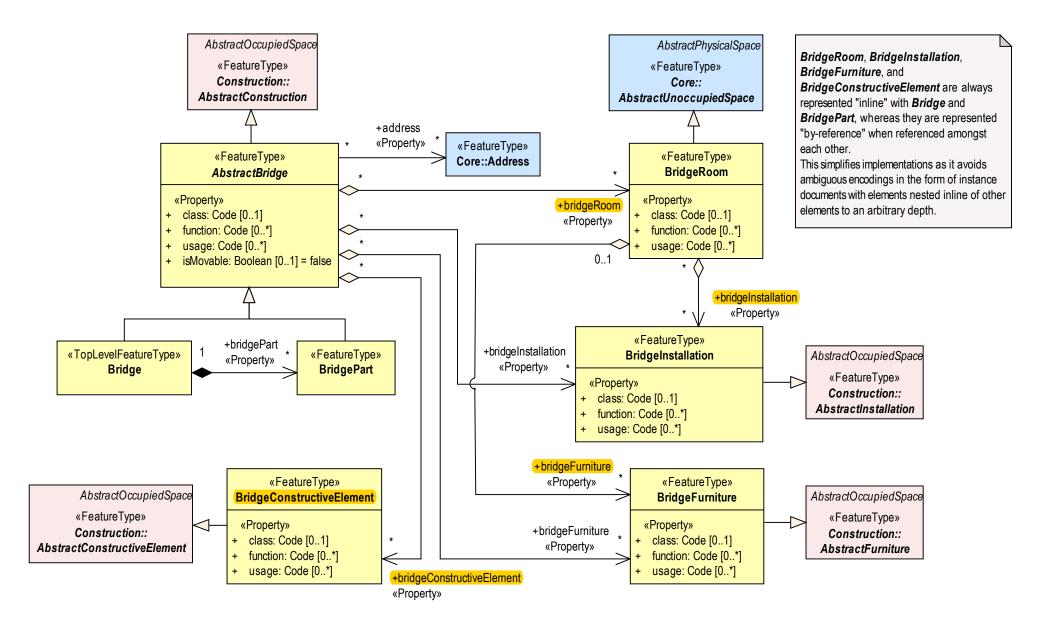
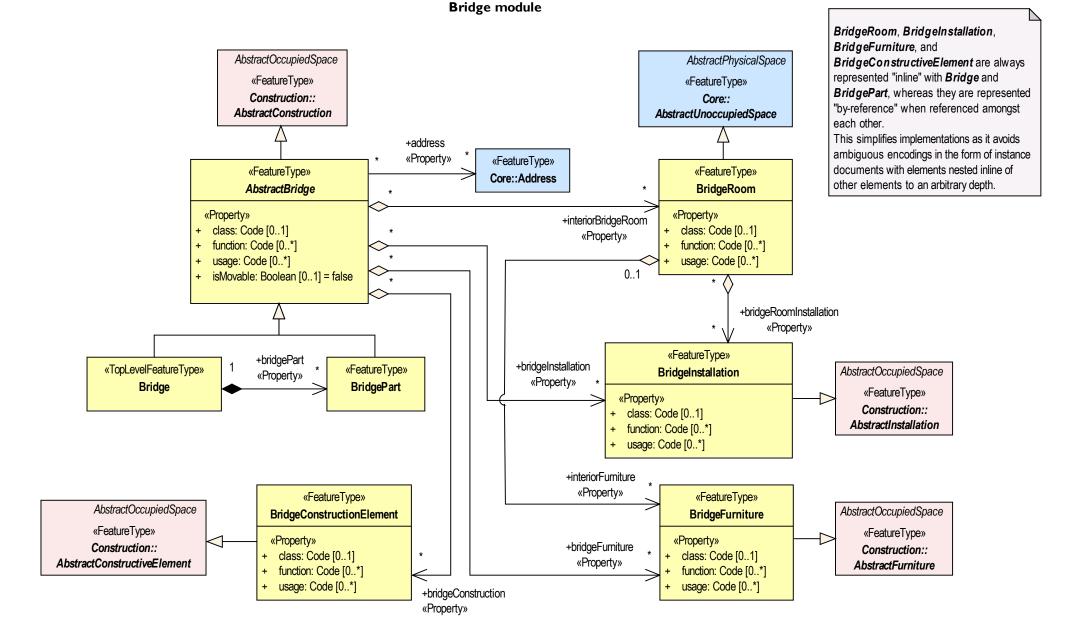
