Status quo

class PredefinedLocationsPublication

PayloadPublication
PredefinedLocationsPublication

ReusableClasses::HeaderInformation
+ areaOfInterest: AreaOfInterestEnum [0..1]
+ confidentiality: ConfidentialityValueEnum
+ informationStatus: InformationStatusEnum
+ urgency: UrgencyEnum [0..1]

1   1

1

1..*

PredefinedLocationContainer

«versionedIdentifiable»
PredefinedItinerary
+ predefinedItineraryName: MultilingualString [0..1]

«versionedIdentifiable»
PredefinedNonOrderedLocationGroup
+ predefinedNonOrderedLocationGroupName: MultilingualString [0..1]

index

1

1

1

2..*

«versionedIdentifiable»
PredefinedLocation
+ predefinedLocationName: MultilingualString [0..1]

1

1

GroupOfLocations
GroupOfLocations::Location

If the realization of the Location class in this publication uses the specialization "LocationByReference" care must be taken to avoid the creation of a circular reference back to the same predefined location.
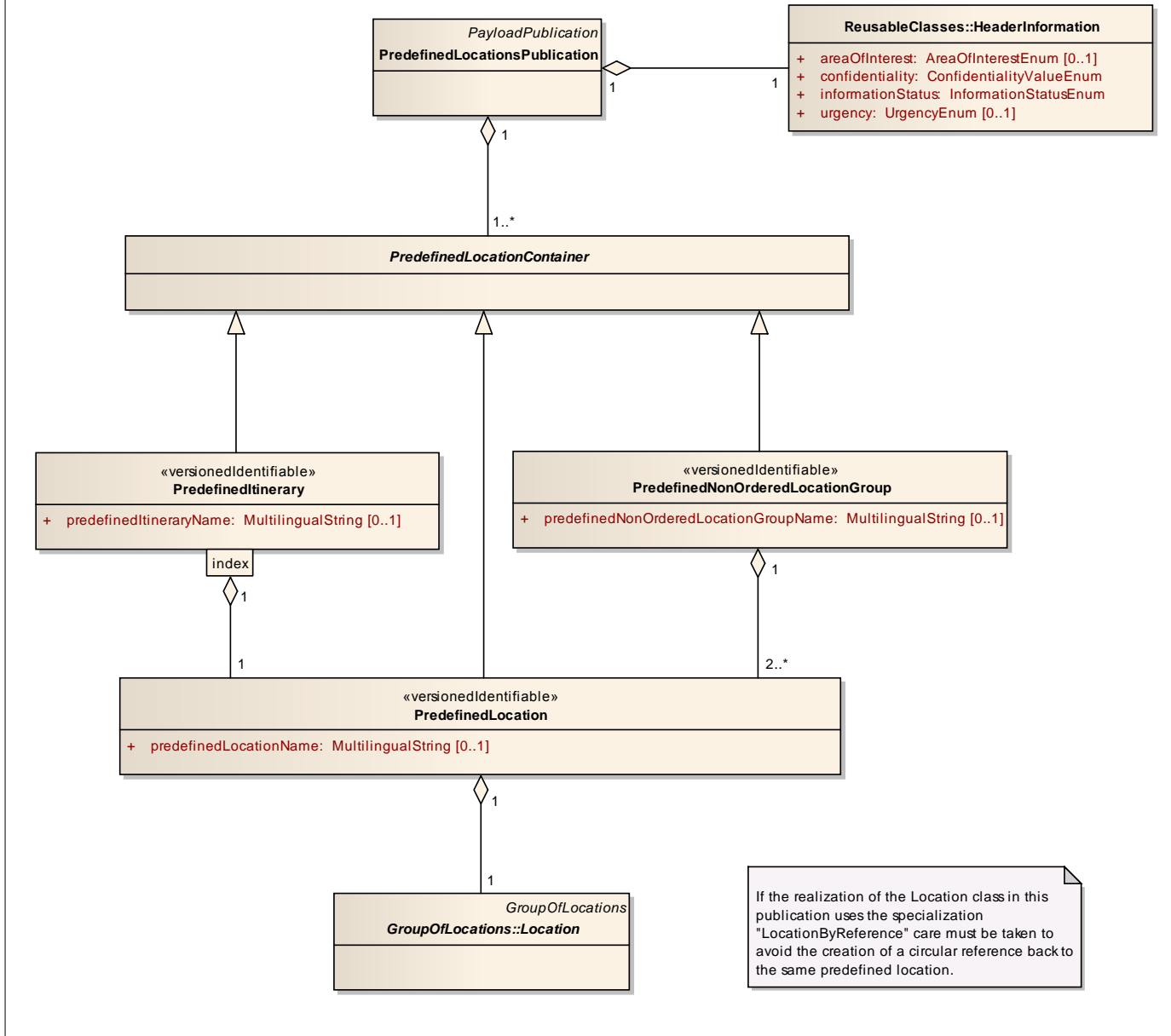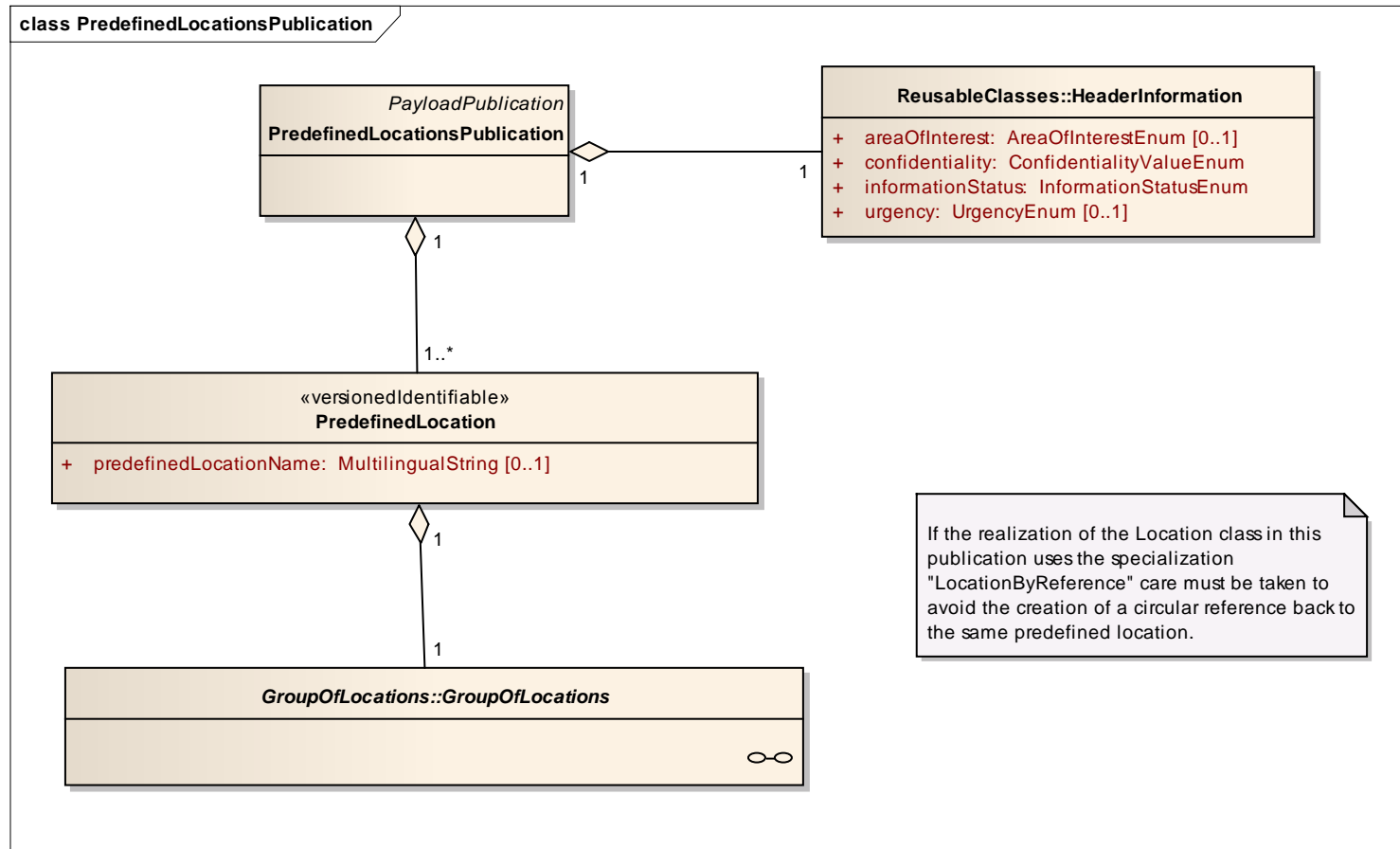
Proposal 1

Only one component „PredifinedLocation", which contains the „GroupOfLocations" component.
Inside GroupOfLocations, you can are able to difference between Iteneraries, Locations or NonOrderedLocations.

Proposal 2

All three components „Predifined" contain the „Location" component.