LDM

Package in package 'Model'

LDM
Version 1.0 Phase 1.0 Proposed
Clumsiest created on 2018/5/16. Last modified 2018/5/16

LDM_AuIA diagram
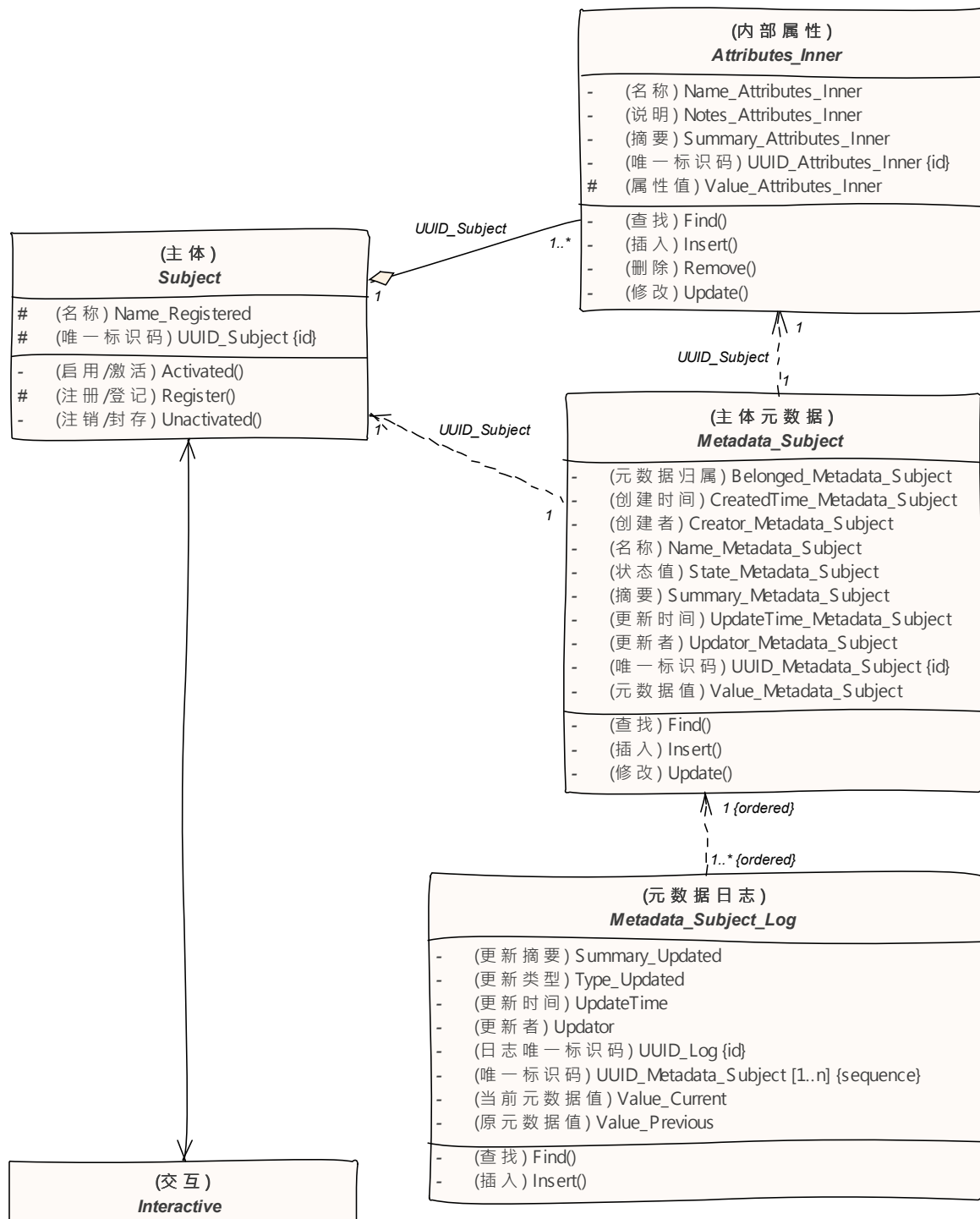
类 *diagram in package 'LDM'*

