

# Model Report

## AppBase\_Modeling-CDM

Version 1.0 • Proposed



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Clumsiest Information Inc.,  
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## AppBase\_Modeling-CDM

*Package in package 'Data Modeing'*

AppBase\_Modeling-CDM  
Version 1.0 Phase 1.0 Proposed  
Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/23

## AppBase\_Modeling-CDM diagram

*Entity Relationship diagram in package 'AppBase\_Modeling-CDM'*

AppBase\_Modeling-CDM  
Version 1.0  
Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/23

## 面向信息应用实现的概念数据模型

名称: AppBase\_Modeling-CDM  
作者: Clumsiest Information Inc., Shanghai  
版本: 1.0  
Created: 2020/11/11 0:00:00  
更新日期: 2020/11/23 12:20:29

以Internet网络为基础，基于云化的后台计算、存储和通信服务，搭建全球共享式的P2P网络环境，在大规模分布式部署架构上，植入AulA、Baal和信息权属化的基础服务，遵循面向信息思想及工程化方法，我们可以用一套全新的数据模型，来实现今天已有的各种应用，以及更可能贴合未来的全新应用。

对此概念数据模型，需要说明的是：

1. 本设计围绕社会主体，即自然人、法人和非法人组织来展开，其它类别主体的信息在此三类主体的属性中，或者是无权限、权属待定信息的数据中表达。
2. 为社会主体提供的信息服务，采用前后端分离的解耦设计。所有人机交互的需求，一律在前端的各种信息终端上进行。具体来讲，前端的线上交互统一由分布式HTTPS服务集群来提供总线（Bus，提供登记和路由解析）的协作服务；前端的线下交互及前端的内部交互，则由社会主体的前端方法来处理；出于信息资产化需要的前端向及前端的交互，也遵循总线的设计，进行必要的方法和属性登记，满足信息全集中的路由解析条件。
3. 所有对象及交互，都需要通过元数据实现自我管理，请注意在本模型中出于简洁考虑均未予标注。
4. AulA、Baal和信息权属化等基础服务，都是由特定的法人在整个开放的体系中提供的，模型中已经有了法人的表达，而且全体系的节点（每个社会主体是一个节点）都是对等的，所以本模型中也不对它们作特别表述。
5. 本模型的体系中还提供我们称为：自主感知（Autonomous Percept，写作：AuPercept）的类似大数据和人工智能的服务，支持各类物联网的信息整合和功能集成，详尽内容将在其它资料中提供。

