Rockbuster Stealth Data Dictionary

Table of Contents

ENTITY RELATIONSHIP DIAGRAM

FACT TABLE
RENTAL

Column	Data Type	Description	Links to	Links from	Key
rental_id	Serial	Number assigned to rental		Payment	Primary
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
inventory_id	INTEGER	Number assigned to item in the table	Inventory		Foreign
customer_id	SMALLINT	Number assigned to customer	Customer		Foreign
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned			
staff_id	SMALLINT	Number assigned to employee	Staff		Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

DIMENSION TABLES
ACTOR

Column	Data Type	Description	Links to	Links from	Key
actor_id	SERIAL	Number assigned to actor		Film_actor	Primary
first_name	CHARACTERVARYING(45)	First name of actor			
last_name	CHARACTERVARYING(45)	Last name of actor			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

ADDRESS

Column	Data Type	Description	Links to	Links from	Key
address_id	SERIAL	Number assigned to address		Customer Staff Store	Primary
address	CHARACTERVARYING(50)	Street address			
address2	CHARACTERVARYING(50)	Supplementary street address			
district	CHARACTERVARYING(20)	District			
city_id	SMALLINT	Number assigned to city	City		Foreign
postal_code	CHARACTERVARYING(10)	Postal code			
phone	CHARACTERVARYING(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

CATEGORY

Column	Data Type	Description	Links to	Links from	Key
category_id	SERIAL	Number assigned to language		Film_category	Primary
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

CITY

Column	Data Type	Description	Links to	Links from	Key

city_id	SERIAL	Number assigned to city		Address	Primary
city	CHARACTERVARYING(20)	Name of city			
country_id	SMALLINT	Number assigned to country	Country		Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

COUNTRY

Column	Data Type	Description	Links to	Links from	Key
country_id	SERIAL	Number assigned to country		City	Primary
country	CHARACTERVARYING(50)	Name of country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

CUSTOMER

Column	Data Type	Description	Links to	Links from	Key
customer_id	SERIAL	Number assigned to customer	Payment Rental		Primary
store_id	SMALLINT	Number assigned to store			
first_name	CHARACTERVARYING(50)	First name of customer			
last_name	CHARACTERVARYING(45)	Last name of customer			
email	CHARACTERVARYING(50)	Email address of customer			
address_id	SMALLINT	Number assigned to customer's address			Foreign
activebool	BOOLEAN	Customer's active status			

6

create_date	DATE	Date entry was created			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
active	INTEGER	Customer's active status			

FILM

Column	Data Type	Description	Links to	Links from	Key
film_id	SERIAL	Number assigned to film		Inventory Film_actor Film_category	Primary
title	CHARACTERVARYING(45)	Title of film			
description	TEXT	Description of film			
release_year	year	Release year of film			
language_id	SMALLINT	Number assigned to film language	Language		Foreign
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4,2)	Price of film rental			
length	SMALLINT	Length of film rental			
replacement_cost	NUMERIC(5,2)	Cost of film replacement			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
special_features	TEXT[]	Special features included with film			
fulltext	TSVECTOR	Keywords associated with film			

7

FILM_ACTOR

Column	Data Type	Description	Links to	Links from	Key
actor_id	SMALLINT	Number assigned to actor	Actor		Primary
film_id	SMALLINT	Number assigned to film	Film		Foreign
last_ipdate	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

FILM_CATEGORY

Column	Data Type	Description	Links to	Links from	Key
film_id	SMALLINT	Number assigned to film	Film		Foreign
category_id	SMALLINT	Number assigned to genre/category	Category		Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

INVENTORY

Column	Data Type	Description	Links to	Links from	Key
inventory_id	SERIAL	Number assigned to item		Rental	Primary
film_id	SMALLINT	Number assigned to film	Film		Foreign
store_id	SMALLINT	Number assigned to store			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

LANGUAGE

Column	Data Type	Description	Links to	Links from	Key
language_id	SERIAL	Number assigned to language		Film	Primary
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

PAYMENT

Column	Data Type	Description	Links to	Links from	Key
payment_id	SERIAL	Number assigned to payment			Primary
customer_id	SMALLINT	Number assigned to customer	Customer		Foreign
staff_id	SMALLINT	Number assigned to employee	Staff		Foreign
rental_id	INTEGER	Number assigned to rental	Rental		Foreign
amount	NUMERIC (5,2)	Amount paid			
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment			

STAFF

Column	Data Type	Description	Links to	Links from	Key

staff_id	SERIAL	Number assigned to employee		Payment Rental Store	Primary
first_name	CHARACTERVARYING(45)	First name of employee			
last_name	CHARACTERVARYING(45)	Last name of employee			
address_id	SMALLINT	Number assigned to employee's address	Address		Foreign
email	CHARACTERVARYING(50)	Email address of employee			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Employee active status			
username	CHARACTERVARYING(16)	Username of employee			
password	CHARACTERVARYING(40)	Password of employee			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
picture	BYTEA	Picture of employee			

STORE

Column	Data Type	Description	Links to	Links from	Key
store_id	SERIAL	Number assigned to store			Primary
manager_staff_id	SMALLINT	Number assigned to store manager	Staff		Foreign
address_id	SMALLINT	Number assigned to store address	Address		Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			