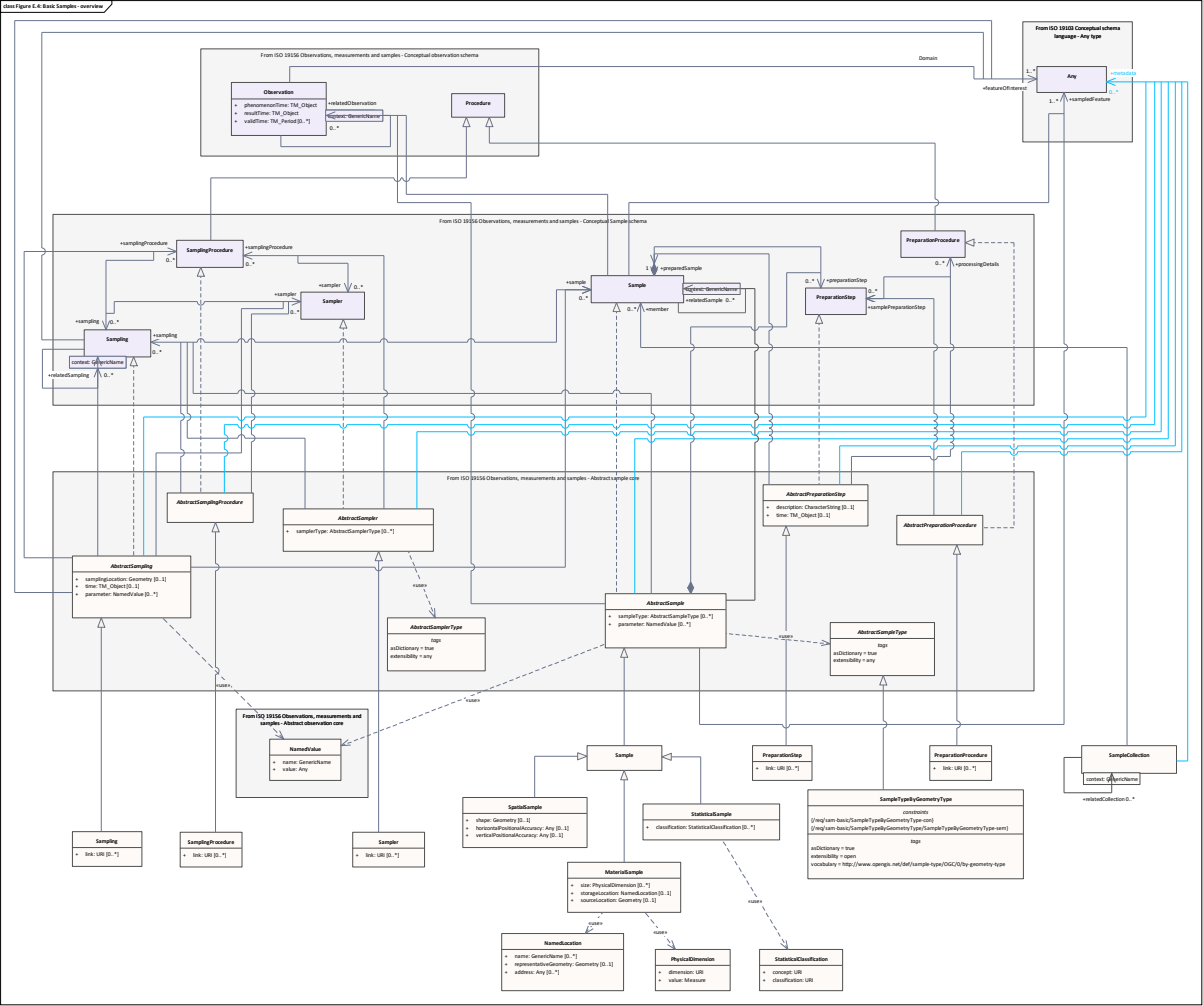
From ISO 19156 Observations, measurements and samples - Conceptual observation schema
Observation
+ phenomenonTime: TM_Object
+ resultTime: TM_Object
+ validTime: TM_Period [0..*]
+relatedObservation
+type: GenericName
0..*
Procedure
Domain
From ISO 19103 Conceptual schema language - Any type
Any
+featureOfInterest
1..*
+metadata
0..*
1..*
+sampledFeature
From ISO 19156 Observations, measurements and samples - Conceptual Sample schema
+samplingProcedure
SamplingProcedure
+samplingProcedure
0..*
0..*
+sampler
0..*
Sampler
+sampler
0..*
+sampling
0..*
Sampling
+sampling
0..*
context: GenericName
+relatedSampling
0..*
+sample
0..*
Sample
+type: GenericName
+relatedSample 0..*
1
+preparedSample
0..*
+member
0..*
PreparationProcedure
0..*
+processingDetails
0..*
+preparationStep
PreparationStep
0..*
+samplePreparationStep
From ISO 19156 Observations, measurements and samples - Abstract sample core
AbstractSamplingProcedure
AbstractSampler
+ samplerType: AbstractSamplerType [0..*]
AbstractSampling
+ samplingLocation: Geometry [0..1]
+ time: TM_Object [0..1]
+ parameter: NamedValue [0..*]
AbstractSamplerType
tags
asDictionary = true
extensibility = any
«use»
AbstractSample
+ sampleType: AbstractSampleType [0..*]
+ parameter: NamedValue [0..*]
AbstractPreparationStep
+ description: CharacterString [0..1]
+ time: TM_Object [0..1]
AbstractPreparationProcedure
AbstractSampleType
tags
asDictionary = true
extensibility = any
From ISO 19156 Observations, measurements and samples - Abstract observation core
NamedValue
+ name: GenericName
+ value: Any
Sample
PreparationStep
+ link: URI [0..*]
PreparationProcedure
+ link: URI [0..*]
SampleCollection
context: GenericName
+relatedCollection 0..*
SpatialSample
+ shape: Geometry [0..1]
+ horizontalPositionalAccuracy: Any [0..1]
+ verticalPositionalAccuracy: Any [0..1]
StatisticalSample
+ classification: StatisticalClassification [0..*]
SampleTypeByGeometryType
constraints
{/req/sam-basic/SampleTypeByGeometryType-con}
{/req/sam-basic/SampleTypeByGeometryType/SampleTypeByGeometryType-sem}
tags
asDictionary = true
extensibility = open
vocabulary = http://www.opengis.net/def/sample-type/OGC/0/by-geometry-type
Sampling
+ link: URI [0..*]
SamplingProcedure
+ link: URI [0..*]
Sampler
+ link: URI [0..*]
MaterialSample
+ size: PhysicalDimension [0..*]
+ storageLocation: NamedLocation [0..1]
+ sourceLocation: Geometry [0..1]
NamedLocation
+ name: GenericName [0..*]
+ representativeGeometry: Geometry [0..1]
+ address: Any [0..*]
PhysicalDimension
+ dimension: URI
+ value: Measure
StatisticalClassification
+ concept: URI
+ classification: URI