LDM_AuIA
Version 1.0
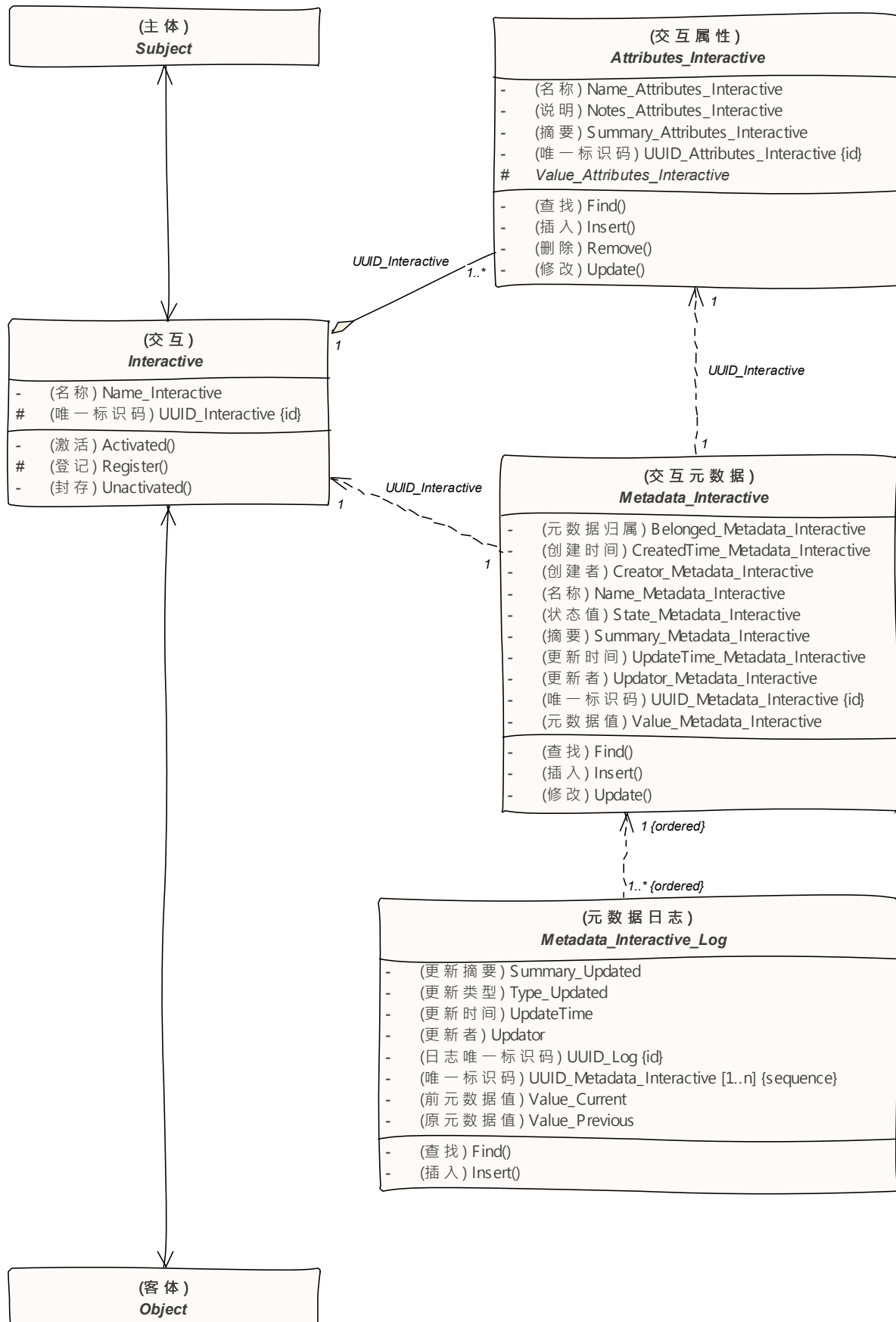Clumsiest Information created on 2018/5/16. Last modified 2018/6/20

LDM

Package in package 'Model'

The LDM (Logic Data Model) Diagram of AuIA(Autonomous Information Asset) in the BlockChain-Application Project.

