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| Data Modeling Report  Data Model - Oracle  Version 1.0 ● Proposed |
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Table of Contents

Data Model - Oracle 3

Data Model - Oracle diagram 3

Oracle 3

Oracle diagram 3

Functions 4

Functions diagram 4

Packages 5

Packages diagram 5

checkout 5

checkout diagram 5

discount\_rules 7

discount\_rules diagram 7

Procedures 8

Procedures diagram 8

Remove Good from order 8

add good to order 8

create order 9

create payment 9

get Specific rules 10

Sequences 11

Sequences diagram 11

Order\_Seq 11

Payment\_Seq 11

Tables 13

Tables diagram 13

Cash\_Side\_Employees 14

Cash\_Side\_Roles 14

Discount\_Goods 14

Discount\_Rules 15

Orders 16

Payments 17

Presents 18

Rules\_Orders 19

Saled\_Goods 19

Views 21

Views diagram 21

# Data Model - Oracle

Package «DataModel» in package 'Model'

Data Model - Oracle

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2014/6/19

Alias

## Data Model - Oracle diagram

Data Modeling diagram in package 'Data Model - Oracle'

Data Model - Oracle

Version 1.0

EA created on 2017/5/20. Last modified 2017/5/20



1. Data Model - Oracle

## Oracle

Package «Database» in package 'Data Model - Oracle'

Oracle

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

### Oracle diagram

Data Modeling diagram in package 'Oracle'

Oracle

Version 1.0

邱依强 created on 2017/5/20. Last modified 2017/5/20



1. Oracle

### Functions

Package in package 'Oracle'

Functions

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

#### Functions diagram

Data Modeling diagram in package 'Functions'

Functions

Version 1.0

邱依强 created on 2017/5/20. Last modified 2017/5/20



1. Functions

### Packages

Package in package 'Oracle'

Packages

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

#### Packages diagram

Data Modeling diagram in package 'Packages'

Packages

Version 1.0

邱依强 created on 2017/5/20. Last modified 2017/5/30



1. Packages

#### checkout

Package in package 'Packages'

checkout

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/30. Last modified 2017/5/30

Alias

##### checkout diagram

Data Modeling diagram in package 'checkout'

checkout

Version 1.0

邱依强 created on 2017/5/30. Last modified 2017/5/30



1. checkout

#### discount\_rules

Package in package 'Packages'

discount\_rules

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/30. Last modified 2017/5/30

Alias

##### discount\_rules diagram

Data Modeling diagram in package 'discount\_rules'

discount\_rules

Version 1.0

邱依强 created on 2017/5/30. Last modified 2017/5/30



1. discount\_rules

### Sequences

Package in package 'Oracle'

Sequences

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

#### Sequences diagram

Data Modeling diagram in package 'Sequences'

Sequences

Version 1.0

邱依强 created on 2017/5/20. Last modified 2017/5/21



1. Sequences

#### Order\_Seq

Database «dbsequence» in package 'Sequences'

Order Auto Increment Sequence

Order\_Seq

Version 1.0 Phase 1.0

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

|  |
| --- |
| create sequence order\_seq  start with 1  increment by 1  maxvalue 9999999999999999  minvalue 1  cycle  cache 64 |

#### Payment\_Seq

Database «dbsequence» in package 'Sequences'

Payment Auto increment Sequence

Payment\_Seq

Version 1.0 Phase 1.0

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

|  |
| --- |
| create sequence payment\_seq  start with 1  increment by 1  maxvalue 9999999999999999  minvalue 1  cycle  cache 32 |

### Tables

Package in package 'Oracle'

Tables

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

#### Tables diagram

类 diagram in package 'Tables'

Tables

Version 1.0

邱依强 created on 2017/5/21. Last modified 2017/5/30



1. Tables

#### Cash\_Side\_Employees

Database table in package 'Tables'

Cash\_Side\_Employees

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Em\_ID | VARCHAR2(64) | True | 员工号 |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Cash\_Side\_Employees | Em\_ID |  |

|  |  |
| --- | --- |
| TRIGGER NAME | COMMENTS |
| TRIGGER\_DELETE | 员工删除同步数据处理触发器 |

#### Cash\_Side\_Roles

Database table in package 'Tables'

Cash\_Side\_Roles

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Em\_Role | VARCHAR2(64) | True | 员工角色 |
| Em\_ID | VARCHAR2(64) | True | 员工号 |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Cash\_Side\_Roles | Em\_Role, Em\_ID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Em\_play\_Roles\_Cash\_Side\_Employees | Em\_ID | Cash\_Side\_Employees(Em\_ID) |

#### Discount\_Goods

Database table in package 'Tables'

Discount\_Goods

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Rule\_UUID | CHAR(32) | True | 规则序列号 |
| Good\_ID | VARCHAR2(64) | True | 货物号 |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Discount\_Goods | Rule\_UUID, Good\_ID |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» IXFK\_Discount\_Goo\_Discoun01 | Rule\_UUID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Rules\_have\_Goods | Rule\_UUID | Discount\_Rules(Rule\_UUID) |

#### Discount\_Rules

Database table in package 'Tables'

