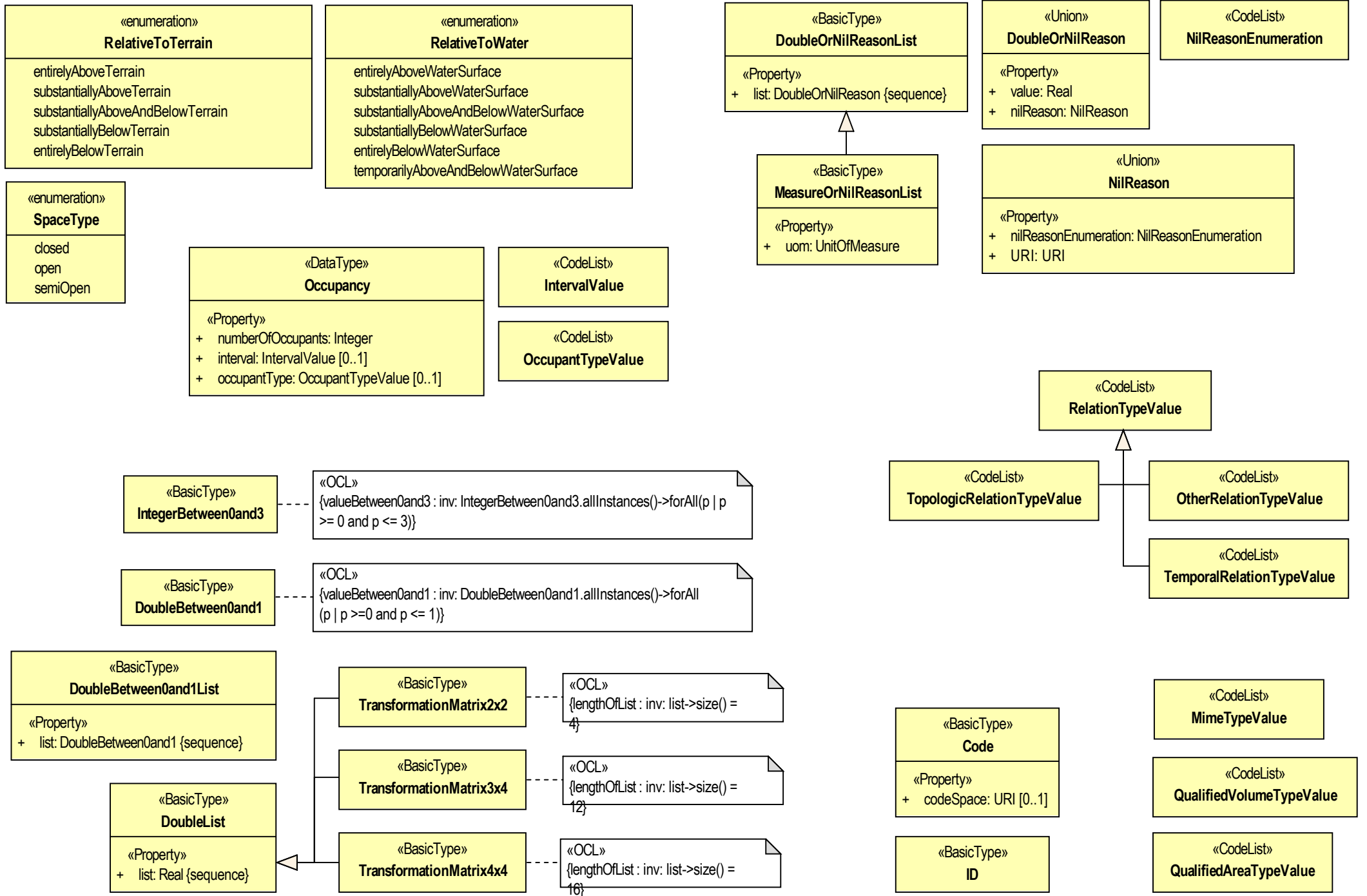
Core module - City object relations



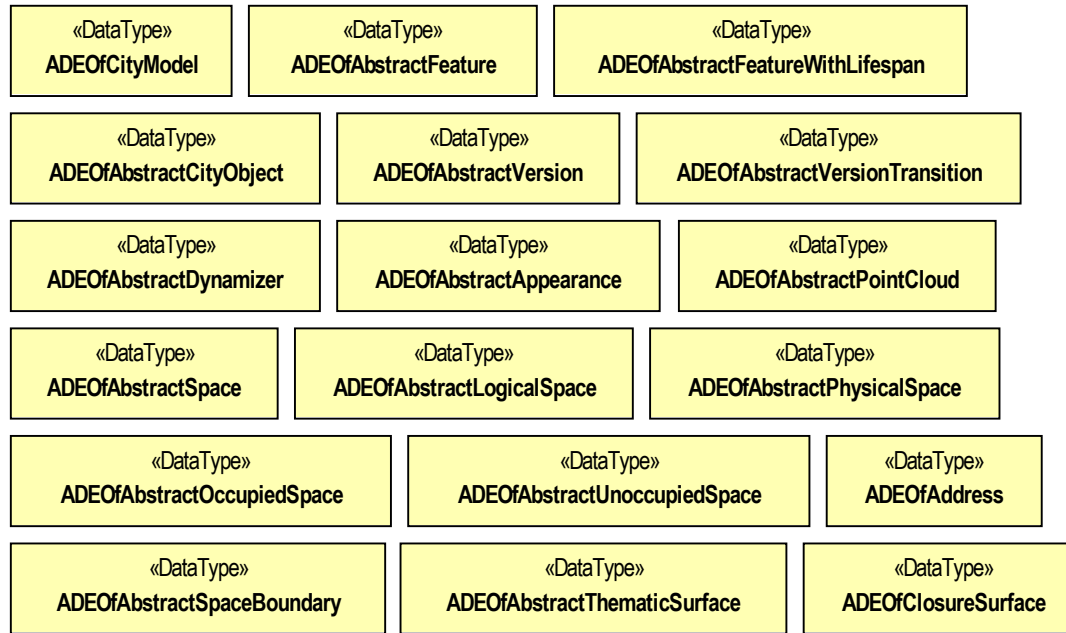
Core module - Miscellaneous

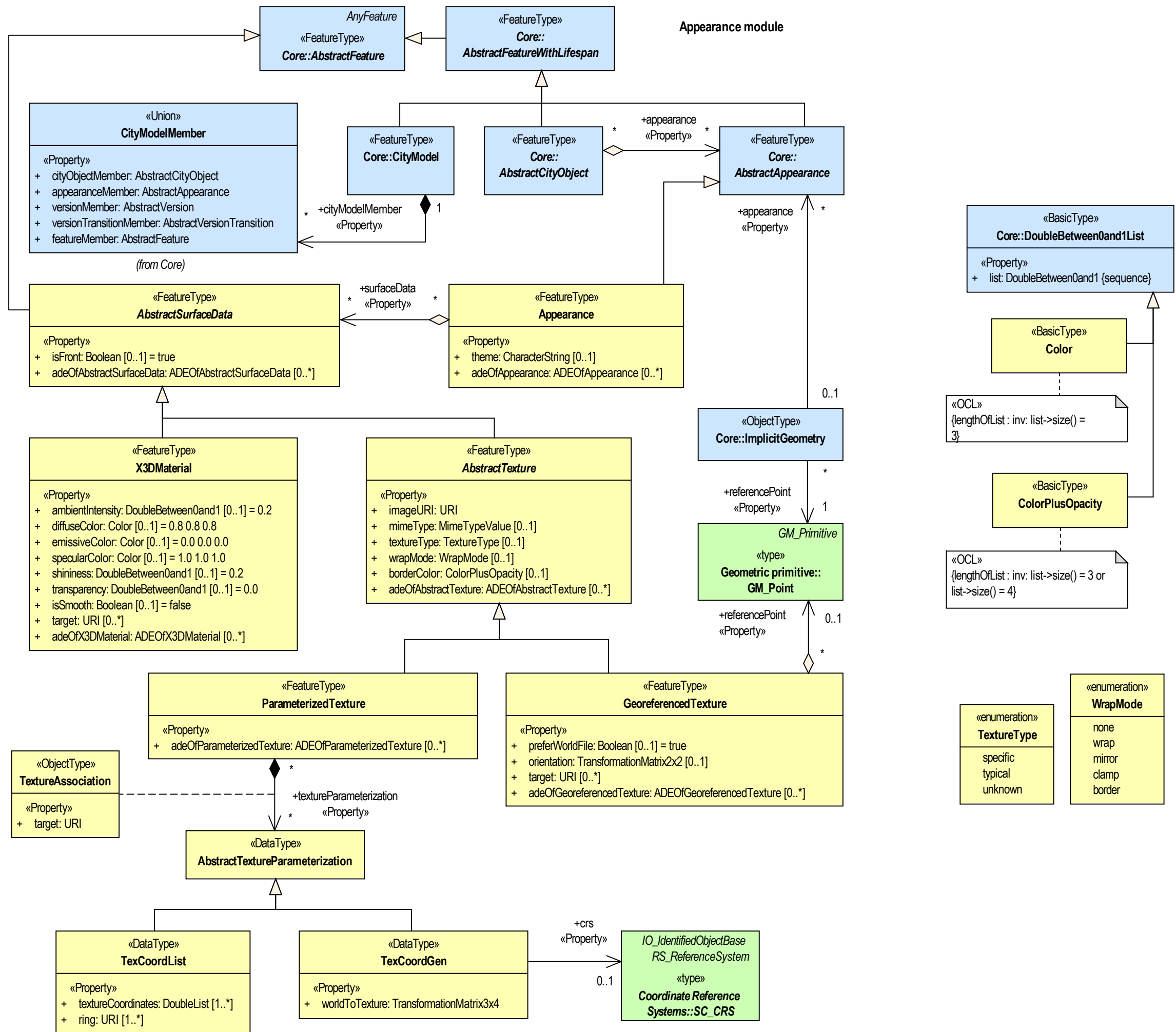


Core module - Basic Types, Enumerations, and Code lists

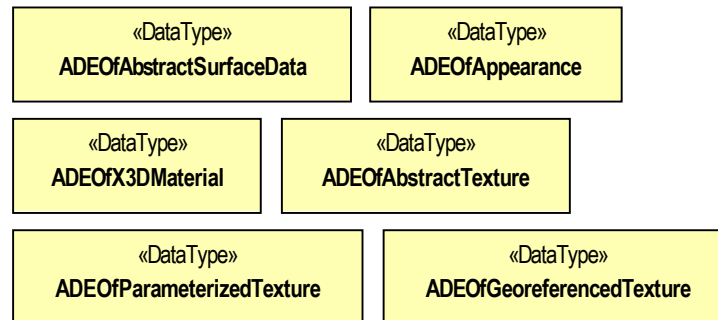


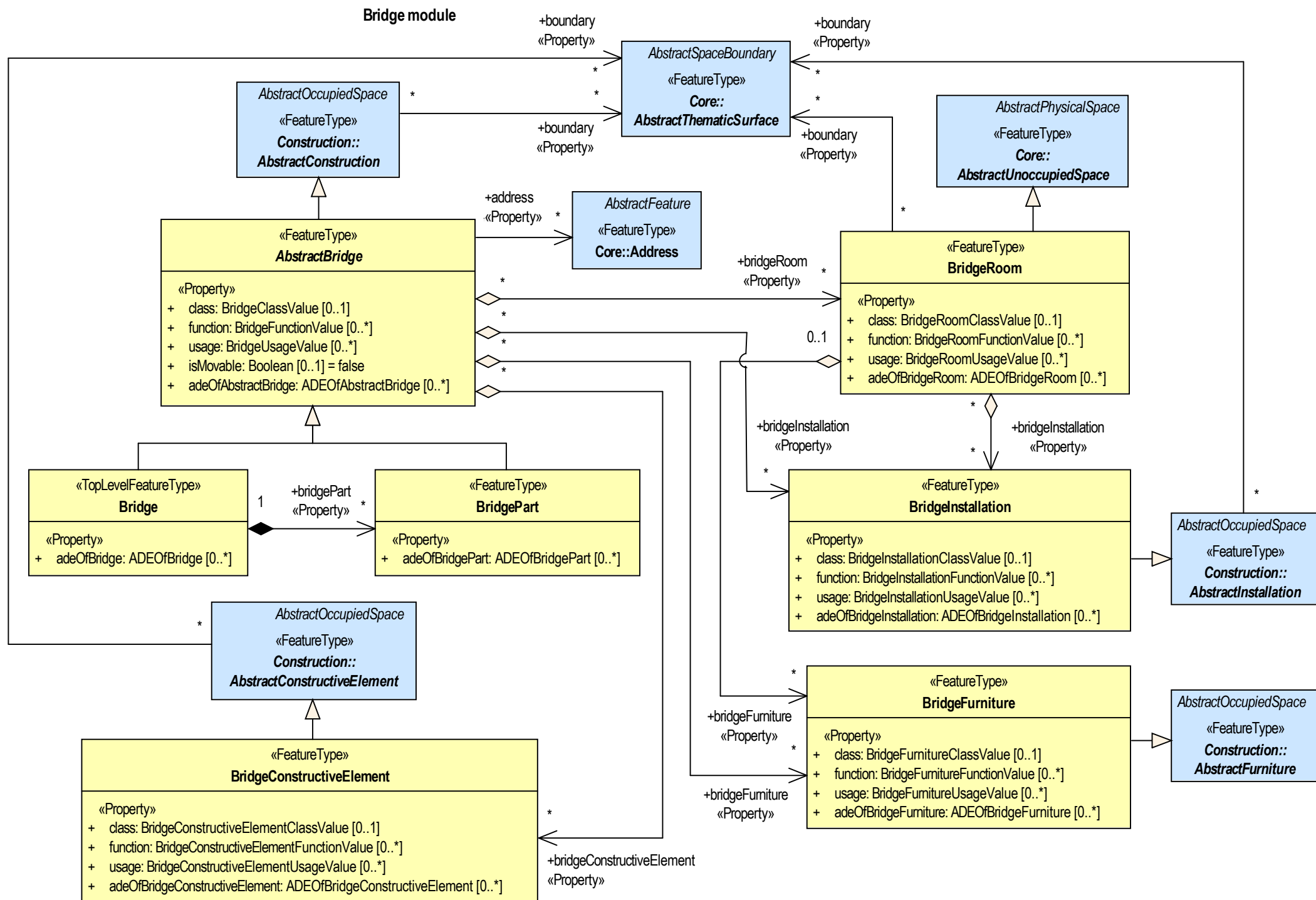
Core module - ADE Data types



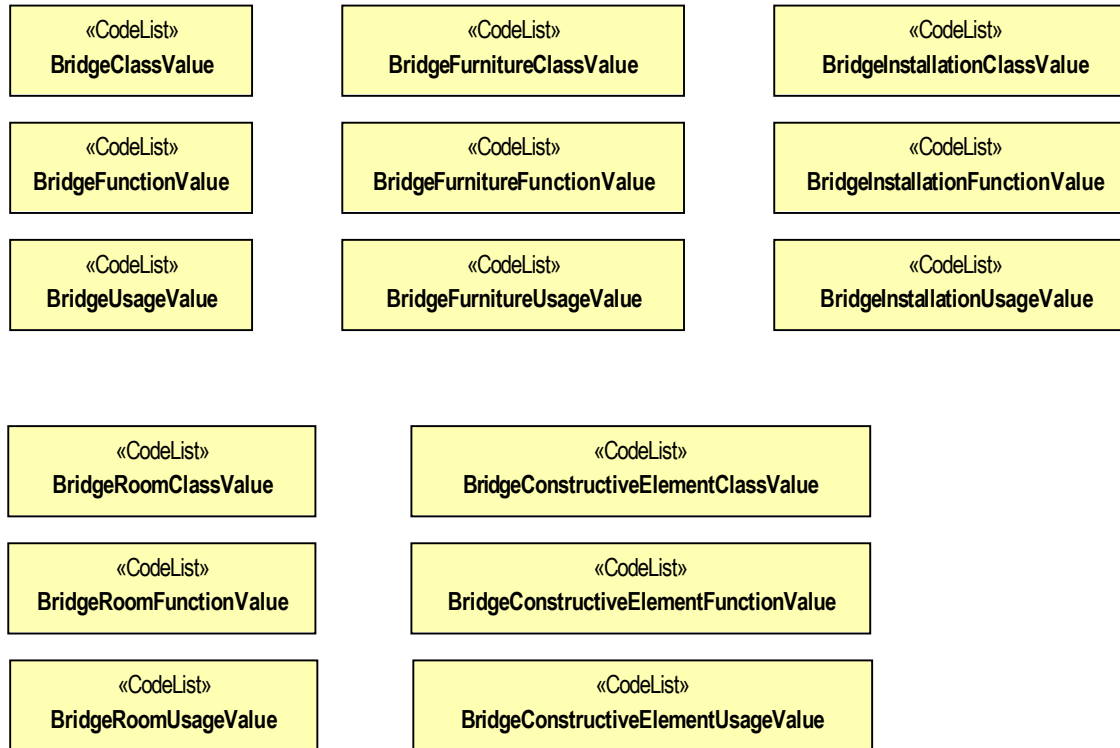


Appearance module - ADE Data types

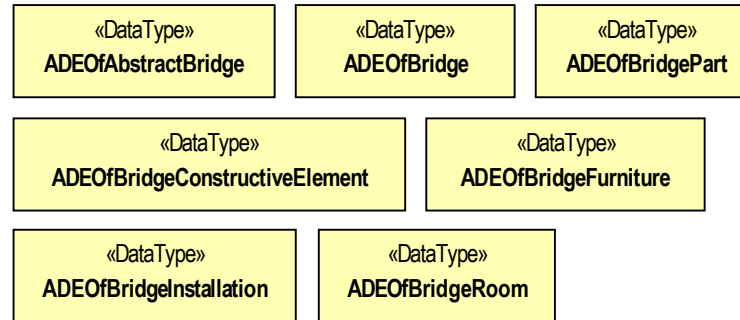




