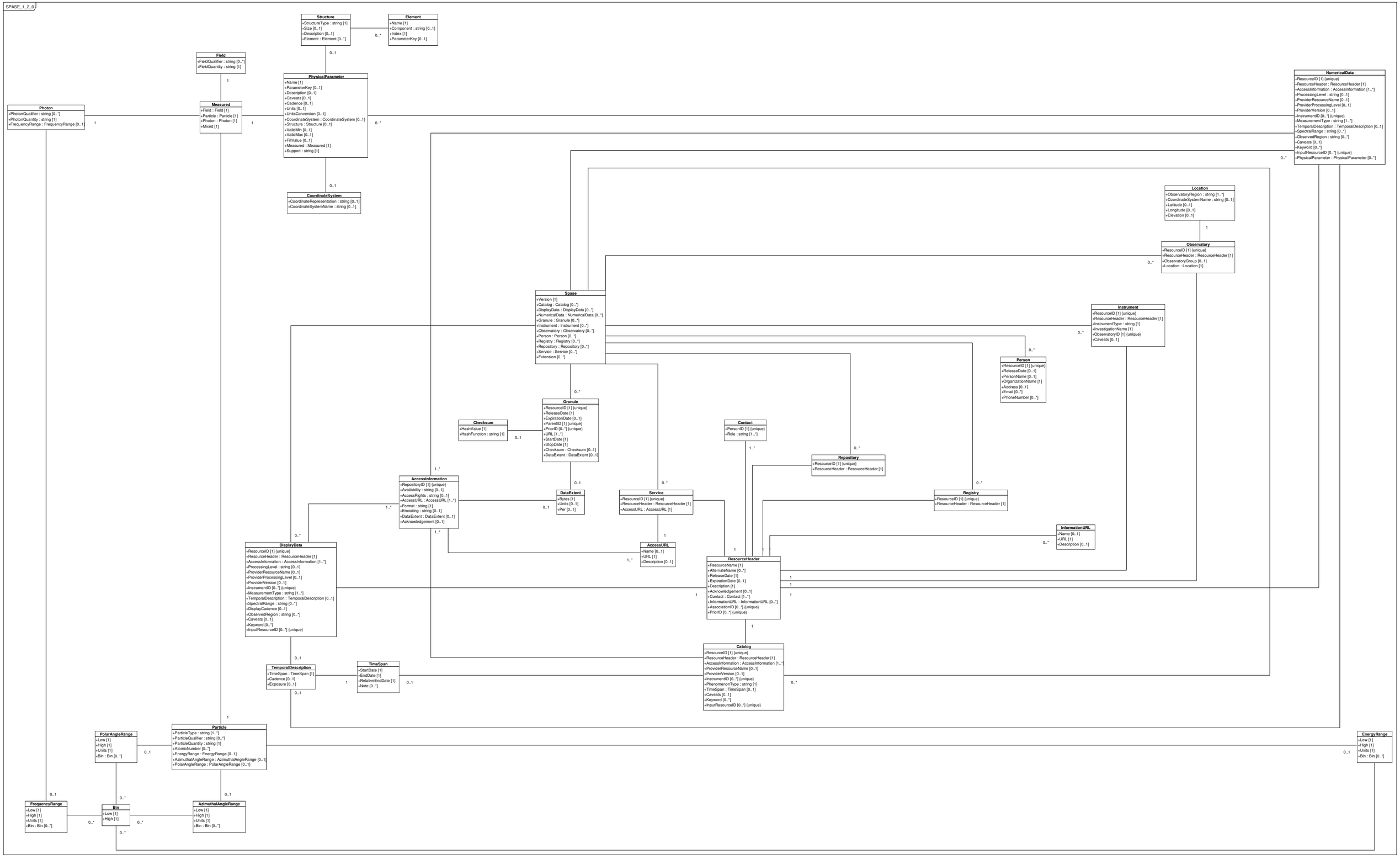
SPASE_1_2_0
Structure
+StructureType : string [1]
+Size [0..1]
+Description [0..1]
+Element : Element [0..*]
Element
+Name [1]
+Component : string [0..1]
+Index [1]
+ParameterKey [0..1]
Field
+FieldQualifier : string [0..*]
+FieldQuantity : string [1]
Photon
+PhotonQualifier : string [0..*]
+PhotonQuantity : string [1]
+FrequencyRange : FrequencyRange [0..1]
Measured
+Field : Field [1]
+Particle : Particle [1]
+Photon : Photon [1]
+Mixed [1]
PhysicalParameter
+Name [1]
+ParameterKey [0..1]
+Description [0..1]
+Caveats [0..1]
+Cadence [0..1]
+Units [0..1]
+UnitsConversion [0..1]
+CoordinateSystem : CoordinateSystem [0..1]
+Structure : Structure [0..1]
+ValidMin [0..1]
+ValidMax [0..1]
+FillValue [0..1]
+Measured : Measured [1]
+Support : string [1]
CoordinateSystem
+CoordinateRepresentation : string [0..1]
+CoordinateSystemName : string [0..1]
NumericalData
+ResourceID [1] {unique}
+ResourceHeader : ResourceHeader [1]
+AccessInformation : AccessInformation [1..*]
+ProcessingLevel : string [0..1]
+ProviderResourceName [0..1]
+ProviderProcessingLevel [0..1]
+ProviderVersion [0..1]
+InstrumentID [0..*] {unique}
+MeasurementType : string [1..*]
+TemporalDescription : TemporalDescription [0..1]
+SpectralRange : string [0..*]
+ObservedRegion : string [0..*]
+Caveats [0..1]
+Keyword [0..*]
+InputResourceID [0..*] {unique}
+PhysicalParameter : PhysicalParameter [0..*]
Location
+ObservatoryRegion : string [1..*]
+CoordinateSystemName : string [0..1]
+Latitude [0..1]
+Longitude [0..1]
+Elevation [0..1]
Observatory
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+ResourceHeader : ResourceHeader [1]
+ObservatoryGroup [0..1]
+Location : Location [1]
Spase
+Version [1]
+Catalog : Catalog [0..*]
+DisplayData : DisplayData [0..*]
+NumericalData : NumericalData [0..*]
+Granule : Granule [0..*]
+Instrument : Instrument [0..*]
+Observatory : Observatory [0..*]
+Person : Person [0..*]
+Registry : Registry [0..*]
+Repository : Repository [0..*]
+Service : Service [0..*]
+Extension [0..*]
Instrument
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+ResourceHeader : ResourceHeader [1]
+InstrumentType : string [1]
+InvestigationName [1]
+ObservatoryID [1] {unique}
+Caveats [0..1]
Person
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+ReleaseDate [0..1]
+PersonName [0..1]
+OrganizationName [1]
+Address [0..1]
+Email [0..*]
+PhoneNumber [0..*]
Granule
+ResourceID [1] {unique}
+ReleaseDate [1]
+ExpirationDate [0..1]
+ParentID [1] {unique}
+PriorID [0..*] {unique}
+URL [1..*]
+StartDate [1]
+StopDate [1]
+Checksum : Checksum [0..1]
