

ROCKBUSTER STEALTH LLC

DATA DICTIONARY

12-04-2023

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1. ROCKBUSTER STEALTH

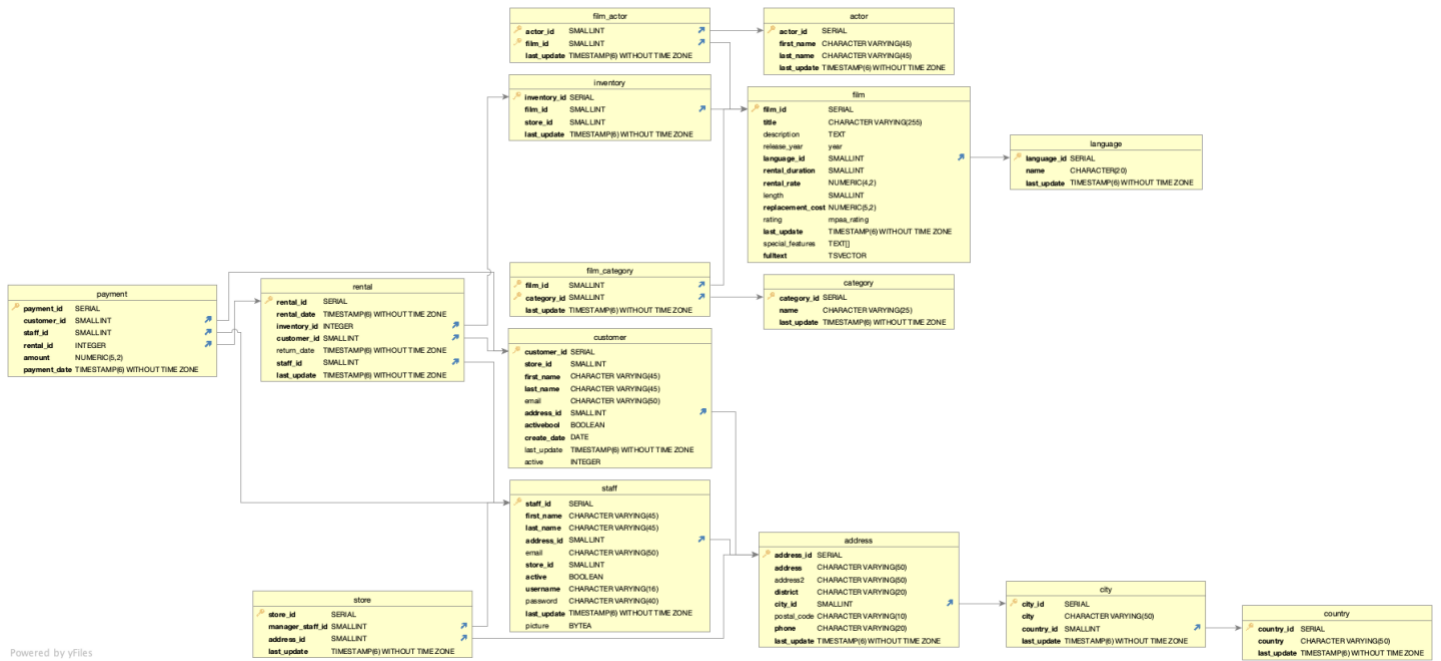
This document describes the tables, variables, and information about Rockbuster Stealth's movie rentals.

The data was downloaded into PostgreSQL.

You can download the Rockbuster Stealth data here:

[Rockbuster Stealth Data Set](#)

2. ENTITY RELATIONSHIP DIAGRAM (ERD)



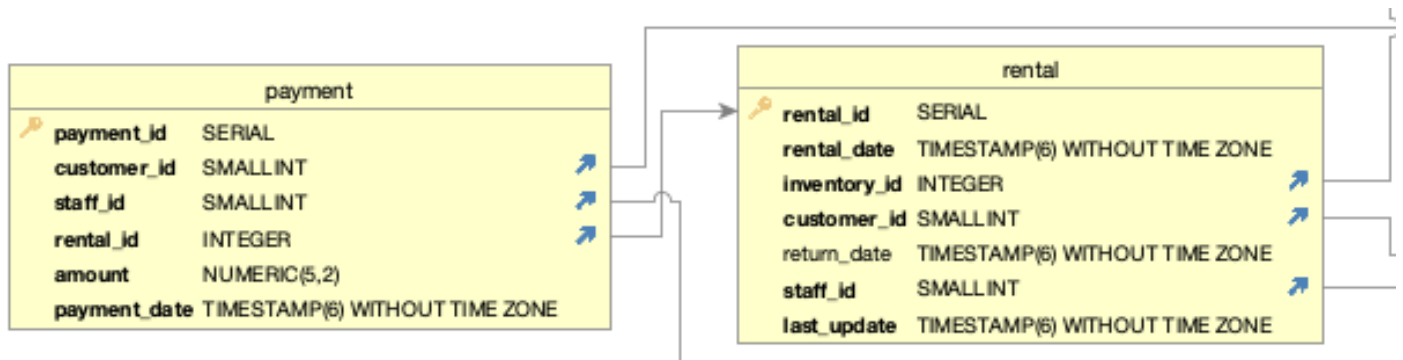
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3. LEGEND

Primary Key

Foreign Key

4. FACT TABLES



4A. PAYMENT

Columns	Data Type	Description	Links to
payment_id	SERIAL	Primary key for payments	
customer_id	SMALLINT	Foreign Key	Customer
staff_id	SMALLINT	Foreign Key	Staff
rental_id	INTEGER	Foreign Key	Rental
amount	NUMERIC (5,2)	The amount paid for the rental which can have up to 5 numerical digits with at least two decimal places.	
payment_date	TIMESTAMP (6) WITHOUT TIME ZONE	The timestamp of the payment (yyyy-mm-dd) plus the time when the payment was made.	