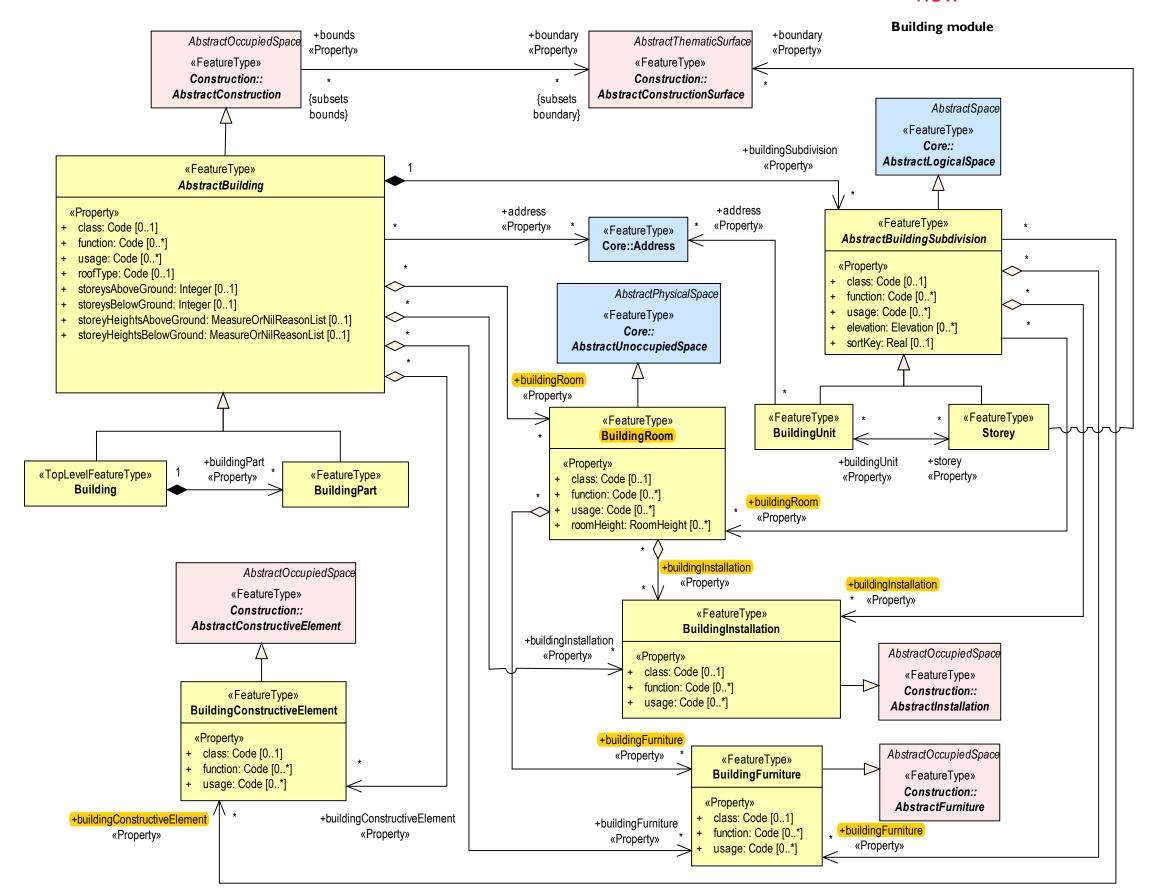


