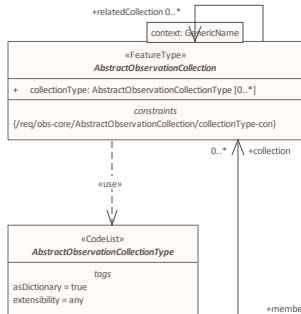class Figure 16: Context Diagram: AbstractObservationCollection

From ISO 19156 Observations, measurements and samples - Conceptual observation schema

+relatedCollection 0..*

context: GenericName

«FeatureType»
AbstractObservationCollection

+ collectionType: AbstractObservationCollectionType [0..*]

constraints
{/req/obs-core/AbstractObservationCollection/collectionType-con}

+member

«interface»
Observation

+ phenomenonTime: TM_Object
+ resultTime: TM_Object
+ validTime: TM_Period [0..*]

0..*

constraints
{/rec/obs-cpt/Observation/observedProperty-con}
{/rec/obs-cpt/Observation/observerhost-con}
{/rec/obs-cpt/Observation/observingProcedure-con}
{/rec/obs-cpt/Observation/phenomenonTimeResult-con}
{/rec/obs-cpt/Observation/result-con}
{/rec/obs-cpt/Observation/uom-con}
{/req/obs-cpt/Observation/uom}

0..* +collection

«use»

«CodeList»
AbstractObservationCollectionType

tags
asDictionary = true
extensibility = any

+memberCharacteristics

«FeatureType»
AbstractObservationCharacteristics

0..1

+ observationType: AbstractObservationType [0..*]
+ parameter: NamedValue [0..*]
+ phenomenonTime: TM_Object [0..*]
+ resultTime: TM_Object [0..*]
+ resultQuality: Any [0..*]
+ validTime: TM_Period [0..*]