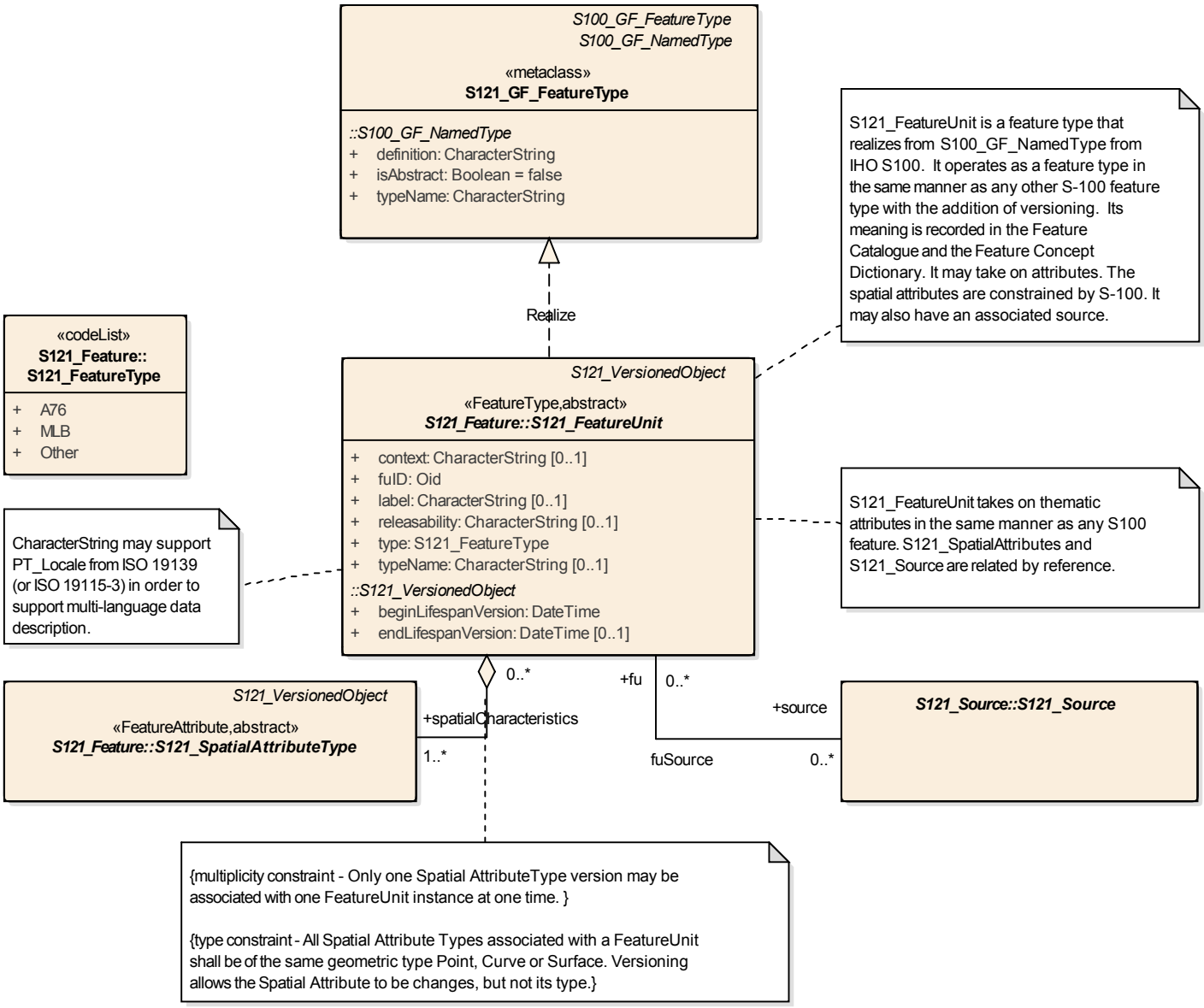
S100_GF_FeatureType
S100_GF_NamedType
«metaclass»
S121_GF_FeatureType
::S100_GF_NamedType
+ definition: CharacterString
+ isAbstract: Boolean = false
+ typeName: CharacterString
Realize
S121_FeatureUnit is a feature type that realizes from S100_GF_NamedType from IHO S100. It operates as a feature type in the same manner as any other S-100 feature type with the addition of versioning. Its meaning is recorded in the Feature Catalogue and the Feature Concept Dictionary. It may take on attributes. The spatial attributes are constrained by S-100. It may also have an associated source.
«codeList»
S121_Feature::
S121_FeatureType
+ A76
+ MLB
+ Other
S121_VersionedObject
«FeatureType,abstract»
S121_Feature::S121_FeatureUnit
+ context: CharacterString [0..1]
+ fuID: Oid
+ label: CharacterString [0..1]
+ releasability: CharacterString [0..1]
+ type: S121_FeatureType
+ typeName: CharacterString [0..1]
::S121_VersionedObject
+ beginLifespanVersion: DateTime
+ endLifespanVersion: DateTime [0..1]
S121_FeatureUnit takes on thematic attributes in the same manner as any S100 feature. S121_SpatialAttributes and S121_Source are related by reference.
CharacterString may support PT_Locale from ISO 19139 (or ISO 19115-3) in order to support multi-language data description.
0..*
+fu
0..*
+source
S121_VersionedObject
«FeatureAttribute,abstract»
S121_Feature::S121_SpatialAttributeType
+spatialCharacteristics
1..*
fuSource
0..*
S121_Source::S121_Source
{multiplicity constraint - Only one Spatial AttributeType version may be associated with one FeatureUnit instance at one time. }
{type constraint - All Spatial Attribute Types associated with a FeatureUnit shall be of the same geometric type Point, Curve or Surface. Versioning allows the Spatial Attribute to be changes, but not its type.}