By Jeephy Ji

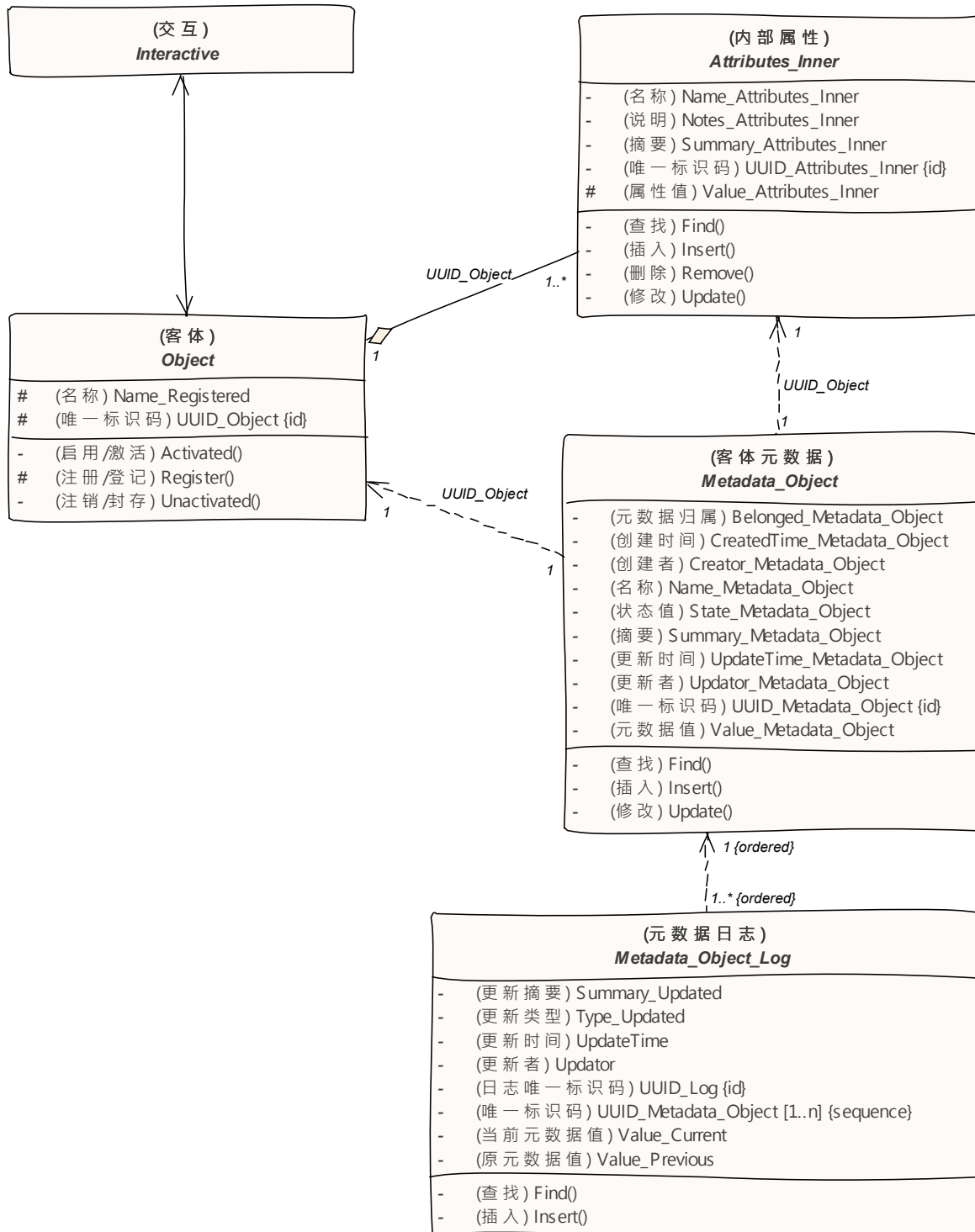*D:\ProjectBA\Data Modeling\LDM_AuIA.pdf*

(内 部 属 性)
Attributes_Inner

- (名 称) Name_Attributes_Inner
- (说 明) Notes_Attributes_Inner
- (摘 要) Summary_Attributes_Inner
- (唯 一 标 识 码) UUID_Attributes_Inner {id}
- # (属 性 值) Value_Attributes_Inner

- (查 找) Find()
- (插 入) Insert()
- (删 除) Remove()
- (修 改) Update()

(主 体)
Subject

- # (名 称) Name_Registered
- # (唯 一 标 识 码) UUID_Subject {id}

- (启 用 /激 活) Activated()
- # (注 册 /登 记) Register()
- (注 销 /封 存) Unactivated()

UUID_Subject 1..*   1

(主 体 元 数 据)
Metadata_Subject

- (元 数 据 归 属) Belonged_Metadata_Subject
- (创 建 时 间) CreatedTime_Metadata_Subject
- (创 建 者) Creator_Metadata_Subject
- (名 称) Name_Metadata_Subject
- (状 态 值) State_Metadata_Subject
- (摘 要) Summary_Metadata_Subject
- (更 新 时 间) UpdateTime_Metadata_Subject
- (更 新 者) Updator_Metadata_Subject
- (唯 一 标 识 码) UUID_Metadata_Subject {id}
- (元 数 据 值) Value_Metadata_Subject