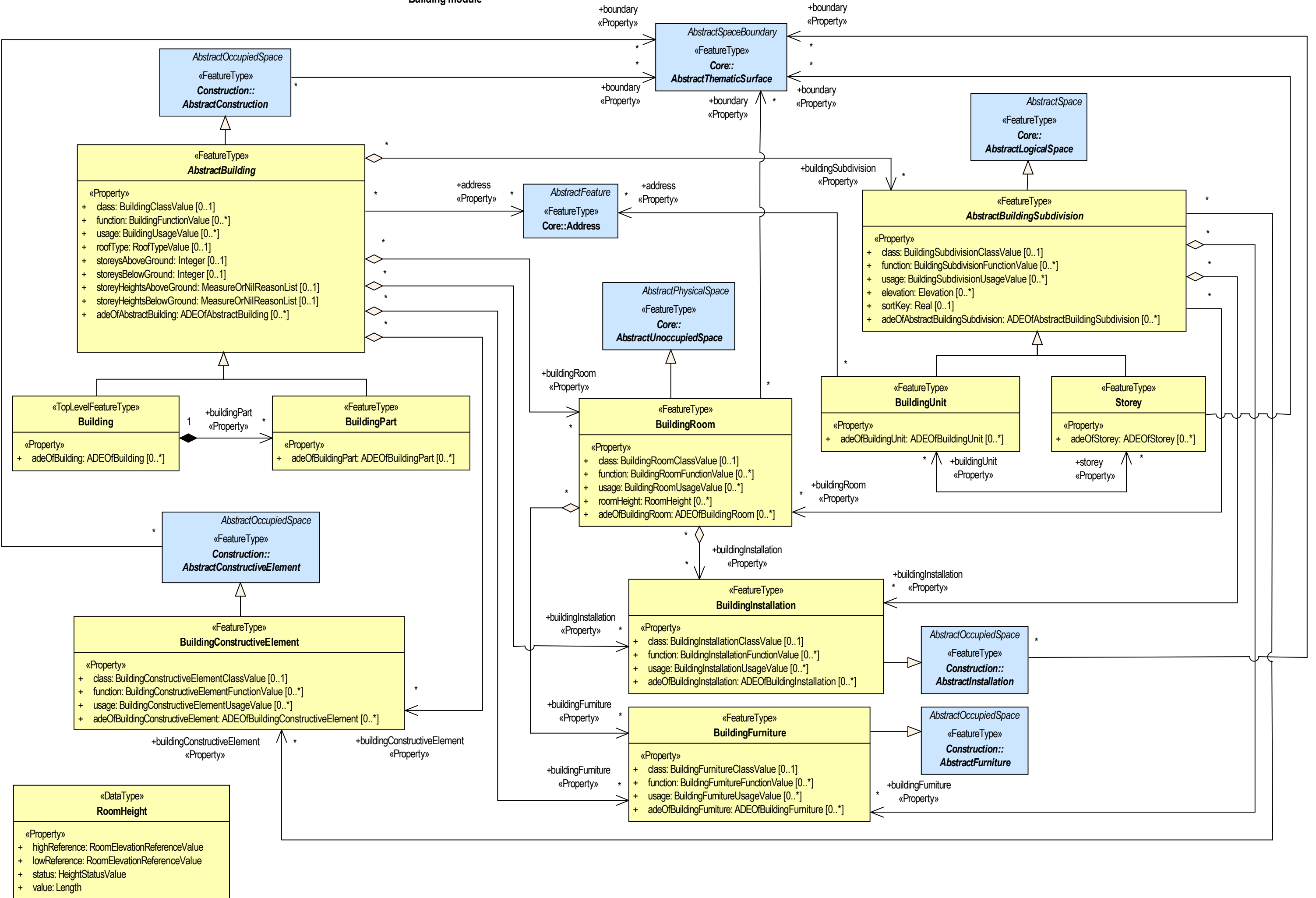
Bridge module - Code lists



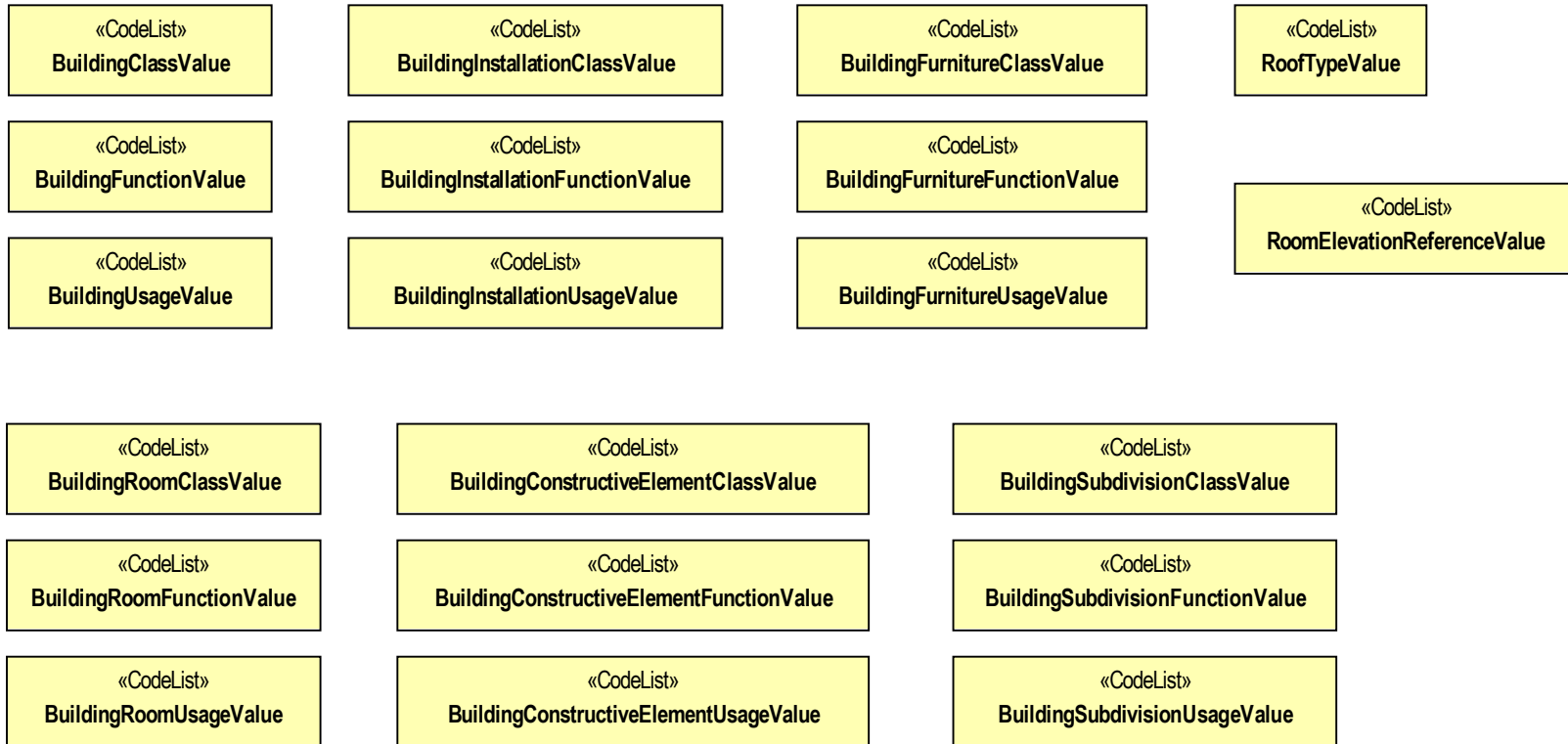
Bridge module - ADE Data types



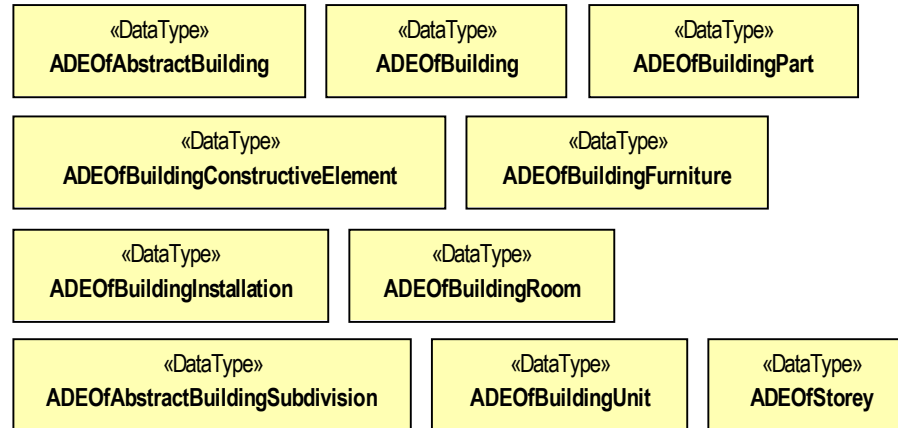
Building module



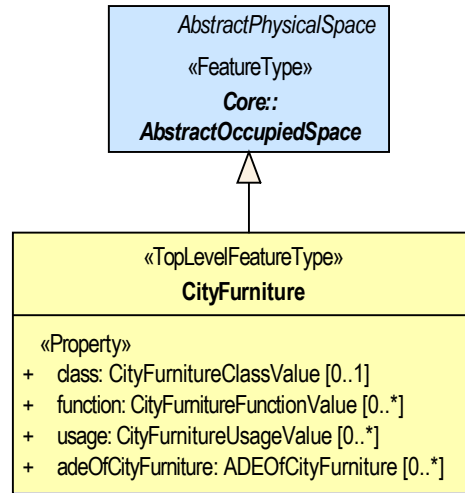
Building module - Code lists



Building module - ADE Data types



CityFurniture module



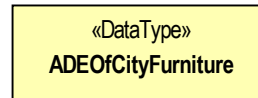
CityFurniture module - Code lists

«CodeList»
CityFurnitureClassValue