## **Bridge** module



old





HollowSpace, TunnelInstallation, TunnelFurniture, and TunnelConstructiveElement are always represented "inline" with Tunnel and TunnelPart, whereas they are represented "by-reference" when referenced amongst each other.

This simplifies implementations as it avoids ambiguous

I his simplifies implementations as it avoids ambiguous encodings in the form of instance documents with elements nested inline of other elements to an arbitrary depth.

## «dataType» RoomHeight

#### «Property»

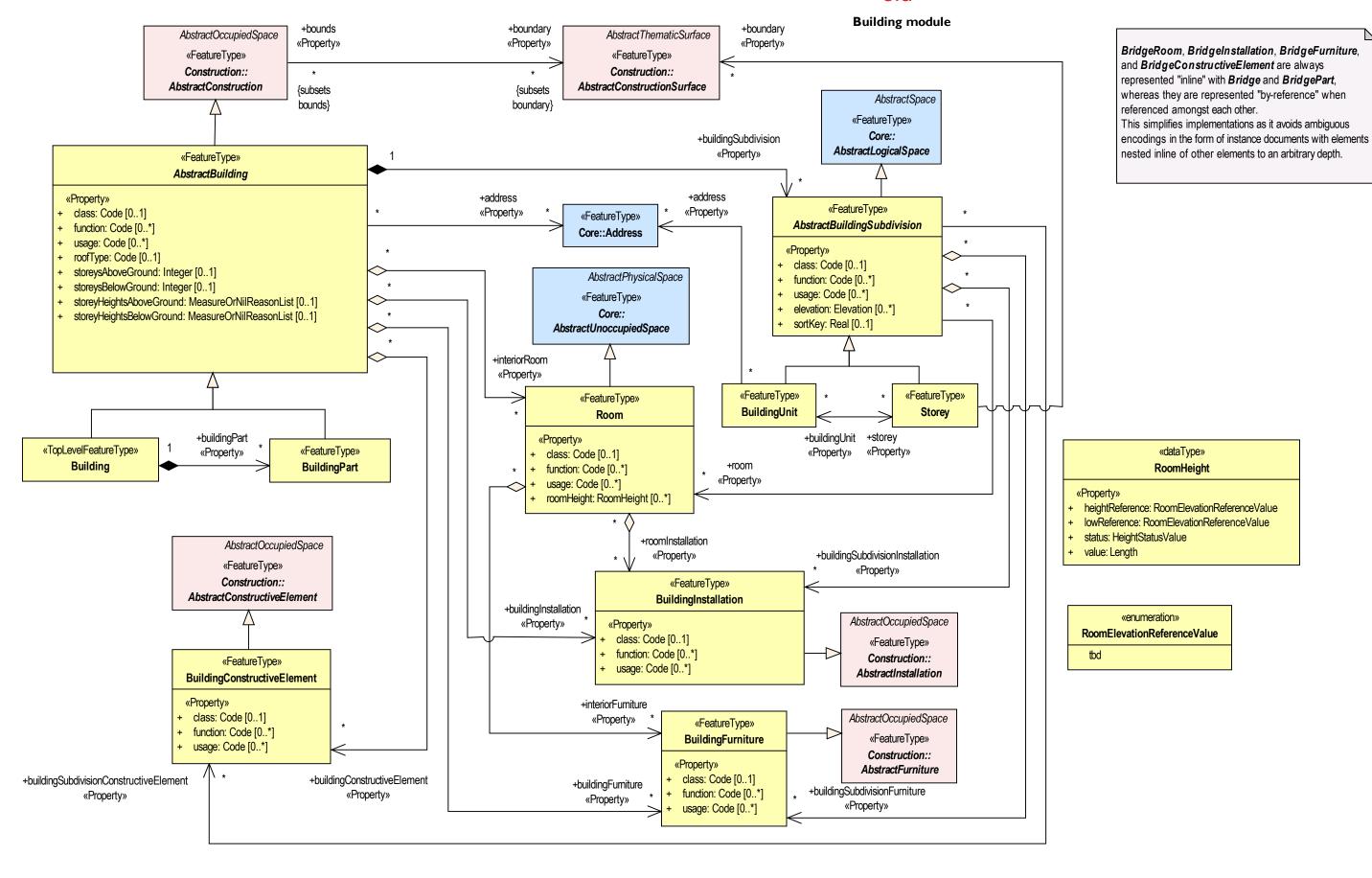
- + highReference: RoomElevationReferenceValue
- + lowReference: RoomElevationReferenceValue
- + status: HeightStatusValue
- + value: Length

