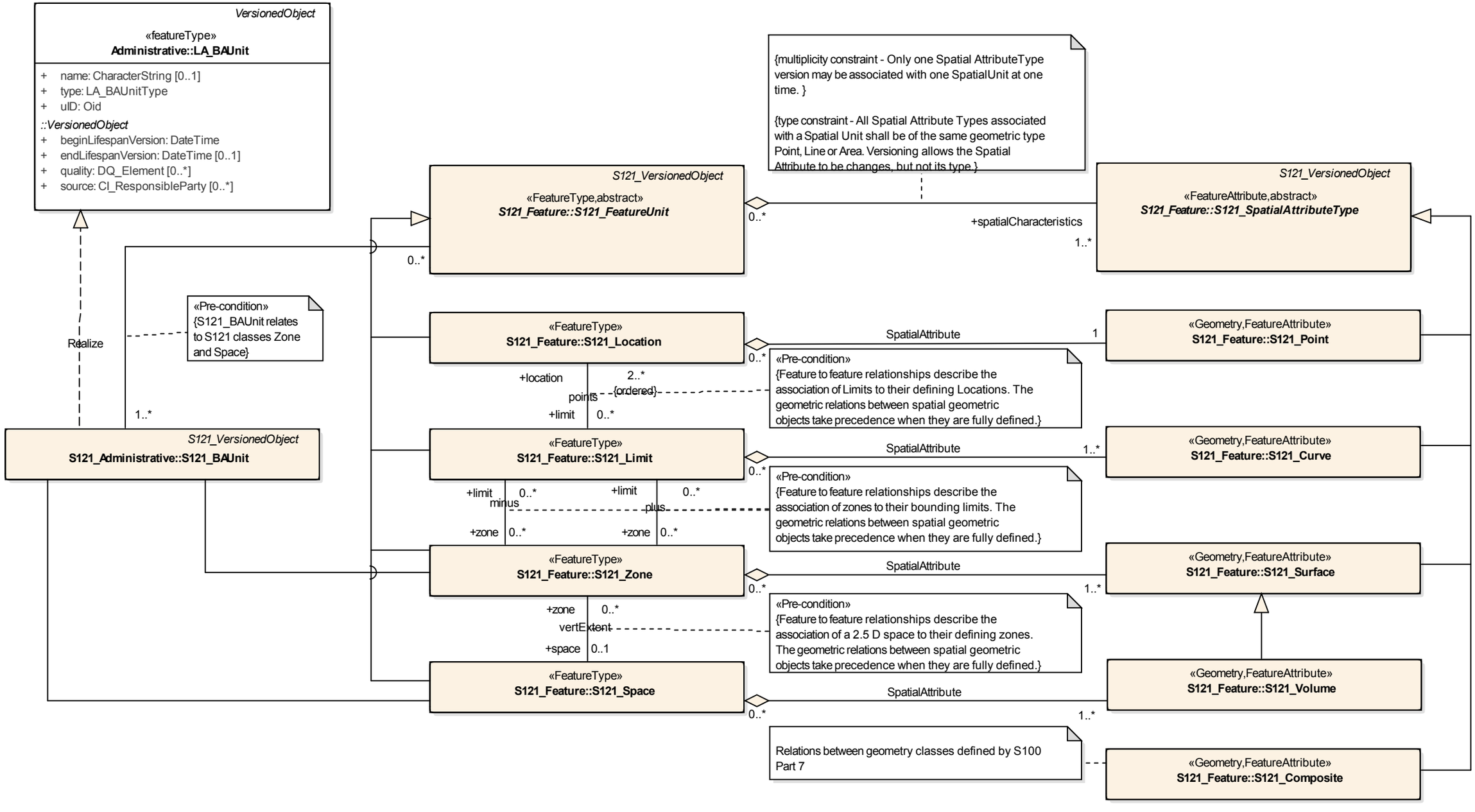
VersionedObject
«featureType»
Administrative::LA_BAUnit
+ name: CharacterString [0..1]
+ type: LA_BAUnitType
+ uID: Oid
::VersionedObject
+ beginLifespanVersion: DateTime
+ endLifespanVersion: DateTime [0..1]
+ quality: DQ_Element [0..*]
+ source: CI_ResponsibleParty [0..*]
Realize
«Pre-condition»
{S121_BAUnit relates to S121 classes Zone and Space}
1..*
S121_VersionedObject
S121_Administrative::S121_BAUnit
S121_VersionedObject
«FeatureType,abstract»
S121_Feature::S121_FeatureUnit
0..*
0..*
{multiplicity constraint - Only one Spatial AttributeType version may be associated with one SpatialUnit at one time. }
{type constraint - All Spatial Attribute Types associated with a Spatial Unit shall be of the same geometric type Point, Line or Area. Versioning allows the Spatial Attribute to be changes, but not its type.}
+spatialCharacteristics
1..*
S121_VersionedObject
«FeatureAttribute,abstract»
S121_Feature::S121_SpatialAttributeType
«FeatureType»
S121_Feature::S121_Location
SpatialAttribute
1
0..*
«Geometry,FeatureAttribute»
S121_Feature::S121_Point
+location
2..*
points
{ordered}
+limit
0..*
«Pre-condition»
{Feature to feature relationships describe the association of Limits to their defining Locations. The geometric relations between spatial geometric objects take precedence when they are fully defined.}
«FeatureType»
S121_Feature::S121_Limit
SpatialAttribute
1..*
0..*
«Geometry,FeatureAttribute»
S121_Feature::S121_Curve
+limit
0..*
minus
+limit
0..*
plus
+zone
0..*
+zone
0..*
«Pre-condition»
{Feature to feature relationships describe the association of zones to their bounding limits. The geometric relations between spatial geometric objects take precedence when they are fully defined.}
«FeatureType»
S121_Feature::S121_Zone
SpatialAttribute
0..*
1..*
«Geometry,FeatureAttribute»
S121_Feature::S121_Surface
+zone
0..*
vertExtent
+space
0..1
«Pre-condition»
{Feature to feature relationships describe the association of a 2.5 D space to their defining zones. The geometric relations between spatial geometric objects take precedence when they are fully defined.}
«FeatureType»
S121_Feature::S121_Space
SpatialAttribute
0..*
1..*
«Geometry,FeatureAttribute»
S121_Feature::S121_Volume
Relations between geometry classes defined by S100 Part 7
«Geometry,FeatureAttribute»
S121_Feature::S121_Composite