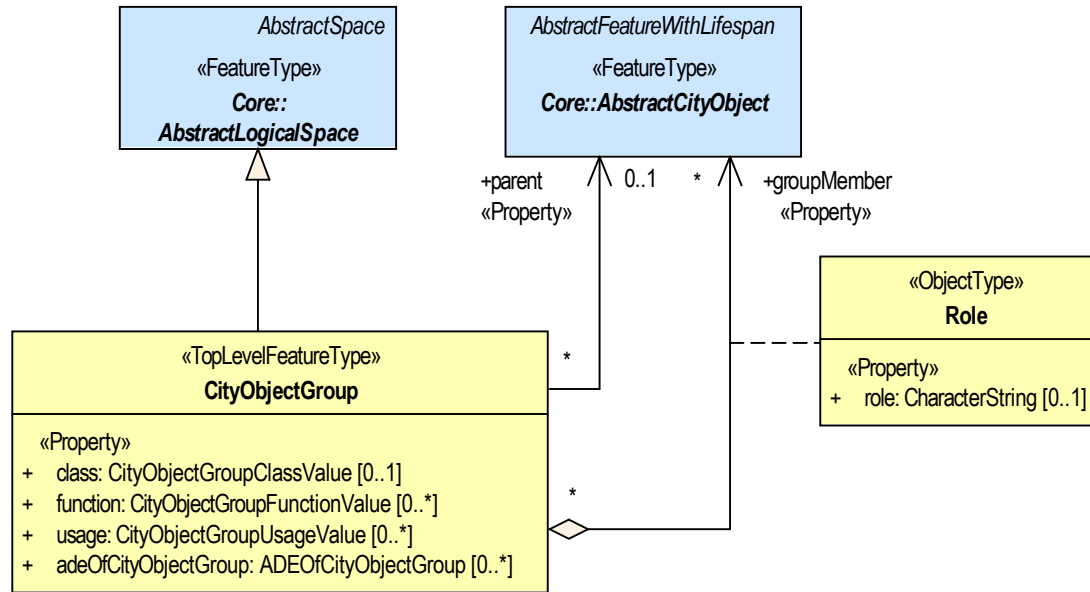
«CodeList»
CityFurnitureFunctionValue

«CodeList»
CityFurnitureUsageValue

CityFurniture module - ADE Data types



CityObjectGroup module



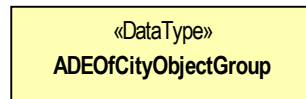
CityObjectGroup module - Code lists

«CodeList»
CityObjectGroupClassValue

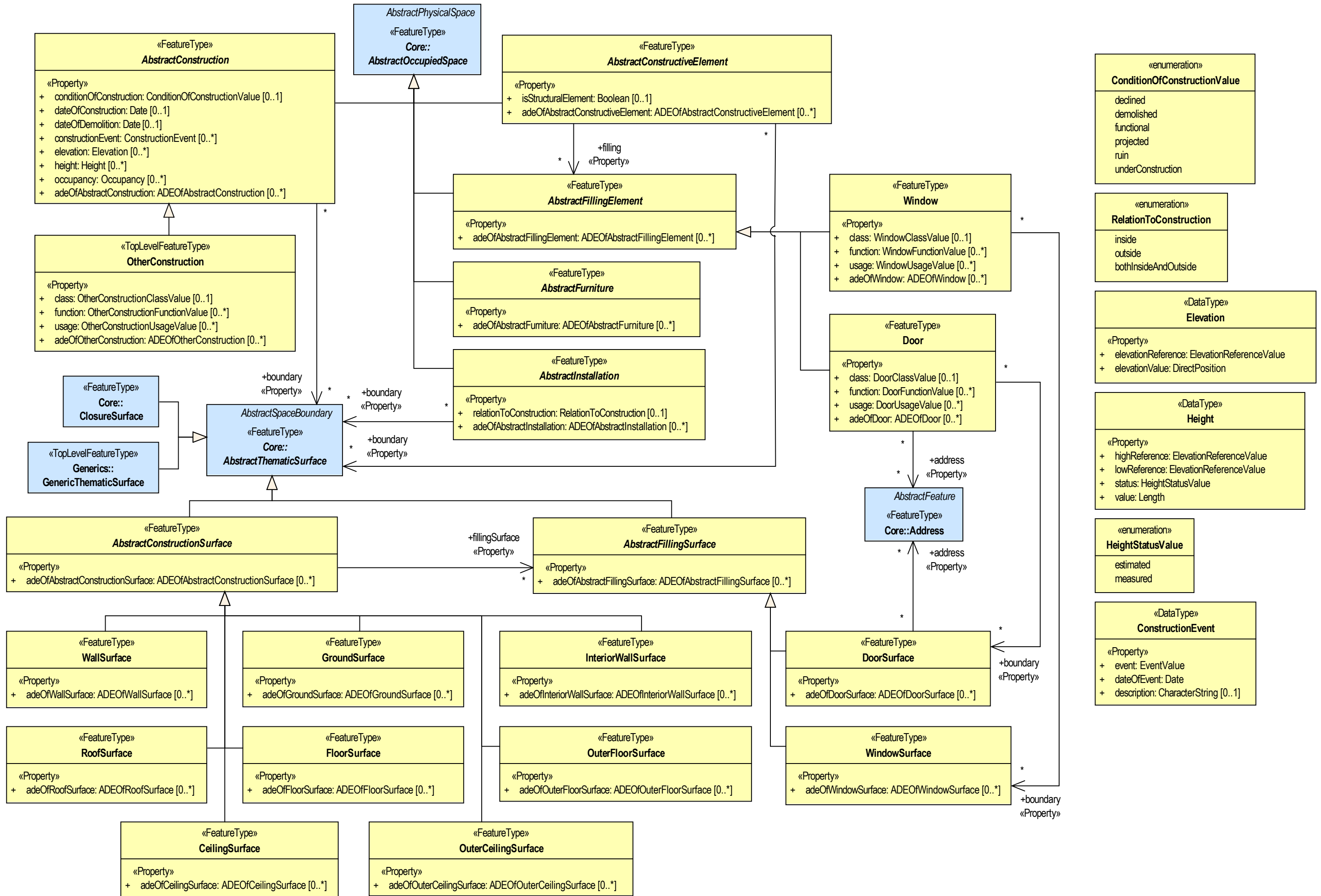
«CodeList»
CityObjectGroupFunctionValue

«CodeList»
CityObjectGroupUsageValue

CityObjectGroup module - ADE Data types