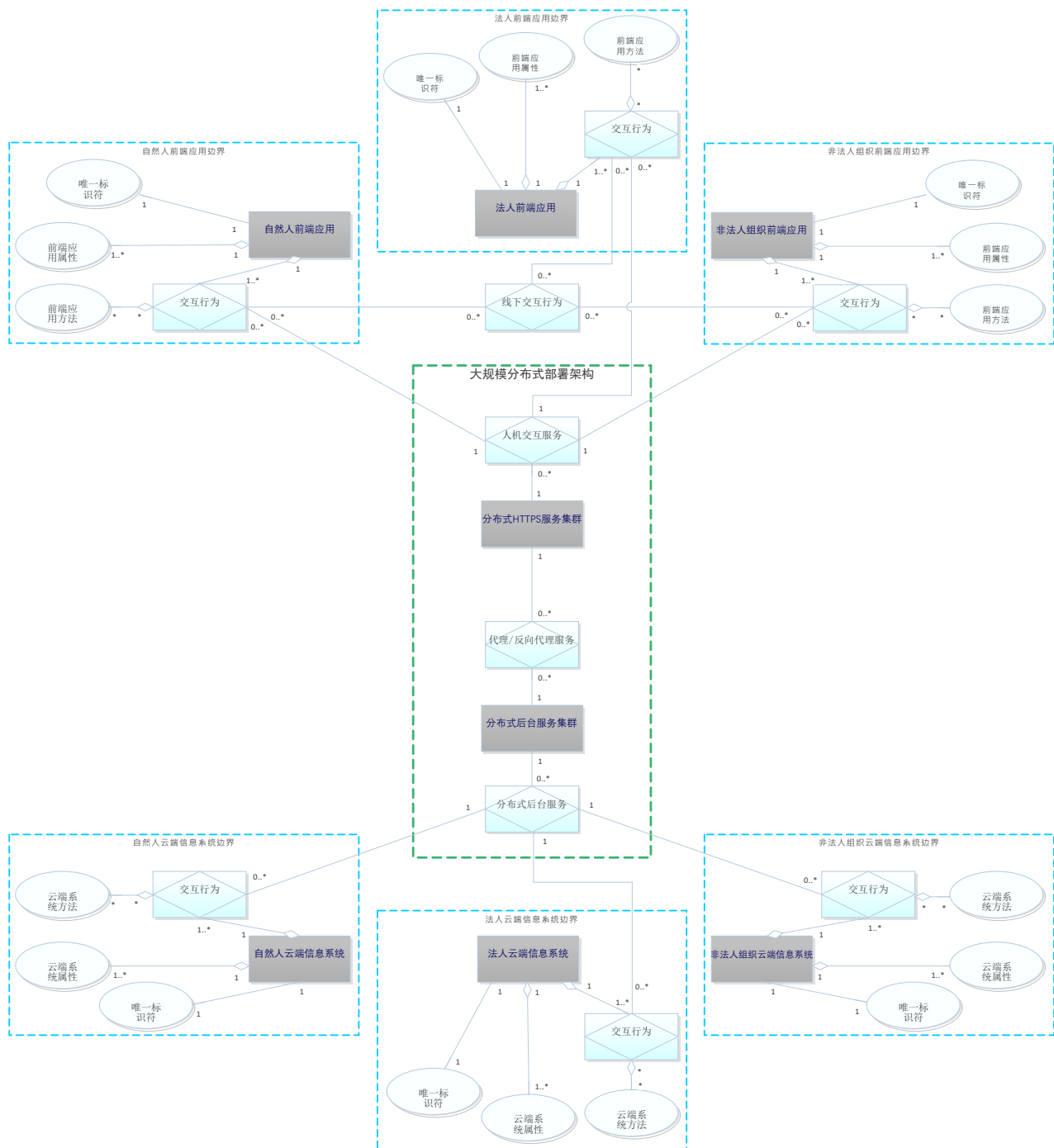


Figure 1: AppBase\_Modeling-CDM

## CorporationBSBorder

边界 in package 'AppBase\_Modeling-CDM'

CorporationBSBorder  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 法人云端信息系统边界

Extends

## CorporationFABorder

边界 in package 'AppBase\_Modeling-CDM'

CorporationFABorder  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 法人前端应用边界  
Extends

## LSDDA

边界 in package 'AppBase\_Modeling-CDM'

LSDDA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 大规模分布式部署架构  
Extends

## NaturalPersonBSBorder

边界 in package 'AppBase\_Modeling-CDM'

NaturalPersonBSBorder  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 自然人云端信息系统边界  
Extends

## NaturalPersonFABorder

边界 in package 'AppBase\_Modeling-CDM'

NaturalPersonFABorder  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 自然人前端应用边界  
Extends

## UnincorporatedOrganizationBSBorder

边界 in package 'AppBase\_Modeling-CDM'

UnincorporatedOrganizationBSBorder  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 非法人组织云端信息系统边界  
Extends

## UnincorporatedOrganizationFABorder

边界 in package 'AppBase\_Modeling-CDM'

UnincorporatedOrganizationFABorder

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18

Alias 非法人组织前端应用边界

Extends

## 注释

注释 in package 'AppBase\_Modeling-CDM'

以Internet网络为基础，基于全云化的后台计算、存储和通信服务，搭建全球共享式的P2P网络环境，在大规模分布式部署架构上，植入AuIA、BaaI和信息权属化的基础服务，遵循面向信息的思想及工程化方法，我们可以用一整套新颖的数据模型，来实现今天已经有的各种应用，以及更可能贴合近未来的全新应用。