Discount\_Rules

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Rule\_UUID | CHAR(32) | True | 规则序列号 |
| Rule\_Type | VARCHAR2(50) | True | 规则类型 |
| Em\_ID | VARCHAR2(64) | True | 创建者员工号 |
| Rule\_Name | VARCHAR2(50) | True | 规则名称 |
| Discount\_Rate | NUMBER(8,2) | False | 折扣率 |
| Free\_Money | NUMBER(8,2) | False | 减免金额 |
| SPECIAL\_PRICE | NUMBER(8,2) | False | 特价值 |
| Condition\_Value | NUMBER(8,2) | False | 条件值 |
| DATE\_PERIOD\_START | DATE | True | 开始日期 |
| DATE\_PERIOD\_END | DATE | True | 结束日期 |
| DAY\_PERIOD\_START | NUMBER(4) | True | 开始时刻 |
| DAY\_PERIOD\_END | NUMBER(4) | True | 结束时刻 |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Discount\_Rules | Rule\_UUID |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» PK\_Discount\_Rules | Rule\_UUID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Em\_Create\_Rules\_Discount\_Rules | Em\_ID | Cash\_Side\_Employees(Em\_ID) |

#### Orders

Database table in package 'Tables'

Orders

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Order\_ID | CHAR(32) | True |  |
| Order\_Sum | NUMBER(8,2) | True |  |
| Sum\_Money | NUMBER(10,2) | True |  |
| Order\_Cus\_ID | VARCHAR2(50) | False |  |
| Order\_Status | VARCHAR2(50) | True |  |
| Payment\_ID | CHAR(32) | False |  |
| EM\_ID | VARCHAR2(64) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Orders | Order\_ID |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» IXFK\_Payment\_has\_Orders\_P01 | Payment\_ID |  |
| «index» PK\_Orders | Order\_ID |  |

|  |  |
| --- | --- |
| TRIGGER NAME | COMMENTS |
| ORDER\_ID\_SEQ\_TRIGGER |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Payment\_has\_Orders\_Payments | Payment\_ID | Payments(Payment\_ID) |
| FK\_Em\_Responsible\_Orders | EM\_ID | Cash\_Side\_Employees(Em\_ID) |

#### Payments

Database table in package 'Tables'

Payments

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Payment\_ID | CHAR(32) | True |  |
| Payment\_Sum | NUMBER(16,2) | True |  |
| PAYMENT\_CHANNELSIDE\_ID | VARCHAR2(64) | True |  |
| Payment\_Channel | VARCHAR2(64) | True |  |
| EM\_ID | VARCHAR2(64) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Payments | Payment\_ID |  |

|  |  |
| --- | --- |
| TRIGGER NAME | COMMENTS |
| TRIGGER\_PAYMENT\_ID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Em\_Responsible\_Payments | EM\_ID | Cash\_Side\_Employees(Em\_ID) |

#### Presents

Database table in package 'Tables'

Presents

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Present\_UUID | CHAR(32) | True |  |
| Present\_Type | VARCHAR2(64) | True |  |
| Present\_Condition\_Value | NUMBER(8,2) | False |  |
| Present\_Discount\_Value | NUMBER(8,2) | False |  |
| Rule\_UUID | CHAR(32) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Presents | Present\_UUID |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» IXFK\_Rule\_has\_many\_Presen01 | Rule\_UUID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Rule\_has\_many\_Presents\_Discount\_Rules | Rule\_UUID | Discount\_Rules(Rule\_UUID) |

#### Rules\_Orders

Database table in package 'Tables'

Rules\_Orders

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Rule\_UUID | CHAR(32) | True |  |
| Order\_ID | CHAR(32) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Rules\_Orders | Rule\_UUID, Order\_ID |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» IXFK\_Rules\_Orders\_Discoun01 | Rule\_UUID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Rules\_Orders\_Discount\_Rules | Rule\_UUID | Discount\_Rules(Rule\_UUID) |
| FK\_Orders\_Rules\_Orders | Order\_ID | Orders(Order\_ID) |

#### Saled\_Goods

Database table in package 'Tables'

Saled\_Goods

Version 1.0 Phase 1.0 提议的

邱依强 created on 2017/5/21. Last modified 2017/5/30

DBMS Oracle

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| Good\_ID | VARCHAR2(64) | True |  |
| Date | DATE | True |  |
| Sum | NUMBER(8,2) | True |  |
| Price | NUMBER(9,2) | True |  |
| Order\_ID | CHAR(32) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_Saled\_Goods | Good\_ID, Date |  |

|  |  |  |
| --- | --- | --- |
| TYPE / NAME | COLUMNS | COMMENTS |
| «index» IXFK\_Order\_has\_many\_Goods01 | Order\_ID |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| FK\_Order\_has\_many\_Goods\_Orders | Order\_ID | Orders(Order\_ID) |

### Views

Package in package 'Oracle'

Views

Version 1.0 Phase 1.0 Proposed

EA created on 2017/5/20. Last modified 2017/5/20

Alias

#### Views diagram

Data Modeling diagram in package 'Views'

Views

Version 1.0

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1. Views