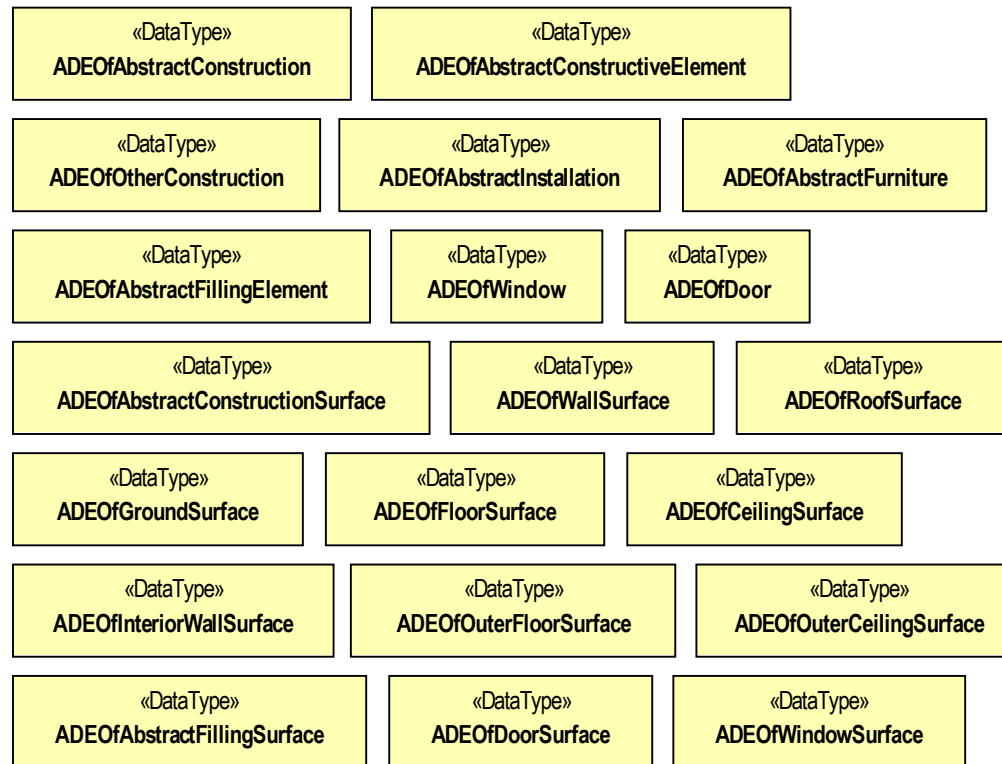
Construction module

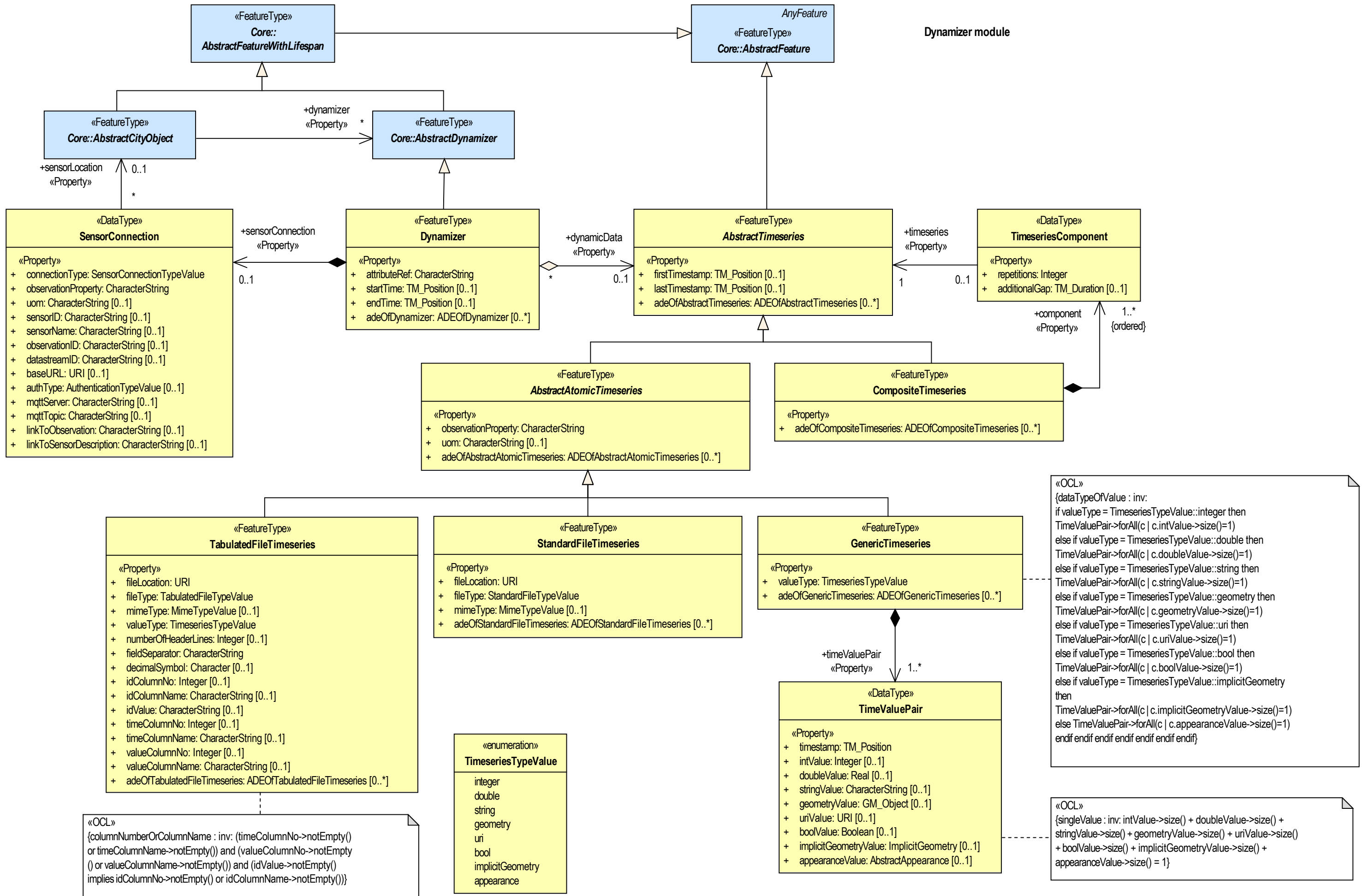


Construction module - Code lists

«CodeList» OtherConstructionClassValue	«CodeList» WindowClassValue	«CodeList» DoorClassValue	«CodeList» EventValue
«CodeList» OtherConstructionFunctionValue	«CodeList» WindowFunctionValue	«CodeList» DoorFunctionValue	
«CodeList» OtherConstructionUsageValue	«CodeList» WindowUsageValue	«CodeList» DoorUsageValue	«CodeList» ElevationReferenceValue