对此概念数据模型，需要说明的是：

1. 本设计围绕社会主体，即自然人、法人和非法人组织来展开，其它类别主体的信息在此三类主体的属性中，或者是无权限、权属待定信息的数据中表达。
2. 为社会主体提供的信息服务，采用前后端分离的解耦设计。所有人机交互的需求，一律在前端的各种信息终端上进行。具体来讲，前后端的线上交互统一由分布式HTTPS服务集群来提供类总线（Bus，提供登记和路由解析）的协作服务；前端间的线下交互及前端内部的交互，则由社会主体的前端方法来处理；出于信息资产化需要的前端间及前端内部交互，也遵循类总线的设计，进行必要的方法和属性登记，满足信息全集中的路由解析条件。
3. 所有对象及交互，都需要通过元数据实现自描述和自管理，请注意在本模型中出于简洁考虑均未予标注。
4. AuIA、BaaI和信息权属化等基础服务，都是由特定的法人在整个开放的体系中提供的。模型中已经有了法人的表达，而且全体系的节点（每个社会主体是一个节点）都是对等的，所以本模型中也不对它们作特别表述。
5. 本模型的体系中还提供我们称为：自主感知（Autonomous Percept，写作：AuPercept）的类似大数据和人工智能的服务，支持各类物联网的信息整合和功能集成，详尽内容将在其它资料中提供。

注释

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/23

Extends

## 文本

文本 in package 'AppBase\_Modeling-CDM'

文本

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/23

Extends

## AppBase\_Modeling-View

文本 in package 'AppBase\_Modeling-CDM'

AppBase\_Modeling-View

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/23

Alias 面向信息应用实现的概念数据模型

## Attributes\_CorpBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Attributes\_CorpBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 云端系统属性

### ASSOCIATIONS



ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) CorporationBackendSystem  
«ERD\_Entity»

Cardinality: [1]

Target: Protected (ERD\_Attribute)  
Attributes\_CorpBS «ERD\_Attribute»

Cardinality: [1..\*]

## Attributes\_CorpFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Attributes\_CorpFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 前端应用属性

### ASSOCIATIONS



ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) CorporationFrontendApplication  
«ERD\_Entity»

Cardinality: [1]

Target: Protected (ERD\_Attribute)  
Attributes\_CorpFA «ERD\_Attribute»

Cardinality: [1..\*]

## Attributes\_NPBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Attributes\_NPBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 云端系统属性

### ASSOCIATIONS



ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) NaturalPersonBackendSystem


Target: Protected (ERD\_Attribute)

ASSOCIATIONS	
«ERD_Entity» Cardinality: [1]	Attributes_NPBS «ERD_Attribute» Cardinality: [1..*]

## Attributes\_NPFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'


Attributes\_NPFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/18  
Alias 前端应用属性

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) NaturalPersonFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_Attribute) Attributes_NPFA «ERD_Attribute» Cardinality: [1..*]

## Attributes\_UOBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Attributes\_UOBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 云端系统属性

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) UnincorporatedOrganizationBackendSystem «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_Attribute) Attributes_UOBS «ERD_Attribute» Cardinality: [1..*]


## Attributes\_UOFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Attributes\_UOFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 前端应用属性



## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)

UnincorporatedOrganizationFrontendApplication «ERD\_Entity»

Cardinality: [1]

Target: Protected (ERD\_Attribute)

Attributes\_UOFA «ERD\_Attribute»

Cardinality: [1..\*]

## BackEndClusters\_Service

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

BackEndClusters\_Service

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17

Alias 分布式后台服务

## ASSOCIATIONS

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)

BackEndClusters\_Service «ERD\_naryAssociation»

Cardinality: [0..\*]

Target: Protected (ERD\_Entity) BackEnd\_Clusters

«ERD\_Entity»

Cardinality: [1]

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)

InteractiveBehaviors\_NPBS «ERD\_naryAssociation»

Cardinality: [0..\*]

Target: Protected (ERD\_naryAssociation)