- (查 找) Find()
- (插 入) Insert()
- (修 改) Update()

UUID_Subject   1   1

UUID_Subject   1

(元 数 据 日 志)
Metadata_Subject_Log

- (更 新 摘 要) Summary_Updated
- (更 新 类 型) Type_Updated
- (更 新 时 间) UpdateTime
- (更 新 者) Updator
- (日 志 唯 一 标 识 码) UUID_Log {id}
- (唯 一 标 识 码) UUID_Metadata_Subject [1..n] {sequence}
- (当 前 元 数 据 值) Value_Current
- (原 元 数 据 值) Value_Previous

- (查 找) Find()
- (插 入) Insert()

1 {ordered}
1..* {ordered}

(交 互)
Interactive

（主体）
Subject

（交互属性）
Attributes_Interactive

- （名称）Name_Attributes_Interactive
- （说明）Notes_Attributes_Interactive
- （摘要）Summary_Attributes_Interactive
- （唯一标识码）UUID_Attributes_Interactive {id}
\# *Value_Attributes_Interactive*

- （查找）Find()
- （插入）Insert()
- （删除）Remove()
- （修改）Update()

UUID_Interactive   1..*

1

（交互）
Interactive

- （名称）Name_Interactive
\# （唯一标识码）UUID_Interactive {id}

- （激活）Activated()
\# （登记）Register()
- （封存）Unactivated()

1

UUID_Interactive

1

UUID_Interactive

1

（交互元数据）
Metadata_Interactive

- （元数据归属）Belonged_Metadata_Interactive
- （创建时间）CreatedTime_Metadata_Interactive
- （创建者）Creator_Metadata_Interactive
- （名称）Name_Metadata_Interactive
- （状态值）State_Metadata_Interactive
- （摘要）Summary_Metadata_Interactive
- （更新时间）UpdateTime_Metadata_Interactive
- （更新者）Updator_Metadata_Interactive
- （唯一标识码）UUID_Metadata_Interactive {id}
- （元数据值）Value_Metadata_Interactive

- （查找）Find()
- （插入）Insert()
- （修改）Update()

1 {ordered}

1..* {ordered}

（元数据日志）
Metadata_Interactive_Log

- （更新摘要）Summary_Updated
- （更新类型）Type_Updated
- （更新时间）UpdateTime
- （更新者）Updator
- （日志唯一标识码）UUID_Log {id}
- （唯一标识码）UUID_Metadata_Interactive [1..n] {sequence}
- （前元数据值）Value_Current
- （原元数据值）Value_Previous

- （查找）Find()
- （插入）Insert()

（客体）
Object

（交互）
Interactive

（内部属性）
Attributes_Inner

- （名称）Name_Attributes_Inner
- （说明）Notes_Attributes_Inner
- （摘要）Summary_Attributes_Inner
- （唯一标识码）UUID_Attributes_Inner {id}
- \# （属性值）Value_Attributes_Inner

- （查找）Find()
- （插入）Insert()
- （删除）Remove()
- （修改）Update()

UUID_Object   1..*

（客体）
Object

- \# （名称）Name_Registered
- \# （唯一标识码）UUID_Object {id}

- \- （启用/激活）Activated()
- \# （注册/登记）Register()
- \- （注销/封存）Unactivated()

1

UUID_Object   1

（客体元数据）
Metadata_Object

- （元数据归属）Belonged_Metadata_Object
- （创建时间）CreatedTime_Metadata_Object
- （创建者）Creator_Metadata_Object
- （名称）Name_Metadata_Object
- （状态值）State_Metadata_Object
- （摘要）Summary_Metadata_Object
- （更新时间）UpdateTime_Metadata_Object
- （更新者）Updator_Metadata_Object
- （唯一标识码）UUID_Metadata_Object {id}
- （元数据值）Value_Metadata_Object

- （查找）Find()
- （插入）Insert()
- （修改）Update()

UUID_Object   1

1

1 {ordered}

1..* {ordered}

（元数据日志）
Metadata_Object_Log

- （更新摘要）Summary_Updated
- （更新类型）Type_Updated
- （更新时间）UpdateTime
- （更新者）Updator
- （日志唯一标识码）UUID_Log {id}
- （唯一标识码）UUID_Metadata_Object [1..n] {sequence}
- （当前元数据值）Value_Current
- （原元数据值）Value_Previous

- （查找）Find()
- （插入）Insert()

主体、客体以及相互间的交互，都通过唯一标识码和名称进行识别，通过各自的属性集被描述，并通过相应的操作呈现动态样貌。
围绕它们建立的元数据集和元数据日志，及其相应的操作则完成了全部信息项的自组织管理。

Figure 1: LDM_AuIA

注释

注释 *in package 'LDM'*

The LDM (Logic Data Model) Diagram of AuIA(Autonomous Information Asset) in the BlockChain-Application Project.