4B. RENTAL

Columns	Data Type	Description	Links to
rental_id	SERIAL	Primary Key for rentals	
rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	The timestamp of the rental (yyyy-mm-dd) plus the time the rental was made.	
inventory_id	INTEGER	Foreign Key	Inventory
customer_id	SMALLINT	Foreign Key	Customer
return_date	TIMESTAMP (6) WITHOUT TIME ZONE	The timestamp of the return (yyyy-mm-dd) plus the time when the return was made.	
staff_id	SMALLINT	The id for staff	Staff
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update of the rental (yyyy-mm-dd) plus the time when the rental was made.	

5. DIMENSION TABLES



5A. FILM CATEGORY

Columns	Data Type	Description	Links to
film_id	SMALLINT	Primary Key	Film
category_id	SMALLINT	Primary Key	Category
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for films (yyyy-mm-dd) plus the time the update was made.	

5B. CATEGORY

Columns	Data Type	Description
category_id	SERIAL	Primary Key
name	CHARACTER VARYING (25)	Name of category
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for category (yyyy-mm-dd) plus the time the update was made.

5C. INVENTORY

Columns	Data Type	Description	Links to
inventory_id	SERIAL	Primary key	
film_id	SMALLINT	Foreign Key	Film
store_id	SMALLINT	Foreign Key	Store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for inventory (yyyy-mm-dd) plus the time the update was made.	

5D. FILM

Columns	Data Type	Description	Links to
film_id	SERIAL	Primary Key	
title	CHARACTER VARYING (255)	Film title	
description	TEXT	About the movie	
release_year	year	Year movie was released	
language_id	SMALLINT	Foreign Key	Language
rental_duration	SMALLINT	How long the rental was	
rental_rate	NUMERIC (4,2)	The price for rental	
length	SMALLINT	How long the movie is	
replacement_cost	NUMERIC (5,2)	How much a replacement of the movie costs. The numerical values are up to 5 numerical digits with at least two decimal places (ie. 12345.12	
rating	mpaa_rating	The rating of the movie	
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for movie (yyyy-mm-dd) plus the time the update was made.	
special_features	TEXT []	Any special features the movie may contain.	
fulltext	TSVECTOR	Key words	

5E. LANGUAGE

Columns	Data Type	Description
language_id	SERIAL	Primary Key
name	CHARACTER (20)	Language name
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for language (yyyy-mm-dd) plus the time the update was made.

5F. FILM_ACTOR

Columns	Data Type	Description
actor_id	SMALLINT	Primary Key
film_id	SMALLINT	Primary Key
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for actors (yyyy-mm-dd) plus the time the update was made.

5G. ACTOR

Columns	Data Type	Description
actor_id	SERIAL	Primary Key
first_name	CHARACTER VARYING (45)	Actor's first name
last_name	CHARACTER VARYING (45)	Actor's last name
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for actor (yyyy-mm-dd) plus the time the update was made.

5H. STORE

Columns	Data Type	Description
store_id	SERIAL	Primary Key
manager_staff_id	SMALLINT	The id for managers.
address_id	SMALLINT	The id for address of store.
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update of the store (yyyy-mm-dd) plus the time when update was made.

51. STAFF

Columns	Data Type	Description	Links to
staff_id	SERIAL	Primary Key	
first_name	CHARACTER VARYING (45)	Staff's first name	
last_name	CHARACTER VARYING (45)	Staff's last name	
address_id	SMALLINT	Foreign Key	Address
email	CHARACTER VARYING (50)	Staff's email	
store_id	SMALLINT	Foreign Key	Store
active	BOOLEAN	Status of staff	
username	CHARACTER VARYING (16)	Staff's username	
password	CHARACTER VARYING (40)	Staff's password	
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for staff (yyyy-mm-dd) plus the time the update was made.	
picture	BYTEA	Staff's picture	

5J. CUSTOMER

Columns	Data Type	Description	Links to
customer_id	SERIAL	Primary Key	
store_id	SMALLINT	Foreign Key	Store
first_name	CHARACTER VARYING (45)	Customer's first name	
last_name	CHARCTER VARYING (45)	Customer's last name	
email	CHARCTER VARYING (50)	Customer's email	
address_id	SMALLINT	Foreign Key	Address
activebool	BOOLEAN	Active status of customer	
create_date	DATE	Date customer account was created	
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for customer (yyyy-mm-dd) plus the time the update was made.	
active	INTEGER	Status of customer	

5K. ADDRESS

Columns	Data Type	Description	Links to
address_id	SERIAL	Primary Key	
address	CHARACTER VARYING (50)	Address for store	
address2	CHARACTER VARYING (50)	Address for store	
district	CHARACTER VARYING (20)	District for store	
city_id	SMALLINT	Foreign Key	City
postal_code	CHARACTER VARYING (10)	Postal code of store	
phone	CHARACTER VARYING (20)	Phone number of store	
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for store (yyyy-mm-dd) plus the time the update was made.	

5L. CITY

Columns	Data Type	Description	Links to
city_id	SERIAL	Primary Key	
city	CHARACTER VARYING (50)	City name	
country_id	SMALLINT	Foreign Key	Country
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for city (yyyy-mm-dd) plus the time the update was made.	

5M. COUNTRY

Columns	Data Type	Description
country_id	SERIAL	Primary Key
country	CHARACTER VARYING (50)	Country name
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	The update for country (yyyy-mm-dd) plus the time the update was made.