BackEndClusters\_Service «ERD\_naryAssociation»

Cardinality: [1]

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)

InteractiveBehaviors\_CorpBS «ERD\_naryAssociation»

Cardinality: [0..\*]

Target: Protected (ERD\_naryAssociation)

BackEndClusters\_Service «ERD\_naryAssociation»

Cardinality: [1]

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)

InteractiveBehaviors\_UOBS «ERD\_naryAssociation»

Cardinality: [0..\*]

Target: Protected (ERD\_naryAssociation)

BackEndClusters\_Service «ERD\_naryAssociation»

Cardinality: [1]

## BackEnd\_Clusters



ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'

BackEnd\_Clusters

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17




Alias 分布式后台服务集群

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector» Source: Protected (ERD_Entity) BackEnd_Clusters «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) Proxy_Service «ERD_naryAssociation» Cardinality: [0..*]
 关联 (direction: 不指定的) Source: Protected (ERD_naryAssociation) BackEndClusters_Service «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_Entity) BackEnd_Clusters «ERD_Entity» Cardinality: [1]

## CorporationBackendSystem

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'




CorporationBackendSystem  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 法人云端信息系统

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector» Source: Protected (ERD_Entity) CorporationBackendSystem «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_Attribute) Attributes_CorpBS «ERD_Attribute» Cardinality: [1..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector» Source: Protected (ERD_Entity) CorporationBackendSystem «ERD_Entity» Cardinality: [1]	Target: Public (ERD_Attribute) UUID_CorpBS «ERD_Attribute» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector» Source: Protected (ERD_Entity) CorporationBackendSystem «ERD_Entity» Cardinality: [1]	Target: Public (ERD_naryAssociation) InteractiveBehaviors_CorpBS «ERD_naryAssociation» Cardinality: [1..*]

## CorporationFrontendApplication

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'


CorporationFrontendApplication  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/17  
Alias 法人前端应用

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»  Source: Protected (ERD_Entity) CorporationFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_Attribute) Attributes_CorpFA «ERD_Attribute» Cardinality: [1..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»  Source: Protected (ERD_Entity) CorporationFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [1..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»  Source: Protected (ERD_Entity) CorporationFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Public (ERD_Attribute) UUID_CorpFA «ERD_Attribute» Cardinality: [1]

## Functions\_CorpBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Functions\_CorpBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 云端系统方法

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»  Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpBS «ERD_naryAssociation» Cardinality: [*]	Target: Public (ERD_Attribute) Functions_CorpBS «ERD_Attribute» Cardinality: [*]

## Functions\_CorpFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Functions\_CorpFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 前端应用方法

ASSOCIATIONS	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	

## ASSOCIATIONS

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_CorpFA «ERD\_naryAssociation»  
Cardinality: [\*]

Target: Protected (ERD\_Attribute)  
Functions\_CorpFA «ERD\_Attribute»  
Cardinality: [\*]

## Functions\_NPBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'


Functions\_NPBS

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18

Alias 云端系统方法

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_NPBS «ERD\_naryAssociation»  
Cardinality: [\*]

Target: Public (ERD\_Attribute) Functions\_NPBS  
«ERD\_Attribute»  
Cardinality: [\*]

## Functions\_NPFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'


Functions\_NPFA

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18

Alias 前端应用方法

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_NPFA «ERD\_naryAssociation»  
Cardinality: [\*]

Target: Public (ERD\_Attribute) Functions\_NPFA  
«ERD\_Attribute»  
Cardinality: [\*]

## Functions\_UOBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'


Functions\_UOBS

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18

Alias 云端系统方法

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOBS «ERD\_naryAssociation»  
Cardinality: [\*]


Target: Public (ERD\_Attribute) Functions\_UOBS  
«ERD\_Attribute»  
Cardinality: [\*]

## Functions\_UOFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

Functions\_UOFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18  
Alias 前端应用方法

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOFA «ERD\_naryAssociation»  
Cardinality: [\*]

Target: Protected (ERD\_Attribute)  
Functions\_UOFA «ERD\_Attribute»  
Cardinality: [\*]