By Jeephy Ji

注释
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/23. Last modified 2018/6/20
Extends

注释

注释 *in package 'LDM'*

主体、客体以及相互间的交互，都通过唯一标识码和名称进行识别，通过各自的属性集被描述，并通过相应的操作呈现动态样貌。
围绕它们建立的元数据集和元数据日志，及其相应的操作则完成了全部信息项的自组织管理。

注释
Version 1.0 Phase 1.0 提议的
Clumsiest Information created on 2018/6/20. Last modified 2018/6/20
Extends

文本

文本 *in package 'LDM'*

文本
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/16. Last modified 2018/5/16
Extends

D:\ProjectBA\Data Modeling\LDM_AuIA.pdf

文本 *in package 'LDM'*

D:\ProjectBA\Data Modeling\LDM_AuIA.pdf
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/23. Last modified 2018/5/23
Alias D:\ProjectBA\Data Modeling\LDM_AuIA.pdf
Extends

Attributes_Inner

类 *in package 'LDM'*

Attributes_Inner

OUTGOING STRUCTURAL RELATIONSHIPS

⬅ 聚合 from Attributes_Inner to Object

[Name is UUID_Object. Direction is '起始 -> 目标'.]

CONNECTORS

↗ **依赖** UUID_Object   起始 -> 目标
From: Metadata_Object : 类, Public
To: Attributes_Inner : 类, Public

ATTRIBUTES

◆ Name_Attributes_Inner :   Private
   Alias: 名称

[Is static False. Containment is 未指定的.]

◆ Notes_Attributes_Inner :   Private
   Alias: 说明

[Is static False. Containment is 未指定的.]

◆ Summary_Attributes_Inner : Private
   Alias: 摘要

[Is static False. Containment is 未指定的.]

◆ UUID_Attributes_Inner :   Private
   Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

◆ Value_Attributes_Inner :   Protected
   Alias: 属性值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
   Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert () : Private
   Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Remove () : Private
   Alias: 删除

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

◆ Update () : Private
Alias: 修改

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Attributes_Inner

类 *in package 'LDM'*

Attributes_Inner
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/16. Last modified 2018/6/14
Alias 内部属性

OUTGOING STRUCTURAL RELATIONSHIPS

⬅ 聚合 from Attributes_Inner to Subject

[Name is UUID_Subject. Direction is '起始 -> 目标'.]

CONNECTORS

↗ **依赖** UUID_Subject   起始 -> 目标
From: Metadata_Subject : 类, Public
To: Attributes_Inner : 类, Public

ATTRIBUTES

◆ Name_Attributes_Inner :   Private
Alias: 名称

[Is static False. Containment is 未指定的.]

◆ Notes_Attributes_Inner :   Private
Alias: 说明

[Is static False. Containment is 未指定的.]

◆ Summary_Attributes_Inner :   Private
Alias: 摘要

[Is static False. Containment is 未指定的.]

◆ UUID_Attributes_Inner :   Private
Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

◆ Value_Attributes_Inner :   Protected
Alias: 属性值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
   Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert () : Private
   Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Remove () : Private
   Alias: 删除

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Update () : Private
   Alias: 修改

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Attributes_Interactive

类 *in package 'LDM'*

Attributes_Interactive
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 交互属性

OUTGOING STRUCTURAL RELATIONSHIPS

⬅ 聚合 from Attributes_Interactive to Interactive

[Name is UUID_Interactive. Direction is '起始 -> 目标'.]

CONNECTORS

↗ 依赖 UUID_Interactive   起始 -> 目标
From: Metadata_Interactive : 类, Public
To: Attributes_Interactive : 类, Public

ATTRIBUTES

◆ Name_Attributes_Interactive :   Private
   Alias: 名称

[Is static False. Containment is 未指定的.]

◆ Notes_Attributes_Interactive :   Private
   Alias: 说明

[Is static False. Containment is 未指定的.]

◆ Summary_Attributes_Interactive :   Private
   Alias: 摘要

ATTRIBUTES

[Is static False. Containment is 未指定的.]