Construction module - ADE Data types





Dynamizer module - Code lists

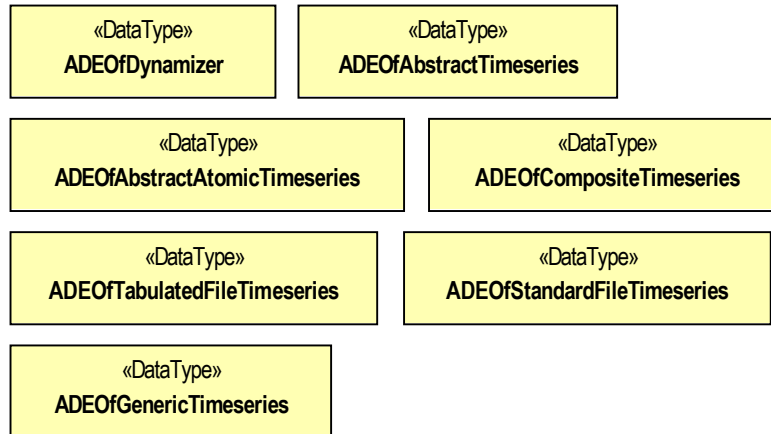
«CodeList»
SensorConnectionTypeValue

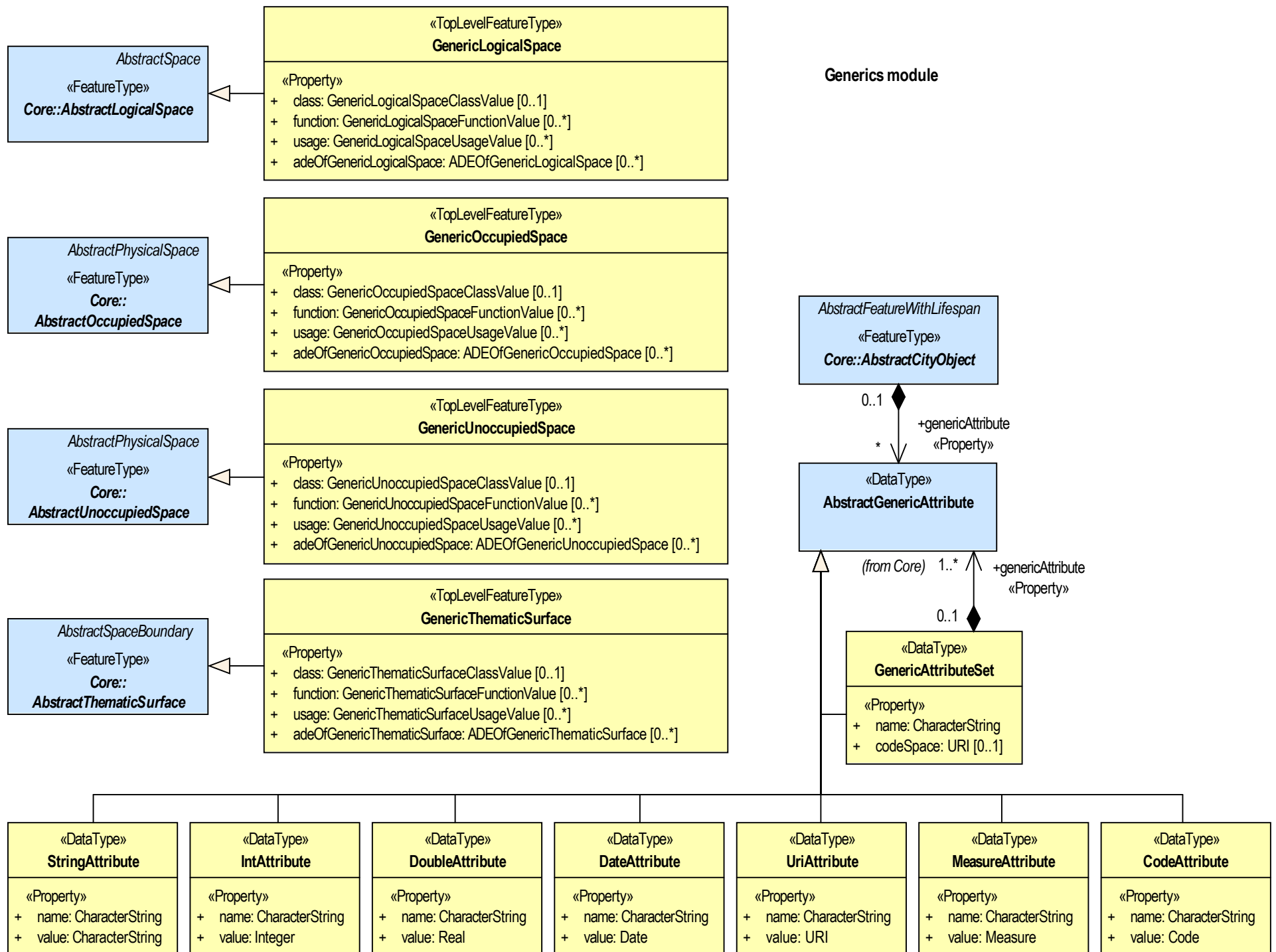
«CodeList»
TabulatedFileTypeValue

«CodeList»
StandardFileTypeValue

«CodeList»
AuthenticationTypeValue

Dynamizer module - ADE Data types





Generics module - Code lists

«CodeList»
GenericLogicalSpaceClassValue

«CodeList»
GenericOccupiedSpaceClassValue

«CodeList»
GenericUnoccupiedSpaceClassValue

«CodeList»
GenericThematicSurfaceClassValue

«CodeList»
GenericLogicalSpaceFunctionValue

«CodeList»
GenericOccupiedSpaceFunctionValue

«CodeList»
GenericUnoccupiedSpaceFunctionValue

«CodeList»
GenericThematicSurfaceFunctionValue

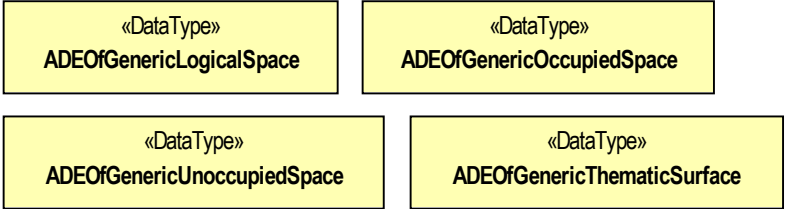
«CodeList»
GenericLogicalSpaceUsageValue

«CodeList»
GenericOccupiedSpaceUsageValue

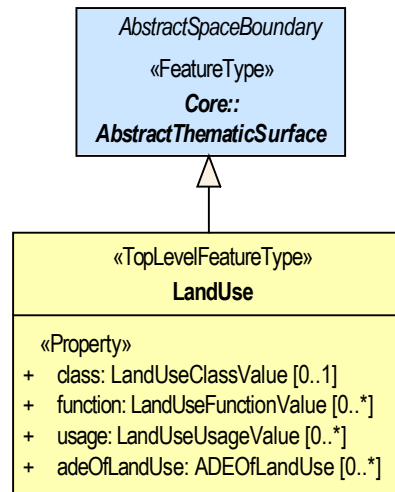
«CodeList»
GenericUnoccupiedSpaceUsageValue

«CodeList»
GenericThematicSurfaceUsageValue

Generics module - ADE Data types



LandUse module



LandUse module - Code lists

«CodeList»

LandUseClassValue

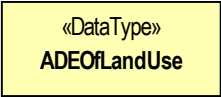
«CodeList»

LandUseFunctionValue

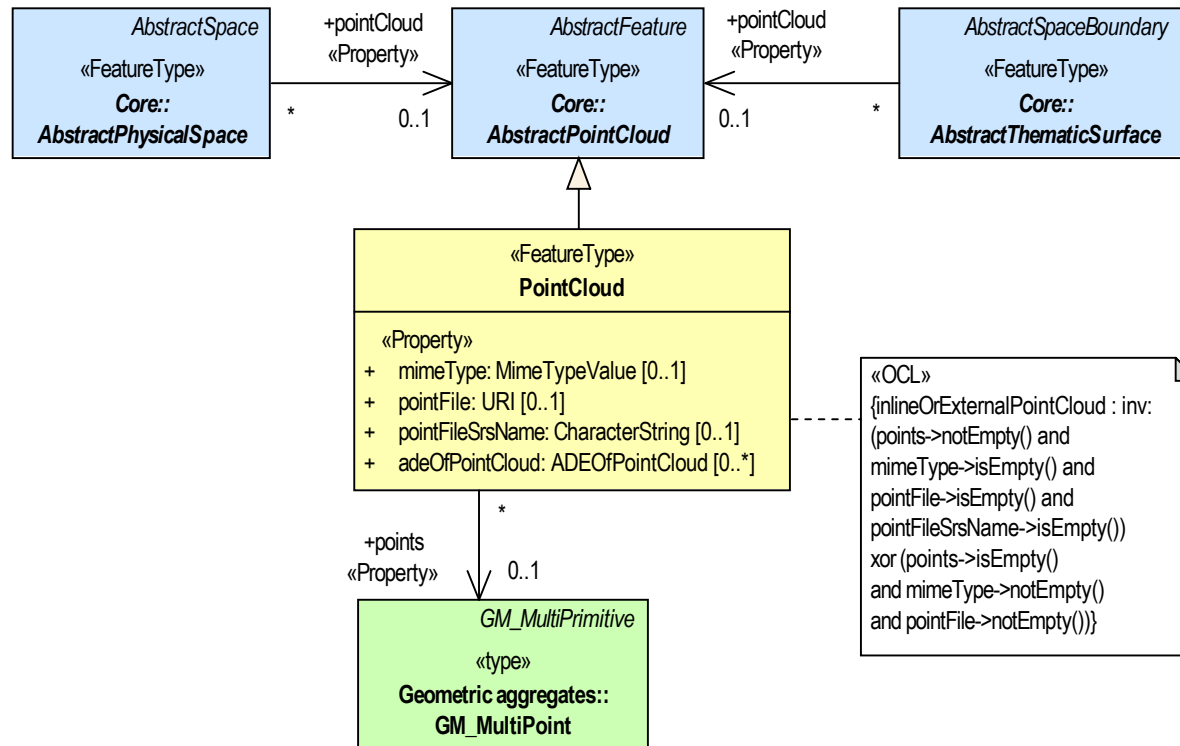
«CodeList»

