# **LADM**

*Package in package 'S-121'*

LADM

Version 1.0 Phase 1.0 Proposed

kusal created on 19/06/2020. Last modified 19/06/2020

## **LADM Features diagram**

*GML diagram in package 'LADM'*

LADM Features

Version 1.3

Jonathan Pritchard created on 19/06/2020. Last modified 24/06/2020



LADM Features

## **AbstractRRR**

*Class «InformationType» in package 'S-121'*

AbstractRRR

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 24/06/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «InformationType» Restriction to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from «InformationType» Right to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from «InformationType» Responsibility to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| rrrDescription : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| rrrTimespec : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| rrrShare : Double Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| AssociationClass (direction: Unspecified) Membership | |
| Source: Public partyMember (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) RRR | |
| Source: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |

## **Basic Administrative Unit**

*Class «InformationType» in package 'S-121'*

Basic Administrative Unit

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| **ATTRIBUTES** |
| --- |
| startLifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| endLifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| basicAdministrativeUnitName : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| basicAdministrativeUnitType : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| basicAdministrativeUnitContext : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| featureName : FeatureName Public  Multiplicity: ( [0..\*], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| AssociationClass (direction: Unspecified) | |
| Source: Public (Class) Basic Administrative Unit «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) RRR | |
| Source: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| AssociationClass (direction: Unspecified) | |
| Source: Public (Class) Basic Administrative Unit «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |

|  |  |
| --- | --- |
| Association (direction: Unspecified) BAU | |
| Source: Public administrationOf (Class) geographicFeatureType «FeatureType»  Cardinality: [0..\*] | Target: Public administrativeInformation (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (AssociationClass) Governance «Information Type»  Cardinality: [0..\*] | Target: Public governanceFor (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) PartyMembership | |
| Source: Public party (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

## **Governance**

*AssociationClass «Information Type» in package 'S-121'*

Governance

Version 1.0 Phase 1.0 Proposed

kusal created on 22/02/2020. Last modified 23/02/2020

| **ATTRIBUTES** |
| --- |
| startLifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| endLifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| label : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| referenceNumber : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| governanceTitle : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| governanceDescription : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| releasabilityType : ReleasabilityType Private  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| dateApproved : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| dateConsidered : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| dateIntroduced : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| featureName : FeatureName Public  Multiplicity: ( [0..\*], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (AssociationClass) Governance «Information Type»  Cardinality: [0..\*] | Target: Public governanceFor (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

## **Party**

*Class «InformationType» in package 'S-121'*

Party

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| **ATTRIBUTES** |
| --- |
| startlifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| endLifespan : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| partyName : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| partyRole : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| categoryOfParty : categoryOfParty Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| partyGroupType : PartyGroupType Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| partyGroup : boolean Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Party «InformationType» | Target: Public (AssociationClass) PartyMember «InformationType» |

|  |  |
| --- | --- |
| AssociationClass (direction: Unspecified) Membership | |
| Source: Public partyMember (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| AssociationClass (direction: Unspecified) | |
| Source: Public group (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public member (Class) Party «InformationType»  Cardinality: [1..] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) PartyMembership | |
| Source: Public party (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| AssociationClass (direction: Unspecified) | |
| Source: Public group (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public member (Class) Party «InformationType»  Cardinality: [1..] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (AssociationClass) PartyMember «InformationType» | Target: Public (Class) Party «InformationType» |

## **PartyMember**

*AssociationClass «InformationType» in package 'S-121'*

PartyMember

Version 1.0 Phase 1.0 Proposed

kusal created on 23/02/2020. Last modified 24/06/2020

| **ATTRIBUTES** |
| --- |
| partyMembership : Double Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## **Responsibility**

*Class «InformationType» in package 'S-121'*

Responsibility

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «InformationType» Responsibility to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| categoryOfResponsibility : CategoryOfResponsibility Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## **Restriction**

*Class «InformationType» in package 'S-121'*

Restriction

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «InformationType» Restriction to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| categoryOfRestriction : CategoryOfRestriction Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## **Right**

*Class «InformationType» in package 'S-121'*

Right

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «InformationType» Right to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| categoryOfRight : CategoryOfRight Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## **CategoryOfResponsibility**

*Enumeration in package 'S-121'*

CategoryOfResponsibility

Version 1.0 Phase 1.0 Proposed

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| **ATTRIBUTES** |
| --- |
| Maintenance Responsibility : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## **CategoryOfRestriction**

*Enumeration in package 'S-121'*

CategoryOfRestriction

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 13/02/2020

| **ATTRIBUTES** |
| --- |
| Access Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Jurisdiction Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Passage Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Resource Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Time Based Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Use Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## **CategoryOfRight**

*Enumeration in package 'S-121'*

CategoryOfRight

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 13/02/2020

| **ATTRIBUTES** |
| --- |
| Sovereignty : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Soveriegn Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Access Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Easement Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Harvest Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Contiguous Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## **PartyGroupType**

*Enumeration in package 'S-121'*

PartyGroupType

Version 1.0 Phase 1.0 Proposed

kusal created on 19/02/2020. Last modified 19/02/2020

| **ATTRIBUTES** |
| --- |
| Agreement : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

|  |
| --- |
| Association : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## **Text**

*Text in package 'S-121'*

Text

Version 8.0 Phase 1.0 Proposed

kusal created on 13/02/2020. Last modified 12/06/2020

Extends