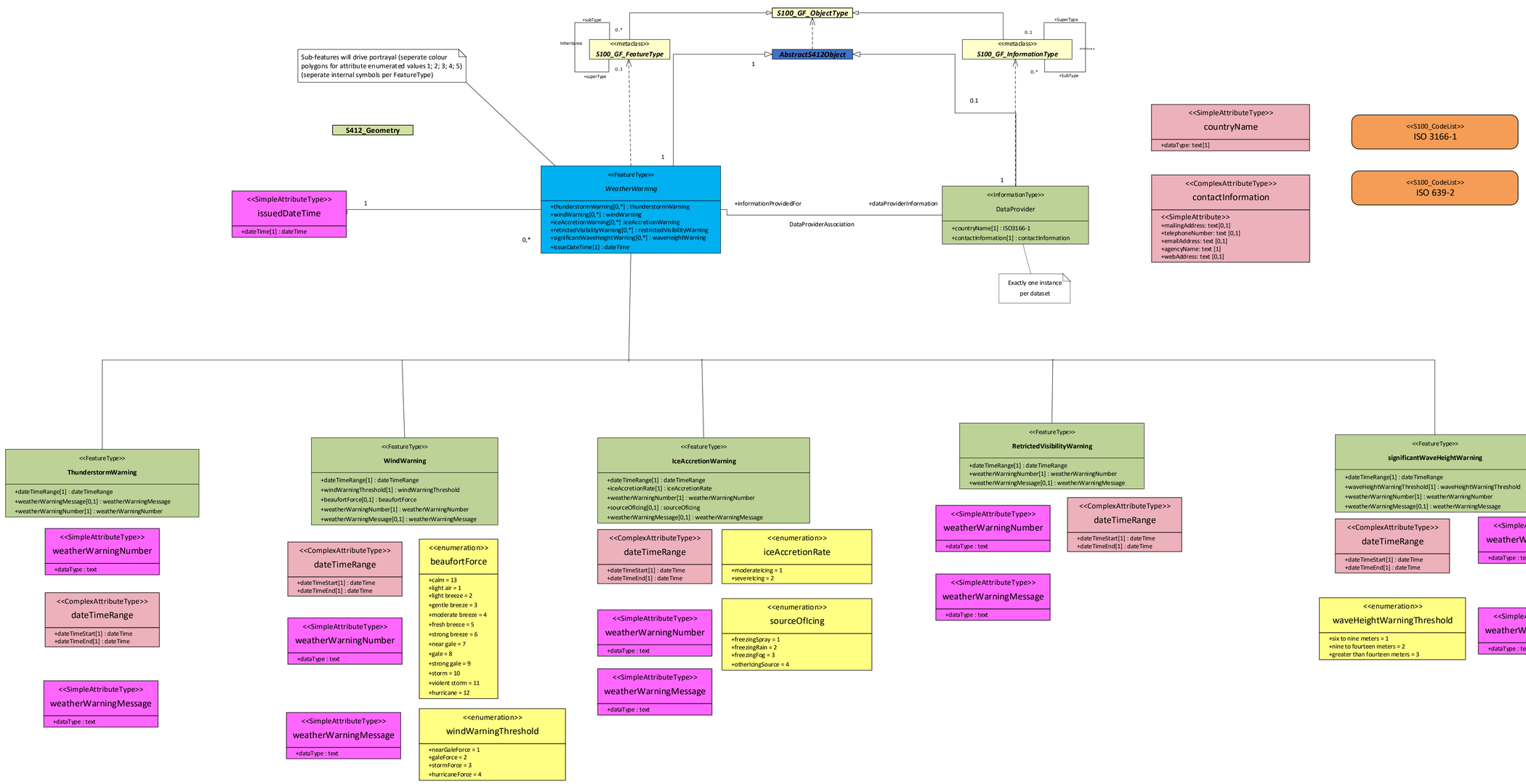
S100_GF_ObjectType
+subType
0..*
Inheritance
<<metaclass>>
S100_GF_FeatureType
0..1
+superType
AbstractS412Object
1
0..1
+SuperType
<<metaclass>>
S100_GF_InformationType
Inheritance
0..*
+SubType
0.1
Sub-features will drive portrayal (seperate colour polygons for attribute enumerated values 1; 2; 3; 4; 5) (seperate internal symbols per FeatureType)
S412_Geometry
1
<<FeatureType>>
WeatherWarning
+thunderstormWarning[0,*] : thunderstormWarning
+windWarning[0,*] : windWarning
+iceAccretionWarning[0,*] :iceAccretionWarning
+retricted VisibilityWarning[0,*] : restrictedVisibilityWarning
+significantWaveHeightWarning[0,*] : waveHeightWarning
+issueDateTime[1] : dateTime
<<SimpleAttributeType>>
issuedDateTime
+dateTime[1] : dateTime
1
0,*
+informationProvidedFor
+dataProviderInformation
DataProviderAssociation
1
<<InformationType>>
DataProvider
+countryName[1] : ISO3166-1
+contactInformation[1] : contactInformation
Exactly one instance per dataset
<<SimpleAttributeType>>
countryName
+dataType: text[1]
<<ComplexAttributeType>>
contactInformation
<<SimpleAttribute>>
+mailingAddress: text[0,1]
+telephoneNumber: text [0,1]
+emailAddress: text [0,1]
+agencyName: text [1]
+webAddress: text [0,1]
<<S100_CodeList>>
ISO 3166-1
<<S100_CodeList>>
ISO 639-2
<<FeatureType>>
ThunderstormWarning
+dateTimeRange[1] : dateTimeRange
+weatherWarningMessage[0,1] : weatherWarningMessage
+weatherWarningNumber[1] : weatherWarningNumber
<<SimpleAttributeType>>
weatherWarningNumber
+dataType : text
<<ComplexAttributeType>>
dateTimeRange
+dateTimeStart[1] : dateTime
+dateTimeEnd[1] : dateTime
<<SimpleAttributeType>>
weatherWarningMessage
+dataType : text
<<FeatureType>>
WindWarning
+dateTimeRange[1] : dateTimeRange
+windWarningThreshold[1] : windWarningThreshold
+beaufortForce[0,1] : beaufortForce
+weatherWarningNumber[1] : weatherWarningNumber
+weatherWarningMessage[0,1] : weatherWarningMessage
<<ComplexAttributeType>>
dateTimeRange
+dateTimeStart[1] : dateTime
+dateTimeEnd[1] : dateTime
<<enumeration>>
beaufortForce