+DataExtent : DataExtent [0..1]
Checksum
+HashValue [1]
+HashFunction : string [1]
Contact
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+Role : string [1..*]
Repository
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+ResourceHeader : ResourceHeader [1]
AccessInformation
+RepositoryID [1] {unique}
+Availability : string [0..1]
+AccessRights : string [0..1]
+AccessURL : AccessURL [1..*]
+Format : string [1]
+Encoding : string [0..1]
+DataExtent : DataExtent [0..1]
+Acknowledgement [0..1]
DataExtent
+Bytes [1]
+Units [0..1]
+Per [0..1]
Service
+ResourceID [1] {unique}
+ResourceHeader : ResourceHeader [1]
+AccessURL : AccessURL [1]
Registry
+ResourceID [1] {unique}
+ResourceHeader : ResourceHeader [1]
InformationURL
+Name [0..1]
+URL [1]
+Description [0..1]
DisplayData
+ResourceID [1] {unique}
+ResourceHeader : ResourceHeader [1]
+AccessInformation : AccessInformation [1..*]
+ProcessingLevel : string [0..1]
+ProviderResourceName [0..1]
+ProviderProcessingLevel [0..1]
+ProviderVersion [0..1]
+InstrumentID [0..*] {unique}
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+TemporalDescription : TemporalDescription [0..1]
+SpectralRange : string [0..*]
+DisplayCadence [0..1]
+ObservedRegion : string [0..*]
+Caveats [0..1]
+Keyword [0..*]
+InputResourceID [0..*] {unique}
AccessURL
+Name [0..1]
+URL [1]
+Description [0..1]
ResourceHeader
+ResourceName [1]
+AlternateName [0..*]
+ReleaseDate [1]
+ExpirationDate [0..1]
+Description [1]
+Acknowledgement [0..1]
+Contact : Contact [1..*]
+InformationURL : InformationURL [0..*]
+AssociationID [0..*] {unique}
+PriorID [0..*] {unique}
Catalog
+ResourceID [1] {unique}
+ResourceHead[: ResourceHeader [1]
+AccessInformation : AccessInformation [1..*]
+ProviderResourceName [0..1]
+ProviderVersion [0..1]
+InstrumentID [0..*] {unique}
+PhenomenonType : string [1]
+TimeSpan : TimeSpan [0..1]
+Caveats [0..1]
+Keyword [0..*]
+InputResourceID [0..*] {unique}
TemporalDescription
+TimeSpan : TimeSpan [1]
+Cadence [0..1]
+Exposure [0..1]
TimeSpan
+StartDate [1]
+EndDate [1]
+RelativeEndDate [1]
+Note [0..*]
PolarAngleRange
+Low [1]
+High [1]
+Units [1]
+Bin : Bin [0..*]
Particle
+ParticleType : string [1..*]
+ParticleQualifier : string [0..*]
+ParticleQuantity : string [1]
+AtomicNumber [0..*]
+EnergyRange : EnergyRange [0..1]
+AzimuthalAngleRange : AzimuthalAngleRange [0..1]
+PolarAngleRange : PolarAngleRange [0..1]
EnergyRange
+Low [1]
+High [1]
+Units [1]
+Bin : Bin [0..*]
FrequencyRange
+Low [1]
+High [1]
+Units [1]
+Bin : Bin [0..*]
Bin
+Low [1]
+High [1]
AzimuthalAngleRange
+Low [1]
+High [1]
+Units [1]
+Bin : Bin [0..*]