LandUseUsageValue

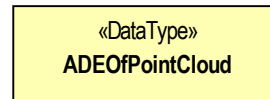
LandUse module - ADE Data types

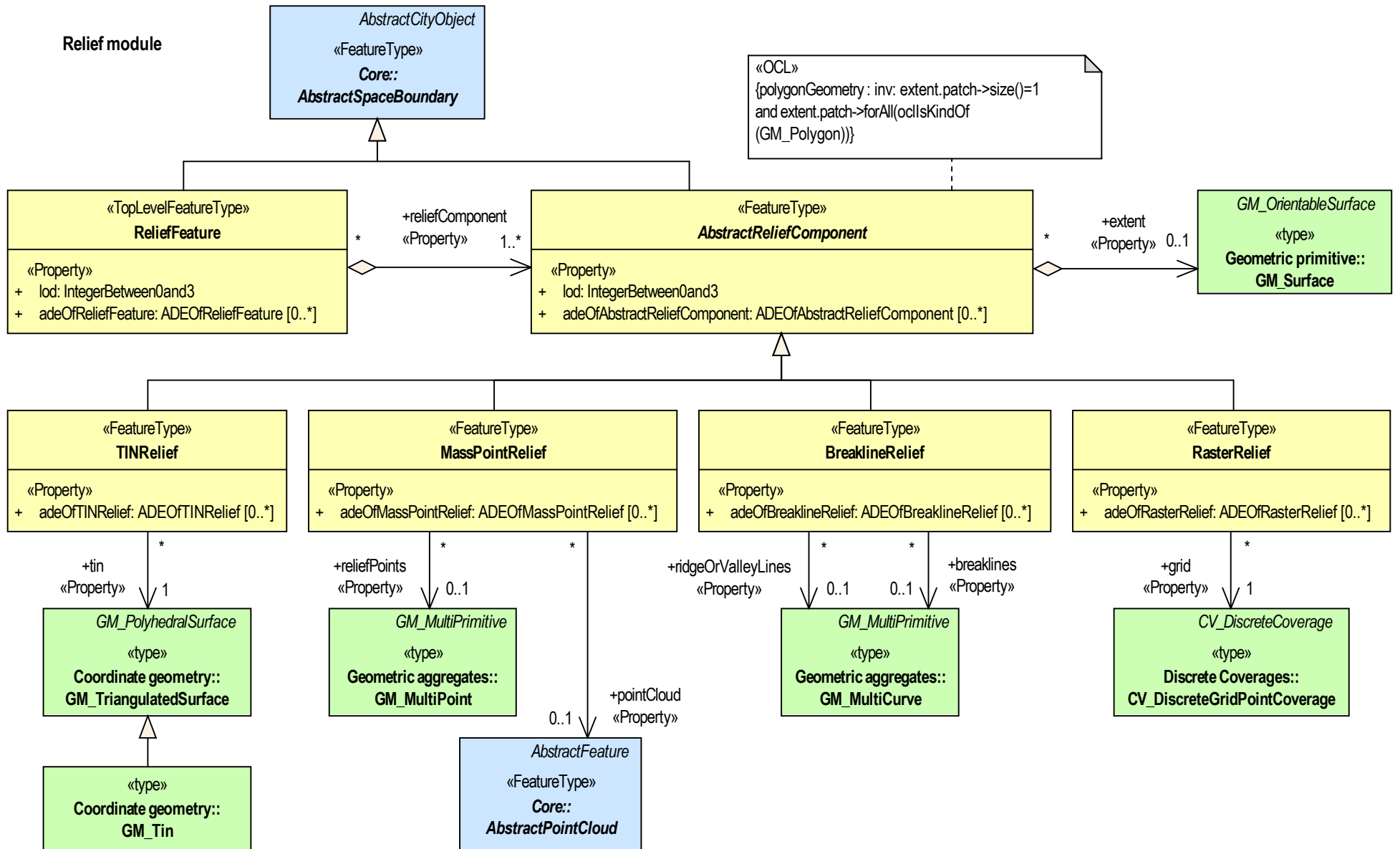


PointCloud module

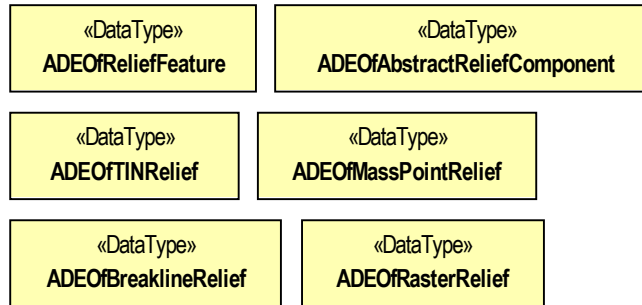


PointCloud module - ADE Data types

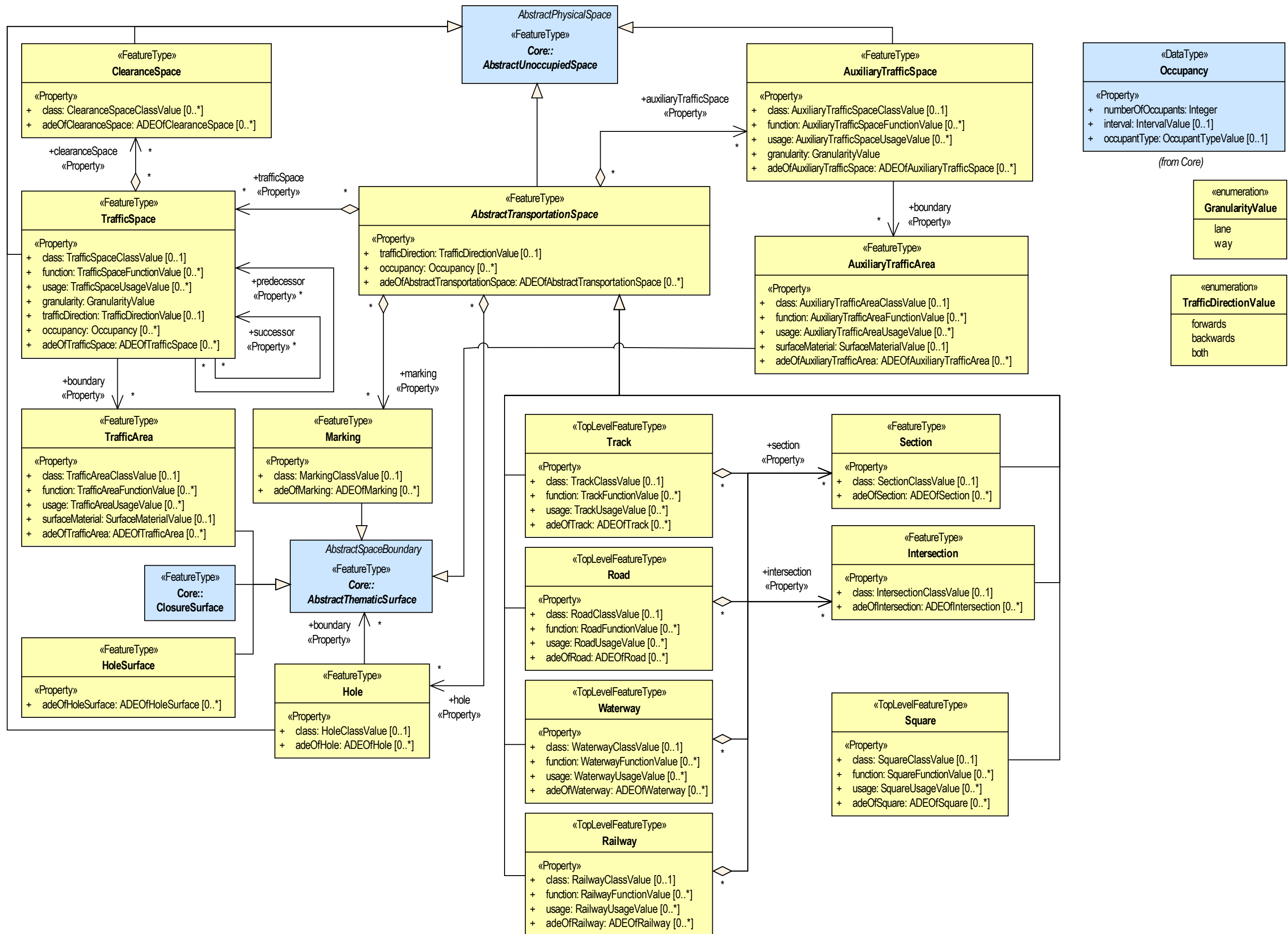




Relief module - ADE Data types



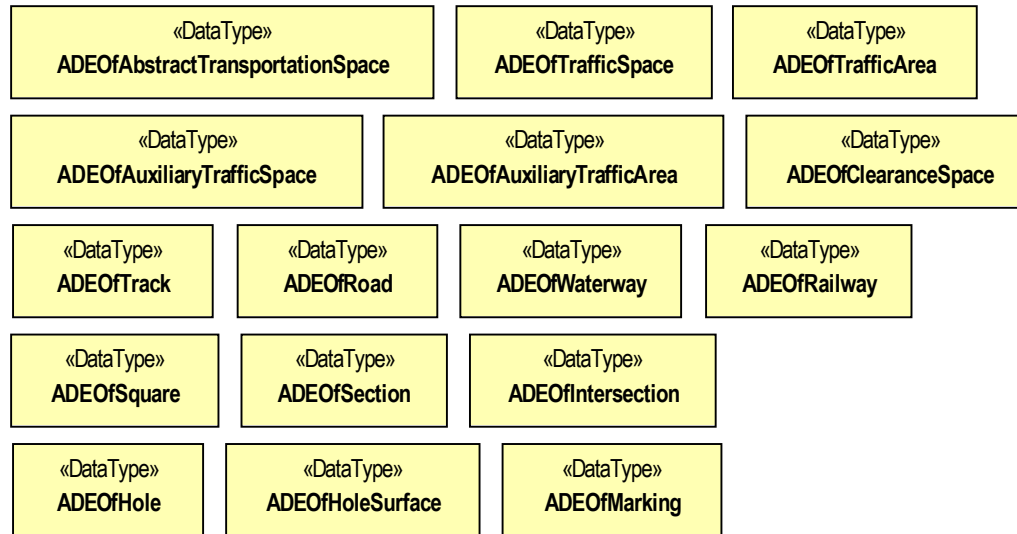
Transportation module

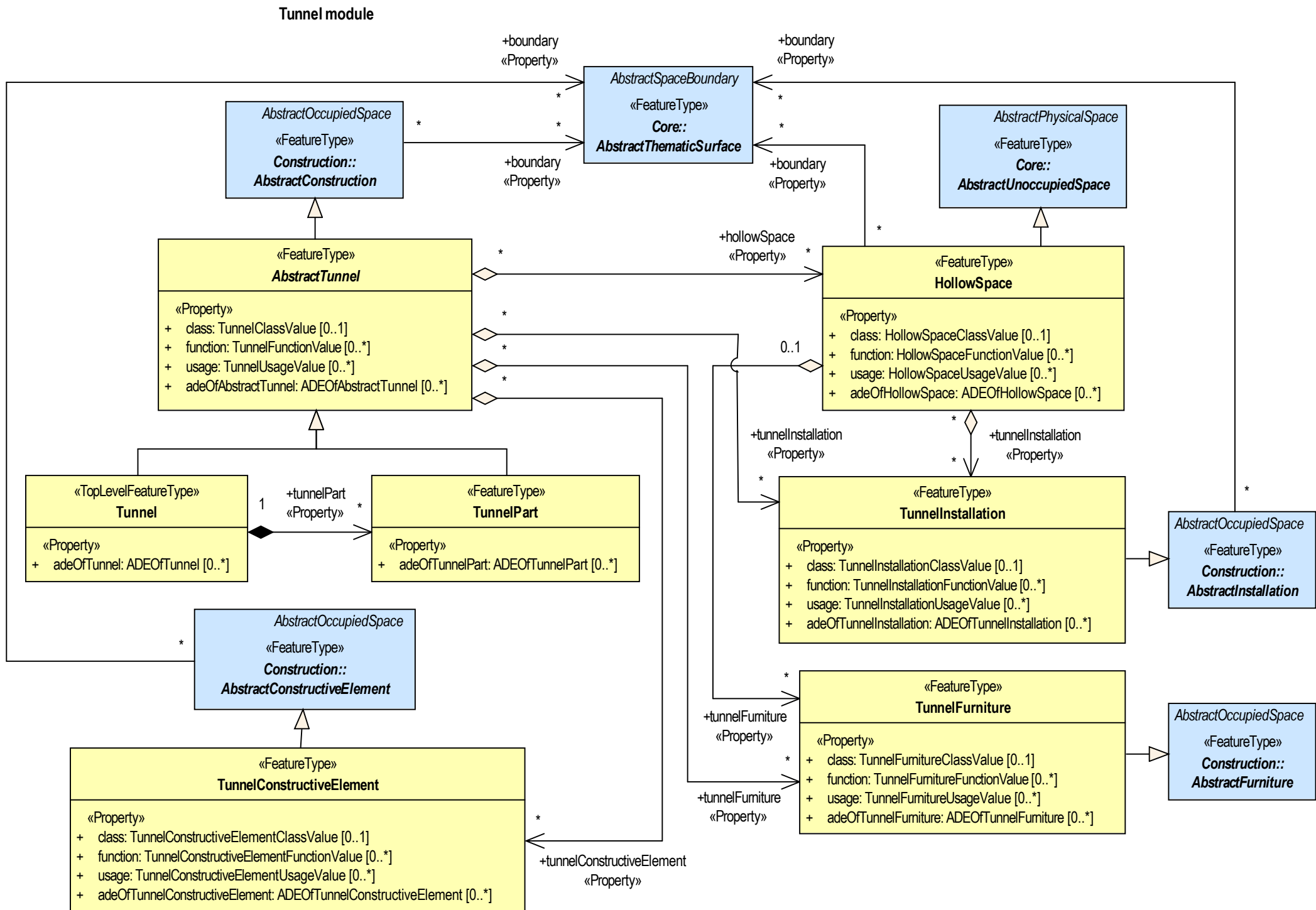


Transportation module - Code lists

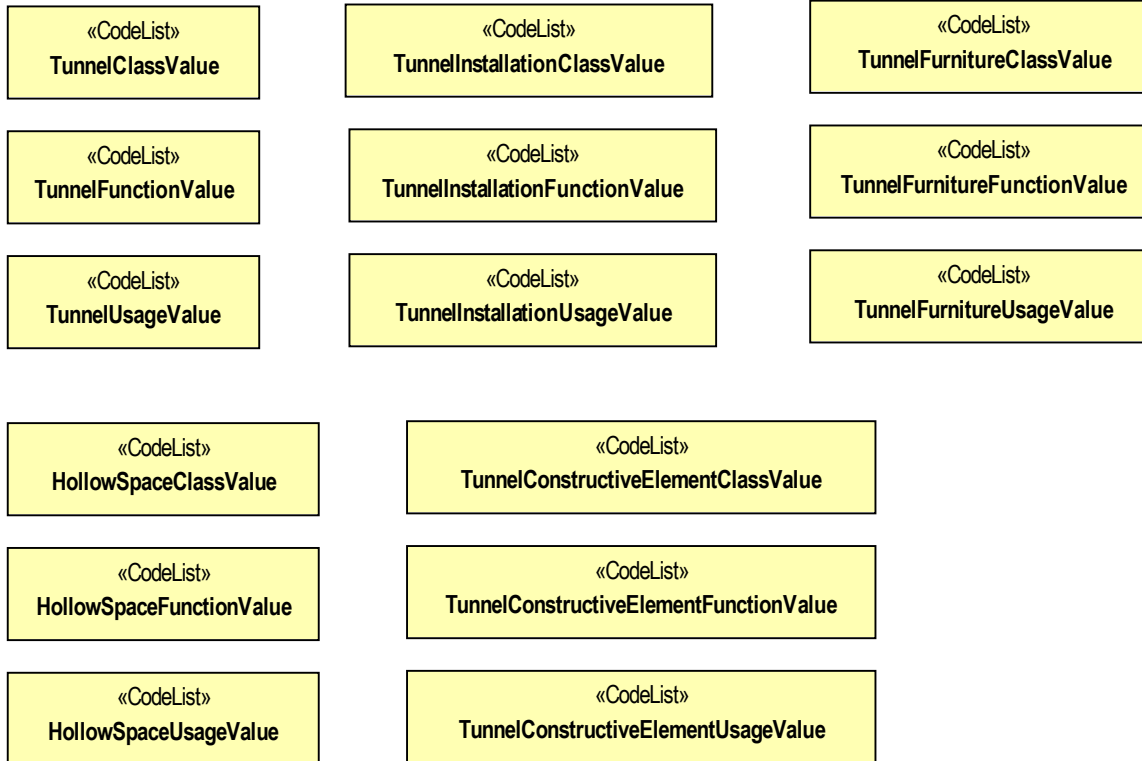
«CodeList» TransportationSpaceClassValue	«CodeList» TrafficSpaceClassValue	«CodeList» TrafficAreaClassValue	«CodeList» ClearanceSpaceClassValue	
«CodeList» TransportationSpaceFunctionValue	«CodeList» TrafficSpaceFunctionValue	«CodeList» TrafficAreaFunctionValue		
«CodeList» TransportationSpaceUsageValue	«CodeList» TrafficSpaceUsageValue	«CodeList» TrafficAreaUsageValue	«CodeList» SurfaceMaterialValue	
«CodeList» AuxiliaryTrafficSpaceClassValue	«CodeList» AuxiliaryTrafficAreaClassValue	«CodeList» SectionClassValue	«CodeList» HoleClassValue	
«CodeList» AuxiliaryTrafficSpaceFunctionValue	«CodeList» AuxiliaryTrafficAreaFunctionValue	«CodeList» IntersectionClassValue	«CodeList» MarkingClassValue	
«CodeList» AuxiliaryTrafficSpaceUsageValue	«CodeList» AuxiliaryTrafficAreaUsageValue			
«CodeList» TrackClassValue	«CodeList» RoadClassValue	«CodeList» WaterwayClassValue	«CodeList» RailwayClassValue	«CodeList» SquareClassValue
«CodeList» TrackFunctionValue	«CodeList» RoadFunctionValue	«CodeList» WaterwayFunctionValue	«CodeList» RailwayFunctionValue	«CodeList» SquareFunctionValue
«CodeList» TrackUsageValue	«CodeList» RoadUsageValue	«CodeList» WaterwayUsageValue	«CodeList» RailwayUsageValue	«CodeList» SquareUsageValue