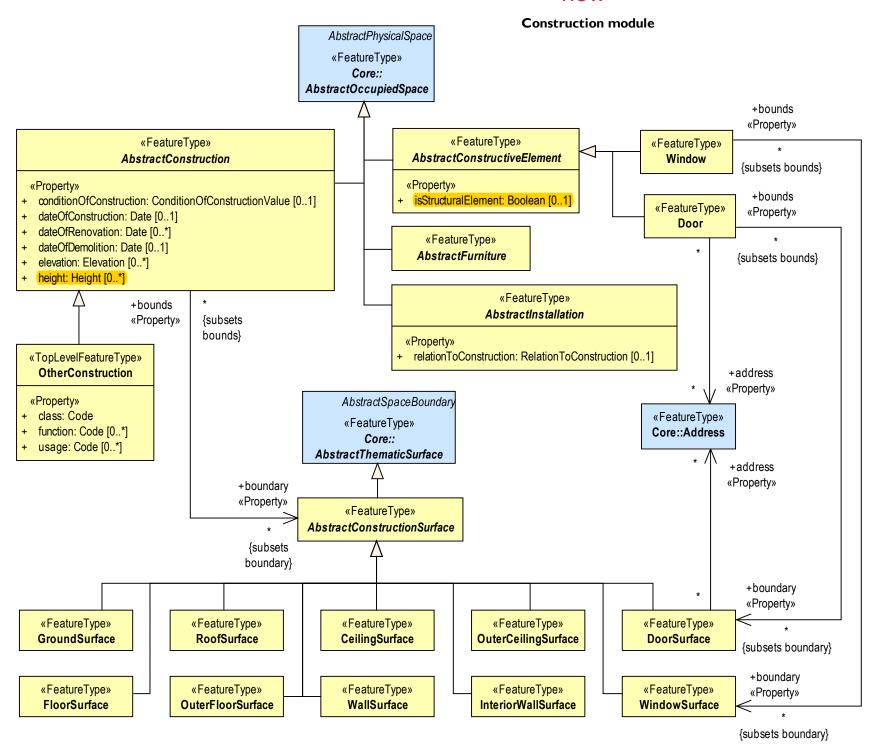
«enumeration»

RoomElevationReferenceValue

tbd

## old





### «enumeration»

#### ConditionOfConstructionValue

declined demolished functional projected ruin underConstruction

# «enumeration» RelationToConstruction

inside outside bothInsideAndOutside

## «DataType» Elevation

## «Property»

- + elevationReference: ElevationReferenceValue
- + elevationValue: DirectPosition

## «DataType» **Height**

### «Property»

- highReference: ElevationReferenceValue
- lowReference: ElevationReferenceValue
- status: HeightStatusValue
- + value: Length