## InterActiveViewsBus\_Cluster

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'


InterActiveViewsBus\_Cluster  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 分布式HTTPS服务集群

## ASSOCIATIONS

 关联 (direction: 不指定的)

Source: Protected (ERD\_Entity) InterActiveViewsBus\_Cluster  
«ERD\_Entity»  
Cardinality: [1]

Target: Protected (ERD\_naryAssociation)  
Proxy\_Service «ERD\_naryAssociation»  
Cardinality: [0..\*]

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) InterActiveViewsBus\_Cluster  
«ERD\_Entity»  
Cardinality: [1]

Target: Protected (ERD\_naryAssociation)  
InteractiveViews\_Service «ERD\_naryAssociation»  
Cardinality: [0..\*]

## InteractiveBehaviors\_CorpBS




ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

InteractiveBehaviors\_CorpBS

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17

Alias 交互行为

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpBS «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) BackEndClusters_Service «ERD_naryAssociation» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpBS «ERD_naryAssociation» Cardinality: [*]	Target: Public (ERD_Attribute) Functions_CorpBS «ERD_Attribute» Cardinality: [*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) CorporationBackendSystem «ERD_Entity» Cardinality: [1]	Target: Public (ERD_naryAssociation) InteractiveBehaviors_CorpBS «ERD_naryAssociation» Cardinality: [1..*]

## InteractiveBehaviors\_CorpFA



ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'



InteractiveBehaviors\_CorpFA

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17

Alias 交互行为




ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_OfflineFA «ERD_naryAssociation» Cardinality: [0..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [*]	Target: Protected (ERD_Attribute) Functions_CorpFA «ERD_Attribute» Cardinality: [*]

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveViews_Service «ERD_naryAssociation» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) CorporationFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [1..*]

## InteractiveBehaviors\_NPBS

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'





InteractiveBehaviors\_NPBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 交互行为

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPBS «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) BackEndClusters_Service «ERD_naryAssociation» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPBS «ERD_naryAssociation» Cardinality: [*]	Target: Public (ERD_Attribute) Functions_NPBS «ERD_Attribute» Cardinality: [*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) NaturalPersonBackendSystem «ERD_Entity» Cardinality: [1]	Target: Public (ERD_naryAssociation) InteractiveBehaviors_NPBS «ERD_naryAssociation» Cardinality: [1..*]

## InteractiveBehaviors\_NPFA

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

InteractiveBehaviors\_NPFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 交互行为

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_OfflineFA «ERD_naryAssociation» Cardinality: [0..*]
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveViews_Service «ERD_naryAssociation» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [*]	Target: Public (ERD_Attribute) Functions_NPFA «ERD_Attribute» Cardinality: [*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) NaturalPersonFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Public (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [1..*]

## InteractiveBehaviors\_OfflineFA



ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

InteractiveBehaviors\_OfflineFA

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/18. Last modified 2020/11/18

Alias 线下交互行为

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_OfflineFA «ERD_naryAssociation» Cardinality: [0..*]
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_CorpFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_OfflineFA «ERD_naryAssociation» Cardinality: [0..*]



## ASSOCIATIONS

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOFA «ERD\_naryAssociation»  
Cardinality: [0..\*]


Target: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_OfflineFA  
«ERD\_naryAssociation»  
Cardinality: [0..\*]

## InteractiveBehaviors\_UOBS

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

InteractiveBehaviors\_UOBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 交互行为

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»


Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOBS «ERD\_naryAssociation»  
Cardinality: [\*]

Target: Public (ERD\_Attribute) Functions\_UOBS  
«ERD\_Attribute»  
Cardinality: [\*]

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOBS «ERD\_naryAssociation»  
Cardinality: [0..\*]

Target: Protected (ERD\_naryAssociation)  
BackEndClusters\_Service «ERD\_naryAssociation»  
Cardinality: [1]

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationBackendSystem «ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_naryAssociation)  
InteractiveBehaviors\_UOBS  
«ERD\_naryAssociation»  
Cardinality: [1..\*]

