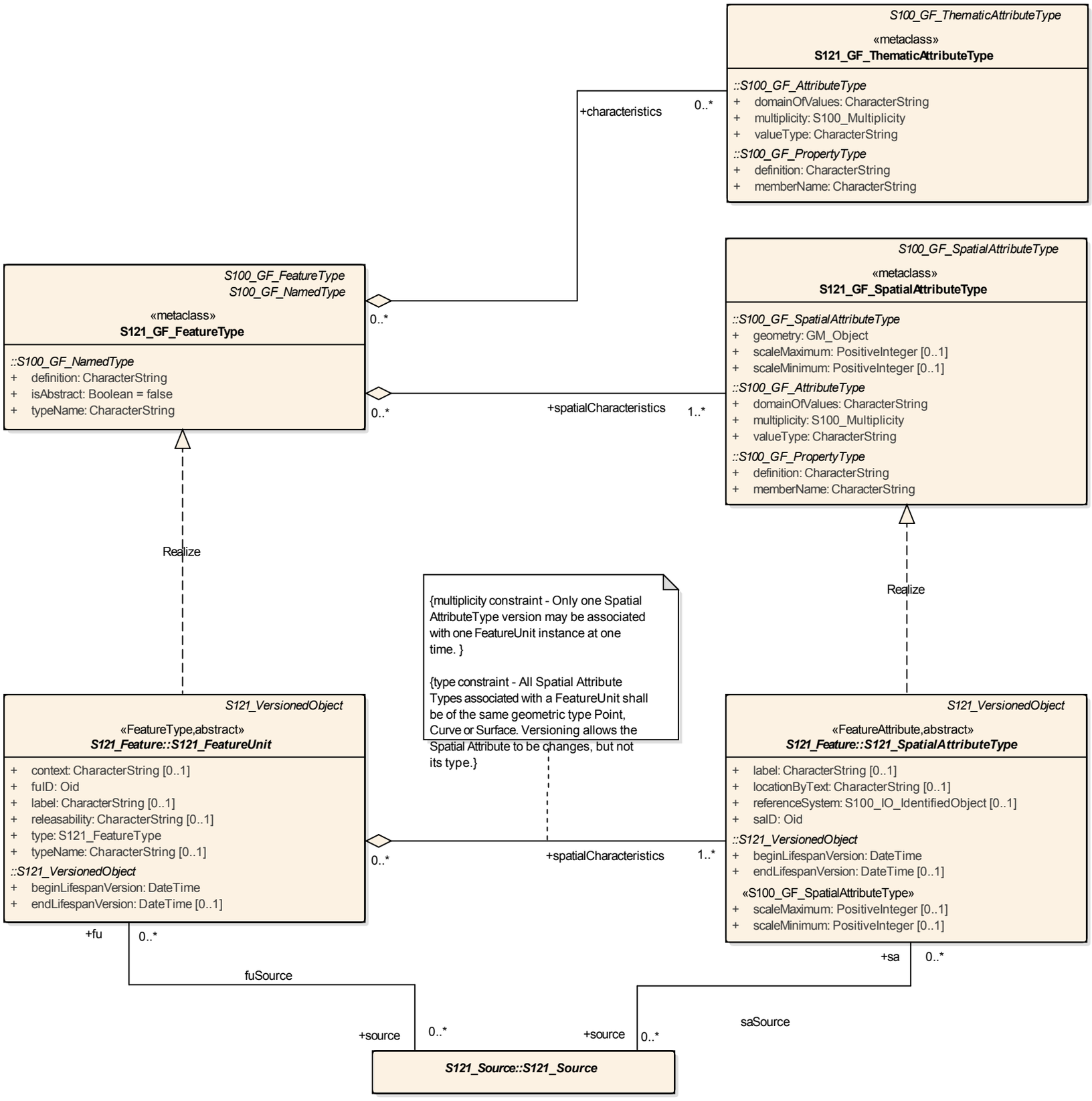
S100_GF_ThematicAttributeType
«metaclass»
S121_GF_ThematicAttributeType
::S100_GF_AttributeType
+ domainOfValues: CharacterString
+ multiplicity: S100_Multiplicity
+ valueType: CharacterString
::S100_GF_PropertyType
+ definition: CharacterString
+ memberName: CharacterString
+characteristics
0..*
S100_GF_FeatureType
S100_GF_NamedType
«metaclass»
S121_GF_FeatureType
::S100_GF_NamedType
+ definition: CharacterString
+ isAbstract: Boolean = false
+ typeName: CharacterString
0..*
0..*
+spatialCharacteristics
1..*
S100_GF_SpatialAttributeType
«metaclass»
S121_GF_SpatialAttributeType
::S100_GF_SpatialAttributeType
+ geometry: GM_Object
+ scaleMaximum: PositiveInteger [0..1]
+ scaleMinimum: PositiveInteger [0..1]
::S100_GF_AttributeType
+ domainOfValues: CharacterString
+ multiplicity: S100_Multiplicity
+ valueType: CharacterString
::S100_GF_PropertyType
+ definition: CharacterString
+ memberName: CharacterString
Realize
Realize
{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.}
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]
0..*
+spatialCharacteristics
1..*
S121_VersionedObject
«FeatureAttribute,abstract»
S121_Feature::S121_SpatialAttributeType
+ label: CharacterString [0..1]
+ locationByText: CharacterString [0..1]
+ referenceSystem: S100_IO_IdentifiedObject [0..1]
+ saID: Oid
::S121_VersionedObject
+ beginLifespanVersion: DateTime
+ endLifespanVersion: DateTime [0..1]
«S100_GF_SpatialAttributeType»
+ scaleMaximum: PositiveInteger [0..1]
+ scaleMinimum: PositiveInteger [0..1]
+fu
0..*
fuSource
+sa
0..*
saSource
+source
0..*
+source
0..*
S121_Source::S121_Source