+calm = 13
+light air = 1
+light breeze = 2
+gentle breeze = 3
+moderate breeze = 4
+fresh breeze = 5
+strong breeze = 6
+near gale = 7
+gale = 8
+strong gale = 9
+storm = 10
+violent storm = 11
+hurricane = 12
<<SimpleAttributeType>>
weatherWarningNumber
+dataType : text
<<SimpleAttributeType>>
weatherWarningMessage
+dataType : text
<<enumeration>>
windWarningThreshold
+nearGaleForce = 1
+galeForce = 2
+stormForce = 3
+hurricaneForce = 4
<<FeatureType>>
IceAccretionWarning
+dateTimeRange[1] : dateTimeRange
+iceAccretionRate[1] : iceAccretionRate
+weatherWarningNumber[1] : weatherWarningNumber
+sourceOficing[0,1] : sourceOficing
+weatherWarningMessage[0,1] : weatherWarningMessage
<<ComplexAttributeType>>
dateTimeRange
+dateTimeStart[1] : dateTime
+dateTimeEnd[1] : dateTime
<<enumeration>>
iceAccretionRate
+moderateIcing = 1
+severeIcing = 2
<<SimpleAttributeType>>
weatherWarningNumber
+dataType : text
<<enumeration>>
sourceOfIcing
+freezingSpray = 1
+freezingRain = 2
+freezingFog = 3
+otherIcingSource = 4
<<SimpleAttributeType>>
weatherWarningMessage
+dataType : text
<<FeatureType>>
RetrictedVisibilityWarning
+dateTimeRange[1] : dateTimeRange
+weatherWarningNumber[1] : weatherWarningNumber
+weatherWarningMessage[0,1] : weatherWarningMessage
<<SimpleAttributeType>>
weatherWarningNumber
+dataType : text
<<ComplexAttributeType>>
dateTimeRange
+dateTimeStart[1] : dateTime
+dateTimeEnd[1] : dateTime
<<SimpleAttributeType>>
weatherWarningMessage
+dataType : text
<<FeatureType>>
significantWaveHeightWarning
+dateTimeRange[1] : dateTimeRange
+waveHeightWarningThreshold[1] : waveHeightWarningThreshold
+weatherWarningNumber[1] : weatherWarningNumber
+weatherWarningMessage[0,1] : weatherWarningMessage
<<ComplexAttributeType>>
dateTimeRange
+dateTimeStart[1] : dateTime
+dateTimeEnd[1] : dateTime
<<SimpleAttributeType>>
weatherWarningNumber
+dataType : text
<<enumeration>>
waveHeightWarningThreshold
+six to nine meters = 1
+nine to fourteen meters = 2
+greater than fourteen meters = 3
<<SimpleAttributeType>>
weatherWarningMessage
+dataType : text