## InteractiveBehaviors\_UOFA

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'




InteractiveBehaviors\_UOFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 交互行为

## ASSOCIATIONS

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_UOFA «ERD\_naryAssociation»




Target: Protected (ERD\_naryAssociation)  
InteractiveViews\_Service «ERD\_naryAssociation»

ASSOCIATIONS	
Cardinality: [0..*]	Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_UOFA «ERD_naryAssociation» Cardinality: [*]	Target: Protected (ERD_Attribute) Functions_UOFA «ERD_Attribute» Cardinality: [*]
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_UOFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_OfflineFA «ERD_naryAssociation» Cardinality: [0..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) UnincorporatedOrganizationFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) InteractiveBehaviors_UOFA «ERD_naryAssociation» Cardinality: [1..*]

## InteractiveViews\_Service

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

InteractiveViews\_Service  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 人机交互服务

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_UOFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveViews_Service «ERD_naryAssociation» Cardinality: [1]
 关联 (direction: 不指定的)	
Source: Protected (ERD_naryAssociation) InteractiveBehaviors_NPFA «ERD_naryAssociation» Cardinality: [0..*]	Target: Protected (ERD_naryAssociation) InteractiveViews_Service «ERD_naryAssociation» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) InterActiveViewsBus_Cluster «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) InteractiveViews_Service «ERD_naryAssociation» Cardinality: [0..*]

## ASSOCIATIONS

 关联 (direction: 不指定的)

Source: Protected (ERD\_naryAssociation)  
InteractiveBehaviors\_CorpFA «ERD\_naryAssociation»  
Cardinality: [0..\*]

Target: Protected (ERD\_naryAssociation)  
InteractiveViews\_Service «ERD\_naryAssociation»  
Cardinality: [1]

## NaturalPersonBackendSystem

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'


NaturalPersonBackendSystem

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18


Alias 自然人云端信息系统

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»


Source: Protected (ERD\_Entity) NaturalPersonBackendSystem  
«ERD\_Entity»  
Cardinality: [1]

Target: Protected (ERD\_Attribute)  
Attributes\_NPBS «ERD\_Attribute»  
Cardinality: [1..\*]

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) NaturalPersonBackendSystem  
«ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_naryAssociation)  
InteractiveBehaviors\_NPBS  
«ERD\_naryAssociation»  
Cardinality: [1..\*]

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) NaturalPersonBackendSystem  
«ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_NPBS  
«ERD\_Attribute»  
Cardinality: [1]

## NaturalPersonFrontendApplication

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'


NaturalPersonFrontendApplication

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/17



Alias 自然人前端应用

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)  
NaturalPersonFrontendApplication «ERD\_Entity»  
Cardinality: [1]



Target: Public (ERD\_naryAssociation)  
InteractiveBehaviors\_NPFA  
«ERD\_naryAssociation»

ASSOCIATIONS	
Cardinality: [1..*]	
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) NaturalPersonFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Public (ERD_Attribute) UUID_NPFA «ERD_Attribute» Cardinality: [1]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) NaturalPersonFrontendApplication «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_Attribute) Attributes_NPFA «ERD_Attribute» Cardinality: [1..*]

## Proxy\_Service

ERD\_naryAssociation «ERD\_naryAssociation» in package 'AppBase\_Modeling-CDM'

Proxy\_Service  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 代理/反向代理服务

ASSOCIATIONS	
 关联 (direction: 不指定的)	
Source: Protected (ERD_Entity) InterActiveViewsBus_Cluster «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) Proxy_Service «ERD_naryAssociation» Cardinality: [0..*]
 ERD_Connector (direction: 起始 -> 目标) «ERD_Connector»	
Source: Protected (ERD_Entity) BackEnd_Clusters «ERD_Entity» Cardinality: [1]	Target: Protected (ERD_naryAssociation) Proxy_Service «ERD_naryAssociation» Cardinality: [0..*]

## UUID\_CorpBS


ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_CorpBS · 是UUID\_Corporation Backend System的缩写