## «enumeration»

## ElevationReferenceValue

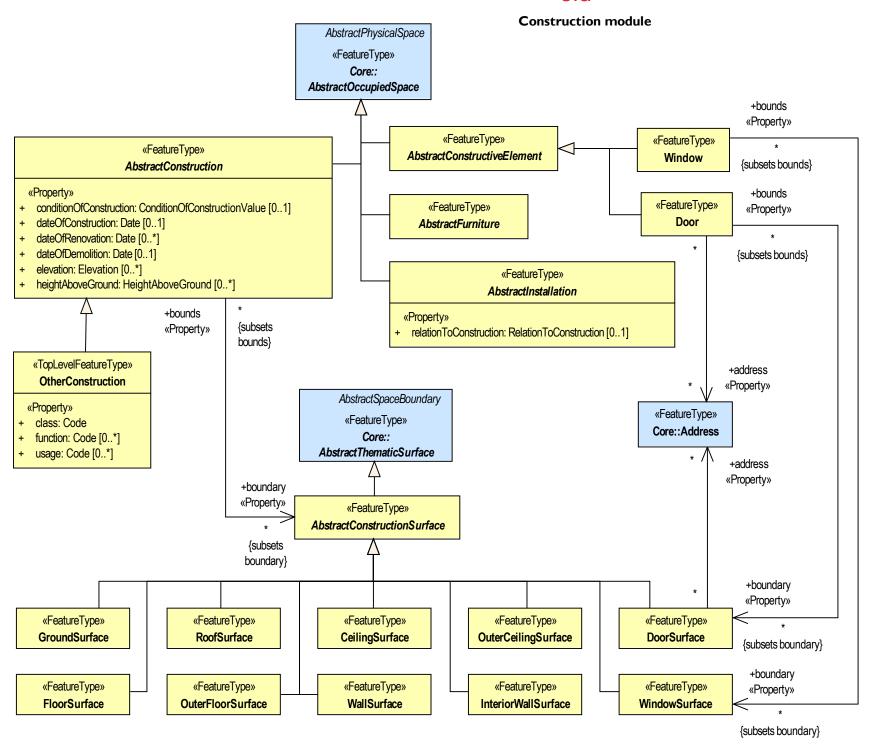
above Ground Envelope bottomOfConstruction entrancePoint generalEave generalGround generalRoof generalRoofEdge highestEave highestGroundPoint highestPoint highestRoofEdge IowestEave IowestFloorAboveGround IowestGroundPoint IowestRoofEdge topOfConstruction

## «enumeration» HeightStatusValue

estimated measured

Reference values for heights below ground will be added.

## old



## «enumeration»

## ConditionOfConstructionValue

declined demolished functional projected ruin underConstruction

# «enumeration» RelationToConstruction

inside outside bothInsideAndOutside

## «DataType» Elevation

## «Property»

- elevationReference: ElevationReferenceValue
- + elevationValue: DirectPosition

# «DataType» **HeightAboveGround**

### «Property»

- heightReference: ElevationReferenceValue
- lowReference: ElevationReferenceValue
- + status: HeightStatusValue
- + value: Length

# «enumeration» ElevationReferenceValue

## aboveGroundEnvelope bottomOfConstruction entrancePoint generalEave

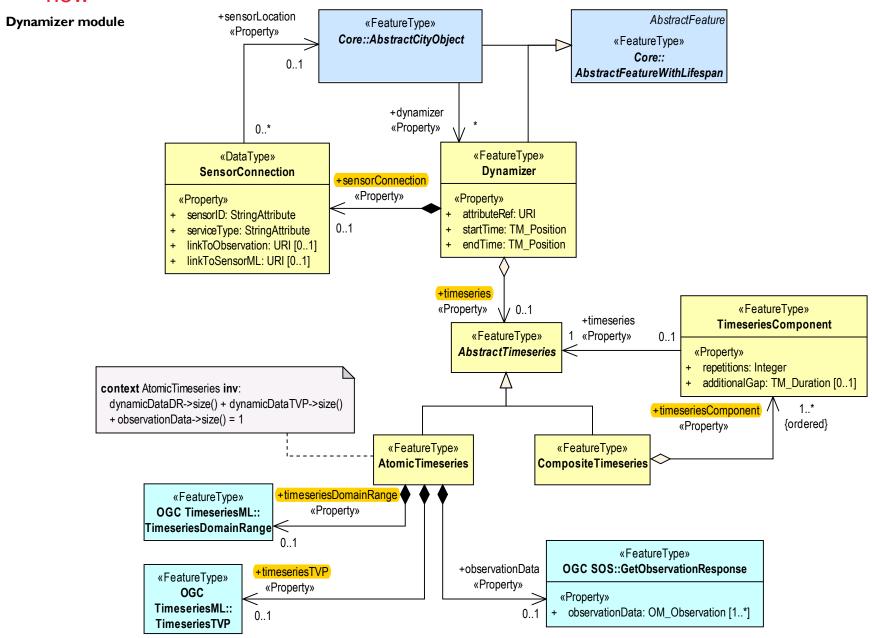
generalEave generalGround generalRoof generalRoofEdge highestEave highestGroundPoint highestPoint highestRoofEdge lowestEave lowestFloorAboveGround lowestGroundPoint