🔷 UUID_Attributes_Interactive : Private
Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

🔷 Value_Attributes_Interactive : Protected

[Is static False. Containment is 未指定的.]

OPERATIONS

🔷 Find () : Private
Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 Insert () : Private
Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 Remove () : Private
Alias: 删除

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 Update () : Private
Alias: 修改

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Interactive

类 *in package 'LDM'*

Interactive
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 交互

ASSOCIATIONS

✏️ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Object

Interactive

类 *in package 'LDM'*

Interactive

INCOMING STRUCTURAL RELATIONSHIPS

➡ 聚合 from Attributes_Interactive to Interactive

[Name is UUID_Interactive. Direction is '起始 -> 目标'.]

CONNECTORS

↗ **依赖** UUID_Interactive   起始 -> 目标
From: Metadata_Interactive : 类, Public
To: Interactive : 类, Public

ATTRIBUTES

◆ Name_Interactive : Private
  Alias: 名称

[Is static False. Containment is 未指定的.]

◆ UUID_Interactive : Protected
  Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

ASSOCIATIONS

✏ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Subject

✏ 关联 (direction: 双向)

Source: Public (类) Object   Target: Public (类) Interactive

OPERATIONS

◆ Activated () : Private
  Alias: 激活

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Register () : Protected
  Alias: 登记

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Unactivated () : Private
  Alias: 封存

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Interactive

类 *in package 'LDM'*

Interactive
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 交互

ASSOCIATIONS

✏ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Subject

Metadata_Interactive

类 *in package 'LDM'*

Metadata_Interactive
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 交互元数据

CONNECTORS

↗ 依赖 UUID_Interactive   起始 -> 目标
From: Metadata_Interactive : 类, Public
To: Interactive : 类, Public

↗ 依赖 UUID_Interactive   起始 -> 目标
From: Metadata_Interactive : 类, Public
To: Attributes_Interactive : 类, Public

↗ 依赖   起始 -> 目标
From: Metadata_Interactive_Log : 类, Public
To: Metadata_Interactive : 类, Public

ATTRIBUTES

🔷 Belonged_Metadata_Interactive : Private
     Alias: 元数据归属

[Is static False. Containment is 未指定的.]

🔷 CreatedTime_Metadata_Interactive : Private
     Alias: 创建时间

[Is static False. Containment is 未指定的.]

🔷 Creator_Metadata_Interactive : Private
     Alias: 创建者

[Is static False. Containment is 未指定的.]

ATTRIBUTES

🔷 Name_Metadata_Interactive : Private
   Alias: 名称

[Is static False. Containment is 未指定的.]

🔷 State_Metadata_Interactive : Private
   Alias: 状态值

[Is static False. Containment is 未指定的.]

🔷 Summary_Metadata_Interactive : Private
   Alias: 摘要

[Is static False. Containment is 未指定的.]

🔷 UpdateTime_Metadata_Interactive : Private
   Alias: 更新时间

[Is static False. Containment is 未指定的.]

🔷 Updator_Metadata_Interactive : Private
   Alias: 更新者

[Is static False. Containment is 未指定的.]

🔷 UUID_Metadata_Interactive : Private
   Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

🔷 Value_Metadata_Interactive : Private
   Alias: 元数据值

[Is static False. Containment is 未指定的.]

OPERATIONS

🔶 Find () : Private
   Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 Insert () : Private
   Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 Update () : Private
   Alias: 修改

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Metadata_Interactive_Log

类 *in package 'LDM'*

Metadata_Interactive_Log
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 元数据日志

CONNECTORS

📈 **依赖**   起始 -> 目标
From: Metadata_Interactive_Log : 类, Public
To: Metadata_Interactive : 类, Public

ATTRIBUTES

◆ Summary_Updated : Private
    Alias: 更新摘要

[Is static False. Containment is 未指定的.]

◆ Type_Updated : Private
    Alias: 更新类型

[Is static False. Containment is 未指定的.]

◆ UpdateTime : Private
    Alias: 更新时间

[Is static False. Containment is 未指定的.]

◆ Updator : Private
    Alias: 更新者

[Is static False. Containment is 未指定的.]

◆ UUID_Log : Private
    Alias: 日志唯一标识码

[Is static False. Containment is 未指定的.]

◆ UUID_Metadata_Interactive : Private
    Alias: 唯一标识码
    Multiplicity: ([1..n], Allow duplicates: 1, Is ordered: True)

[Is static False. Containment is 未指定的.]