Transportation module - ADE Data types

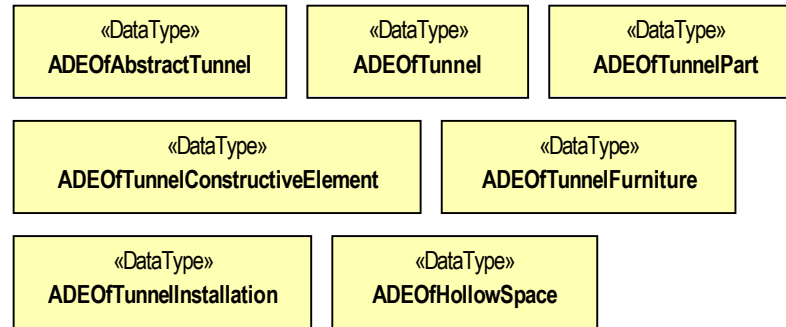




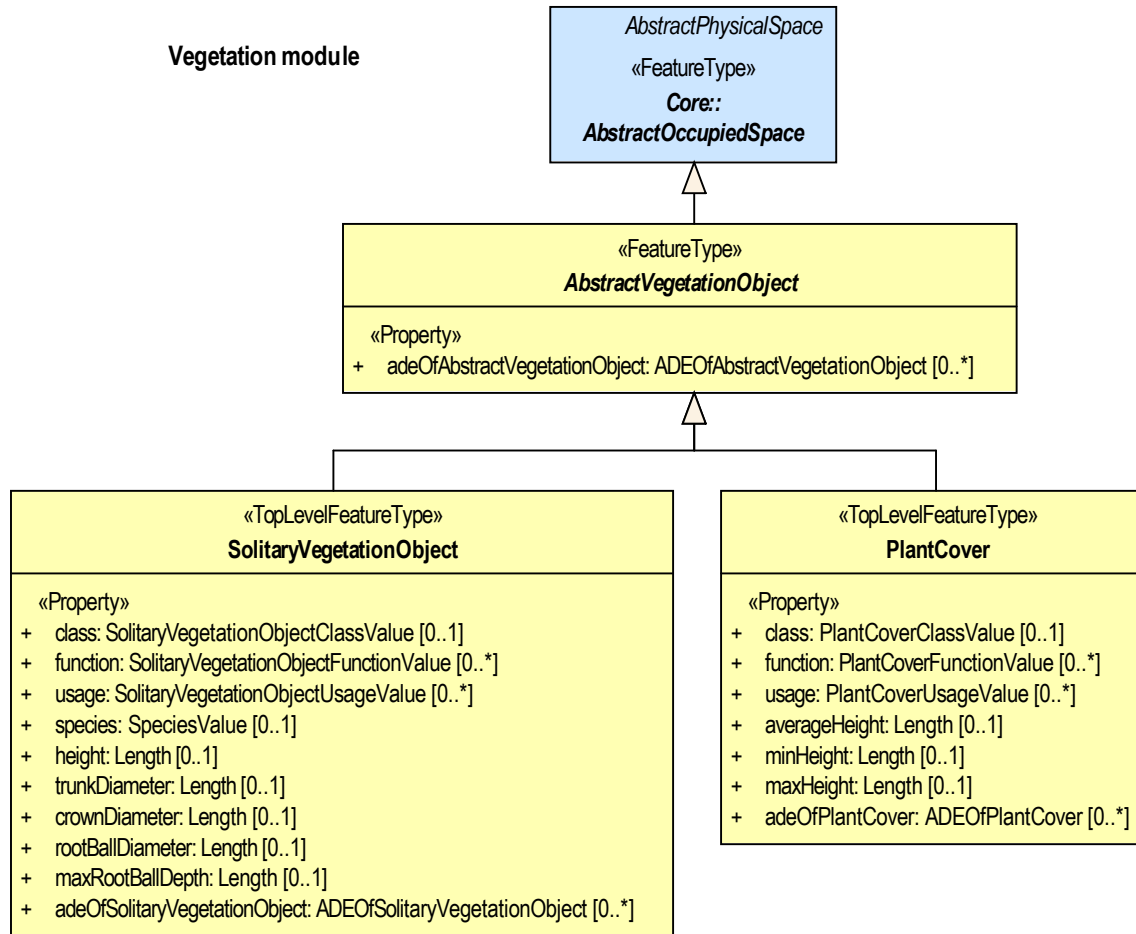
Tunnel module - Code lists



Tunnel - ADE Data types



Vegetation module



Vegetation module - Code lists

«CodeList»
SolitaryVegetationObjectClassValue

«CodeList»
SolitaryVegetationObjectFunctionValue

«CodeList»
SolitaryVegetationObjectUsageValue

«CodeList»
PlantCoverClassValue

«CodeList»
PlantCoverFunctionValue

«CodeList»
PlantCoverUsageValue

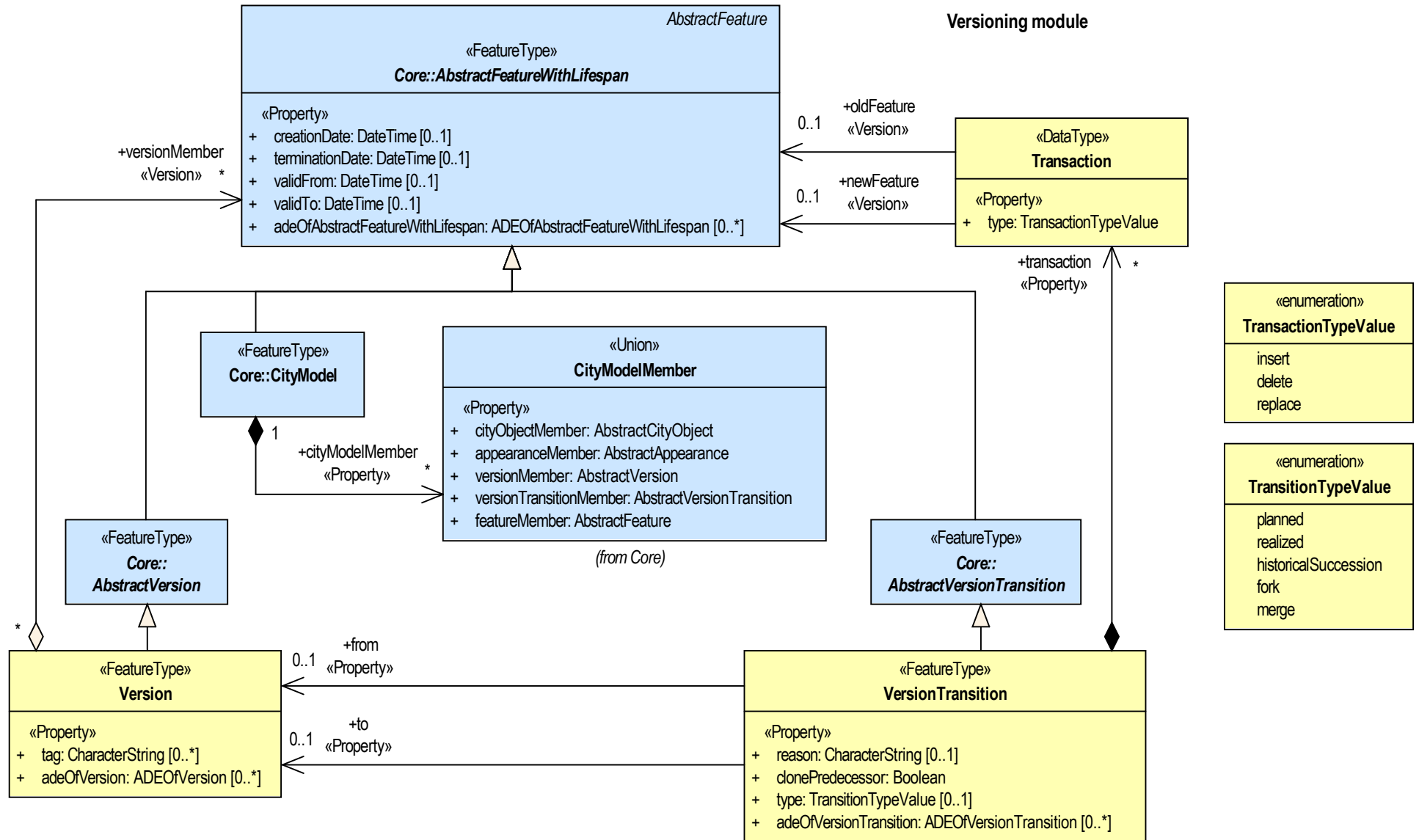
«CodeList»
SpeciesValue

Vegetation module - ADE Data types

«DataType»
ADEOfAbstractVegetationObject

«DataType»
ADEOfSolitaryVegetationObject

«DataType»
ADEOfPlantCover



Vegetation module - Code lists

«CodeList»
SolitaryVegetationObjectClassValue

«CodeList»
SolitaryVegetationObjectFunctionValue

«CodeList»
SolitaryVegetationObjectUsageValue

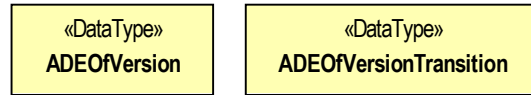
«CodeList»
PlantCoverClassValue

«CodeList»
PlantCoverFunctionValue

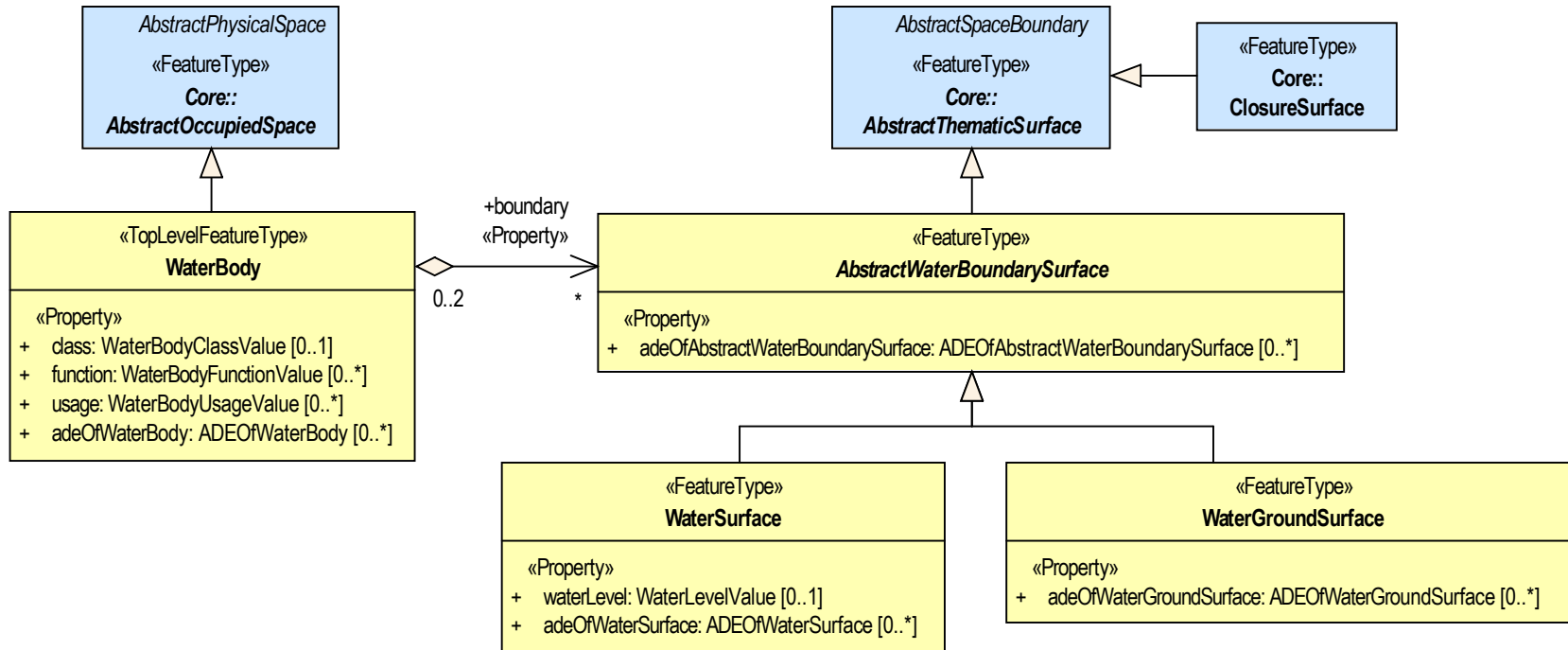
«CodeList»
PlantCoverUsageValue

«CodeList»
SpeciesValue

Versioning module - ADE Data types



WaterBody module



WaterBody module - Code lists

«CodeList»
WaterBodyClassValue

«CodeList»
WaterLevelValue

«CodeList»
WaterBodyFunctionValue

«CodeList»
WaterBodyUsageValue

WaterBody module - ADE Data types