lowestRoofEdge

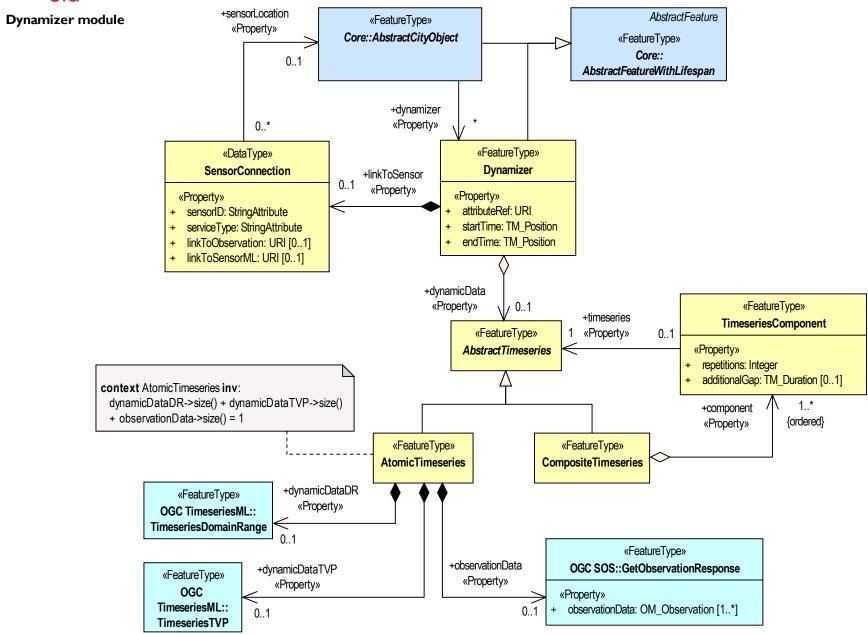
topOfConstruction

# «enumeration» HeightStatusValue

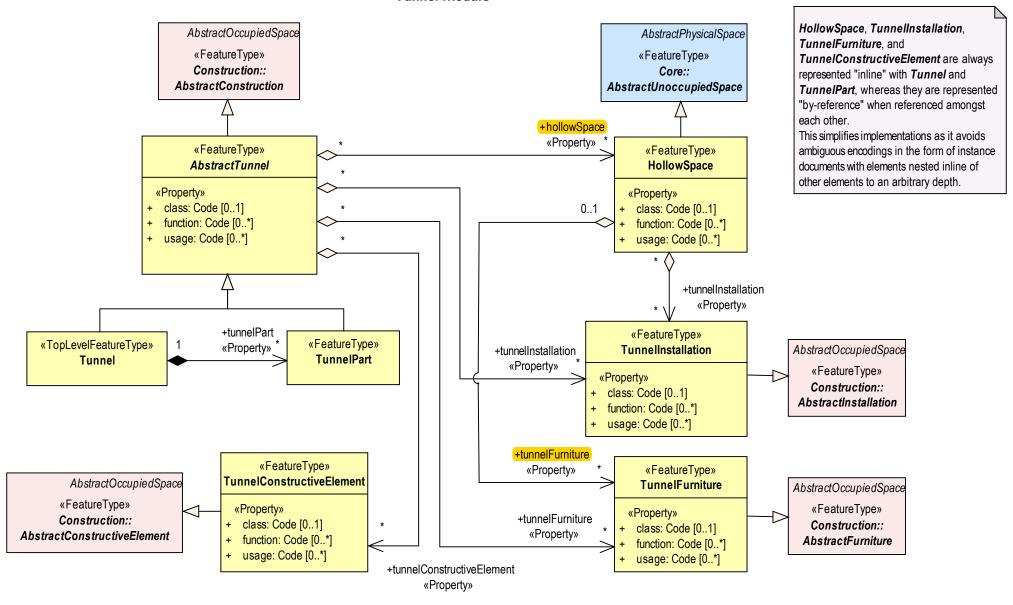
estimated measured



old



#### Tunnel module



old

