

-- 生成者Oracle SQL Developer Data Modeler 17.2.0.188.1059

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-- 站点: Oracle Database 12c

-- 类型: Oracle Database 12c

CREATE TABLE acted (

film\_title VARCHAR2(50) NOT NULL,

film\_year\_of\_release SMALLINT NOT NULL,

actor\_name VARCHAR2(10) NOT NULL,

actor\_data\_of\_birth DATE NOT NULL,

role VARCHAR2(10)

);

ALTER TABLE acted

ADD CONSTRAINT acted\_pk PRIMARY KEY ( film\_title,film\_year\_of\_release,actor\_name,actor\_data\_of\_birth );

CREATE TABLE actor (

name VARCHAR2(10) NOT NULL,

data\_of\_birth DATE NOT NULL

);

ALTER TABLE actor ADD CONSTRAINT actor\_pk PRIMARY KEY ( name,data\_of\_birth );

CREATE TABLE belong (

genre\_genre VARCHAR2(10) NOT NULL,

film\_title VARCHAR2(50) NOT NULL,

film\_year\_of\_release SMALLINT NOT NULL

);

ALTER TABLE belong

ADD CONSTRAINT belong\_pk PRIMARY KEY ( genre\_genre,film\_title,film\_year\_of\_release );

CREATE TABLE direct (

film\_title VARCHAR2(50) NOT NULL,

film\_year\_of\_release SMALLINT NOT NULL,

director\_name VARCHAR2(10) NOT NULL,

director\_data\_of\_birth DATE NOT NULL

);

ALTER TABLE direct

ADD CONSTRAINT direct\_pk PRIMARY KEY ( film\_title,film\_year\_of\_release,director\_name,director\_data\_of\_birth );

CREATE TABLE director (

name VARCHAR2(10) NOT NULL,

data\_of\_birth DATE NOT NULL

);

ALTER TABLE director ADD CONSTRAINT director\_pk PRIMARY KEY ( name,data\_of\_birth );

CREATE TABLE film (

title VARCHAR2(50) NOT NULL,

year\_of\_release SMALLINT NOT NULL,

length NUMBER(3) NOT NULL,

plot VARCHAR2(100) NOT NULL,

production\_company\_name VARCHAR2(20) NOT NULL

);

ALTER TABLE film ADD CONSTRAINT film\_pk PRIMARY KEY ( title,year\_of\_release );

CREATE TABLE genre (

genre VARCHAR2(10) NOT NULL

);

ALTER TABLE genre ADD CONSTRAINT genre\_pk PRIMARY KEY ( genre );

CREATE TABLE production\_company (

name VARCHAR2(20) NOT NULL,

address VARCHAR2(50) NOT NULL

);

ALTER TABLE production\_company ADD CONSTRAINT production\_company\_pk PRIMARY KEY ( name );

CREATE TABLE quote (

quote VARCHAR2(50) NOT NULL,

film\_title VARCHAR2(50) NOT NULL,

film\_year\_of\_release SMALLINT NOT NULL,

actor\_name VARCHAR2(10) NOT NULL,

actor\_data\_of\_birth DATE NOT NULL

);

ALTER TABLE quote ADD CONSTRAINT quote\_pk PRIMARY KEY ( quote );

ALTER TABLE acted

ADD CONSTRAINT acted\_actor\_fk FOREIGN KEY ( actor\_name,actor\_data\_of\_birth )

REFERENCES actor ( name,data\_of\_birth );

ALTER TABLE acted

ADD CONSTRAINT acted\_film\_fk FOREIGN KEY ( film\_title,film\_year\_of\_release )

REFERENCES film ( title,year\_of\_release );

ALTER TABLE belong

ADD CONSTRAINT belong\_film\_fk FOREIGN KEY ( film\_title,film\_year\_of\_release )

REFERENCES film ( title,year\_of\_release );

ALTER TABLE belong

ADD CONSTRAINT belong\_genre\_fk FOREIGN KEY ( genre\_genre )

REFERENCES genre ( genre );

ALTER TABLE direct

ADD CONSTRAINT direct\_director\_fk FOREIGN KEY ( director\_name,director\_data\_of\_birth )

REFERENCES director ( name,data\_of\_birth );

ALTER TABLE direct

ADD CONSTRAINT direct\_film\_fk FOREIGN KEY ( film\_title,film\_year\_of\_release )

REFERENCES film ( title,year\_of\_release );

ALTER TABLE film

ADD CONSTRAINT film\_production\_company\_fk FOREIGN KEY ( production\_company\_name )

REFERENCES production\_company ( name );

ALTER TABLE quote

ADD CONSTRAINT quote\_actor\_fk FOREIGN KEY ( actor\_name,actor\_data\_of\_birth )

REFERENCES actor ( name,data\_of\_birth );

ALTER TABLE quote

ADD CONSTRAINT quote\_film\_fk FOREIGN KEY ( film\_title,film\_year\_of\_release )

REFERENCES film ( title,year\_of\_release );

-- Oracle SQL Developer Data Modeler 概要报告:

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-- CREATE TABLE 9

-- CREATE INDEX 0

-- ALTER TABLE 18

-- CREATE VIEW 0

-- ALTER VIEW 0

-- CREATE PACKAGE 0

-- CREATE PACKAGE BODY 0

-- CREATE PROCEDURE 0

-- CREATE FUNCTION 0

-- CREATE TRIGGER 0

-- ALTER TRIGGER 0

-- CREATE COLLECTION TYPE 0

-- CREATE STRUCTURED TYPE 0

-- CREATE STRUCTURED TYPE BODY 0

-- CREATE CLUSTER 0

-- CREATE CONTEXT 0

-- CREATE DATABASE 0

-- CREATE DIMENSION 0

-- CREATE DIRECTORY 0

-- CREATE DISK GROUP 0

-- CREATE ROLE 0

-- CREATE ROLLBACK SEGMENT 0

-- CREATE SEQUENCE 0

-- CREATE MATERIALIZED VIEW 0

-- CREATE SYNONYM 0

-- CREATE TABLESPACE 0

-- CREATE USER 0

--

-- DROP TABLESPACE 0

-- DROP DATABASE 0

--

-- REDACTION POLICY 0

-- TSDP POLICY 0

--

-- ORDS DROP SCHEMA 0

-- ORDS ENABLE SCHEMA 0

-- ORDS ENABLE OBJECT 0

--

-- ERRORS 0

-- WARNINGS 0