◆ Value_Current : Private
    Alias: 前元数据值

[Is static False. Containment is 未指定的.]

◆ Value_Previous : Private
    Alias: 原元数据值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
    Alias: 查找

OPERATIONS	
	[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
◆ Insert () : Private Alias: 插入	
	[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Metadata_Object

类 *in package 'LDM'*

Metadata_Object
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 客体元数据

CONNECTORS	
↗ **依赖** UUID_Object 起始 -> 目标 From: Metadata_Object : 类, Public To: Attributes_Inner : 类, Public	
↗ **依赖** UUID_Object 起始 -> 目标 From: Metadata_Object : 类, Public To: Object : 类, Public	
↗ **依赖** 起始 -> 目标 From: Metadata_Object_Log : 类, Public To: Metadata_Object : 类, Public	

ATTRIBUTES	
◆ Belonged_Metadata_Object : Private Alias: 元数据归属	
	[Is static False. Containment is 未指定的.]
◆ CreatedTime_Metadata_Object : Private Alias: 创建时间	
	[Is static False. Containment is 未指定的.]
◆ Creator_Metadata_Object : Private Alias: 创建者	
	[Is static False. Containment is 未指定的.]
◆ Name_Metadata_Object : Private Alias: 名称	
	[Is static False. Containment is 未指定的.]
◆ State_Metadata_Object : Private	

ATTRIBUTES

Alias: 状态值

[Is static False. Containment is 未指定的.]

◆ Summary_Metadata_Object : Private
Alias: 摘要

[Is static False. Containment is 未指定的.]

◆ UpdateTime_Metadata_Object : Private
Alias: 更新时间

[Is static False. Containment is 未指定的.]

◆ Updator_Metadata_Object : Private
Alias: 更新者

[Is static False. Containment is 未指定的.]

◆ UUID_Metadata_Object : Private
Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

◆ Value_Metadata_Object : Private
Alias: 元数据值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert () : Private
Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Update () : Private
Alias: 修改

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Metadata_Object_Log

类 *in package 'LDM'*

Metadata_Object_Log
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 元数据日志

CONNECTORS

CONNECTORS

↗ **依赖**   起始 -> 目标
From: Metadata_Object_Log : 类, Public
To: Metadata_Object : 类, Public

ATTRIBUTES

◆ Summary_Updated : Private
   Alias: 更新摘要

[Is static False. Containment is 未指定的.]

◆ Type_Updated : Private
   Alias: 更新类型

[Is static False. Containment is 未指定的.]

◆ UpdateTime : Private
   Alias: 更新时间

[Is static False. Containment is 未指定的.]

◆ Updator : Private
   Alias: 更新者

[Is static False. Containment is 未指定的.]

◆ UUID_Log : Private
   Alias: 日志唯一标识码

[Is static False. Containment is 未指定的.]

◆ UUID_Metadata_Object : Private
   Alias: 唯一标识码
   Multiplicity: ([1..n], Allow duplicates: 1, Is ordered: True)

[Is static False. Containment is 未指定的.]

◆ Value_Current : Private
   Alias: 当前元数据值

[Is static False. Containment is 未指定的.]

◆ Value_Previous : Private
   Alias: 原元数据值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
   Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert () : Private
   Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

Metadata_Subject

类 *in package 'LDM'*

Metadata_Subject
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/16. Last modified 2018/6/14
Alias 主体元数据

CONNECTORS

↗ **依赖** UUID_Subject   起始 -> 目标
From: Metadata_Subject : 类, Public
To: Attributes_Inner : 类, Public

↗ **依赖** UUID_Subject   起始 -> 目标
From: Metadata_Subject : 类, Public
To: Subject : 类, Public

↗ **依赖**   起始 -> 目标
From: Metadata_Subject_Log : 类, Public
To: Metadata_Subject : 类, Public

ATTRIBUTES

◆ Belonged_Metadata_Subject : Private
   Alias: 元数据归属

[Is static False. Containment is 未指定的.]

◆ CreatedTime_Metadata_Subject : Private
   Alias: 创建时间

[Is static False. Containment is 未指定的.]

◆ Creator_Metadata_Subject : Private
   Alias: 创建者

[Is static False. Containment is 未指定的.]

◆ Name_Metadata_Subject : Private
   Alias: 名称

[Is static False. Containment is 未指定的.]

◆ State_Metadata_Subject : Private
   Alias: 状态值

[Is static False. Containment is 未指定的.]

◆ Summary_Metadata_Subject : Private
   Alias: 摘要

ATTRIBUTES

	[Is static False. Containment is 未指定的.]