UUID\_CorpBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

ASSOCIATIONS

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) CorporationBackendSystem  
«ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_CorpBS  
«ERD\_Attribute»  
Cardinality: [1]


## UUID\_CorpFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_CorpFA · 是UUID\_Corporation Frontend Application的缩写

UUID\_CorpFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) CorporationFrontendApplication  
«ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_CorpFA  
«ERD\_Attribute»  
Cardinality: [1]


## UUID\_NPBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_NPBS · 是UUID\_Natural Person Backend System的缩写

UUID\_NPBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity) NaturalPersonBackendSystem  
«ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_NPBS  
«ERD\_Attribute»  
Cardinality: [1]


## UUID\_NPFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_NPFA · 是UUID\_Natural Person Frontend Application的缩写

UUID\_NPFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

#### ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)  
NaturalPersonFrontendApplication «ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_NPFA  
«ERD\_Attribute»  
Cardinality: [1]


## UUID\_UOBS

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_UOBS · 是UUID\_Unincorporated Organization Backend System的缩写

UUID\_UOBS  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

#### ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationBackendSystem «ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_UOBS  
«ERD\_Attribute»  
Cardinality: [1]


## UUID\_UOFA

ERD\_Attribute «ERD\_Attribute» in package 'AppBase\_Modeling-CDM'

UUID\_UOFA · 是UUID\_Unincorporated Organization Frontend Application的缩写

UUID\_UOFA  
Version 1.0 Phase 1.0 提议的  
Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/17  
Alias 唯一标识符

#### ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationFrontendApplication «ERD\_Entity»  
Cardinality: [1]

Target: Public (ERD\_Attribute) UUID\_UOFA  
«ERD\_Attribute»  
Cardinality: [1]

## ASSOCIATIONS

## UnincorporatedOrganizationBackendSystem

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'




UnincorporatedOrganizationBackendSystem

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/17. Last modified 2020/11/18

Alias 非法人组织云端信息系统

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationBackendSystem «ERD\_Entity»  
Cardinality: [1]Target: Public (ERD\_naryAssociation)  
InteractiveBehaviors\_UOBS  
«ERD\_naryAssociation»  
Cardinality: [1..\*] ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationBackendSystem «ERD\_Entity»  
Cardinality: [1]Target: Public (ERD\_Attribute) UUID\_UOBS  
«ERD\_Attribute»  
Cardinality: [1] ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationBackendSystem «ERD\_Entity»  
Cardinality: [1]Target: Protected (ERD\_Attribute)  
Attributes\_UOBS «ERD\_Attribute»  
Cardinality: [1..\*]

## UnincorporatedOrganizationFrontendApplication

ERD\_Entity «ERD\_Entity» in package 'AppBase\_Modeling-CDM'



UnincorporatedOrganizationFrontendApplication

Version 1.0 Phase 1.0 提议的

Clumsiest Information Inc., Shanghai created on 2020/11/11. Last modified 2020/11/17

Alias 非法人组织前端应用

## ASSOCIATIONS

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»Source: Protected (ERD\_Entity)  
UnincorporatedOrganizationFrontendApplication «ERD\_Entity»  
Cardinality: [1]Target: Protected (ERD\_Attribute)  
Attributes\_UOFA «ERD\_Attribute»  
Cardinality: [1..\*] ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»


Source: Protected (ERD\_Entity)

Target: Public (ERD\_Attribute) UUID\_UOFA

**ASSOCIATIONS**

UnincorporatedOrganizationFrontendApplication «ERD\_Entity»  
Cardinality: [1]

«ERD\_Attribute»  
Cardinality: [1]

 ERD\_Connector (direction: 起始 -> 目标) «ERD\_Connector»

Source: Protected (ERD\_Entity)

UnincorporatedOrganizationFrontendApplication «ERD\_Entity»  
Cardinality: [1]

Target: Protected (ERD\_naryAssociation)

InteractiveBehaviors\_UOFA  
«ERD\_naryAssociation»  
Cardinality: [1..\*]