◆ UpdateTime_Metadata_Subject : Private
  Alias: 更新时间

	[Is static False. Containment is 未指定的.]

◆ Updator_Metadata_Subject : Private
  Alias: 更新者

	[Is static False. Containment is 未指定的.]

◆ UUID_Metadata_Subject : Private
  Alias: 唯一标识码

	[Is static False. Containment is 未指定的.]

◆ Value_Metadata_Subject : Private
  Alias: 元数据值

	[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find () : Private
  Alias: 查找

	[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert () : Private
  Alias: 插入

	[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Update () : Private
  Alias: 修改

	[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Metadata_Subject_Log

类 *in package 'LDM'*

Metadata_Subject_Log
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 元数据日志

CONNECTORS

↗ **依赖**   起始 -> 目标
From: Metadata_Subject_Log : 类, Public
To: Metadata_Subject : 类, Public

ATTRIBUTES

ATTRIBUTES

◆ Summary_Updated： Private
  Alias: 更新摘要

[Is static False. Containment is 未指定的.]

◆ Type_Updated： Private
  Alias: 更新类型

[Is static False. Containment is 未指定的.]

◆ UpdateTime： Private
  Alias: 更新时间

[Is static False. Containment is 未指定的.]

◆ Updator： Private
  Alias: 更新者

[Is static False. Containment is 未指定的.]

◆ UUID_Log： Private
  Alias: 日志唯一标识码

[Is static False. Containment is 未指定的.]

◆ UUID_Metadata_Subject： Private
  Alias: 唯一标识码
  Multiplicity: ([1..n], Allow duplicates: 1, Is ordered: True)

[Is static False. Containment is 未指定的.]

◆ Value_Current： Private
  Alias: 当前元数据值

[Is static False. Containment is 未指定的.]

◆ Value_Previous： Private
  Alias: 原元数据值

[Is static False. Containment is 未指定的.]

OPERATIONS

◆ Find ()： Private
  Alias: 查找

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Insert ()： Private
  Alias: 插入

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Object

类 *in package 'LDM'*

Object
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 客体

INCOMING STRUCTURAL RELATIONSHIPS

➡ 聚合 from Attributes_Inner to Object

[Name is UUID_Object. Direction is '起始 -> 目标'.]

CONNECTORS

↗ **依赖** UUID_Object   起始 -> 目标
From: Metadata_Object : 类, Public
To: Object : 类, Public

ATTRIBUTES

◆ Name_Registered : Protected
   Alias: 名称

[Is static False. Containment is 未指定的.]

◆ UUID_Object : Protected
   Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

ASSOCIATIONS

✎ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Object

OPERATIONS

◆ Activated () : Private
   Alias: 启用/激活

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Register () : Protected
   Alias: 注册/登记

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ Unactivated () : Private
   Alias: 注销/封存

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Object

类 *in package 'LDM'*

<div align="right">

Object
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 客体

</div>

ASSOCIATIONS

✏ 关联 (direction: 双向)

Source: Public (类) Object   Target: Public (类) Interactive

Subject

类 *in package 'LDM'*

<div align="right">

Subject
Version 1.0 Phase 1.0
Clumsiest Information created on 2018/6/14. Last modified 2018/6/14
Alias 主体

</div>

ASSOCIATIONS

✏ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Subject

Subject

类 *in package 'LDM'*

<div align="right">

Subject
Version 1.0 Phase 1.0 Proposed
Clumsiest Information created on 2018/5/16. Last modified 2018/5/16
Alias 主体

</div>

INCOMING STRUCTURAL RELATIONSHIPS

➡ 聚合 from Attributes_Inner to Subject

[Name is UUID_Subject. Direction is '起始 -> 目标'.]

CONNECTORS

↗ **依赖** UUID_Subject   起始 -> 目标
From: Metadata_Subject : 类, Public
To: Subject : 类, Public

ATTRIBUTES

◆ Name_Registered :   Protected
   Alias: 名称

ATTRIBUTES

[Is static False. Containment is 未指定的.]

🔹 UUID_Subject : Protected
Alias: 唯一标识码

[Is static False. Containment is 未指定的.]

ASSOCIATIONS

✏ 关联 (direction: 双向)

Source: Public (类) Interactive   Target: Public (类) Subject

OPERATIONS

🔹 Activated () : Private
Alias: 启用/激活

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔹 Register () : Protected
Alias: 注册/登记

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔹 Unactivated () : Private
Alias: 注销/封存

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]