

ROCKBUSTER STEALTH LLC

DATA DICTIONARY

12-04-2023

# TABLE OF CONTENTS

1. Rockbuster Stealth .....	3
2. Entity Relationship Diagram (ERD).....	4
3. Legend .....	4
4. Fact Tables .....	5
4A. Payment.....	5
4B. Rental .....	6
5. Dimension Tables .....	7
5A. Film Category .....	7
5B. Category .....	8
5C. Inventory .....	8
5D. Film .....	9
5E. Language .....	10
5F. Film Actor .....	10
5G. Actor .....	10
5H. Store .....	11
5I. Staff .....	12
5J. Customer .....	13
5K. Address .....	14
5L. City.....	15
5M. Country .....	15

## 1. ROCKBUSTER STEALTH

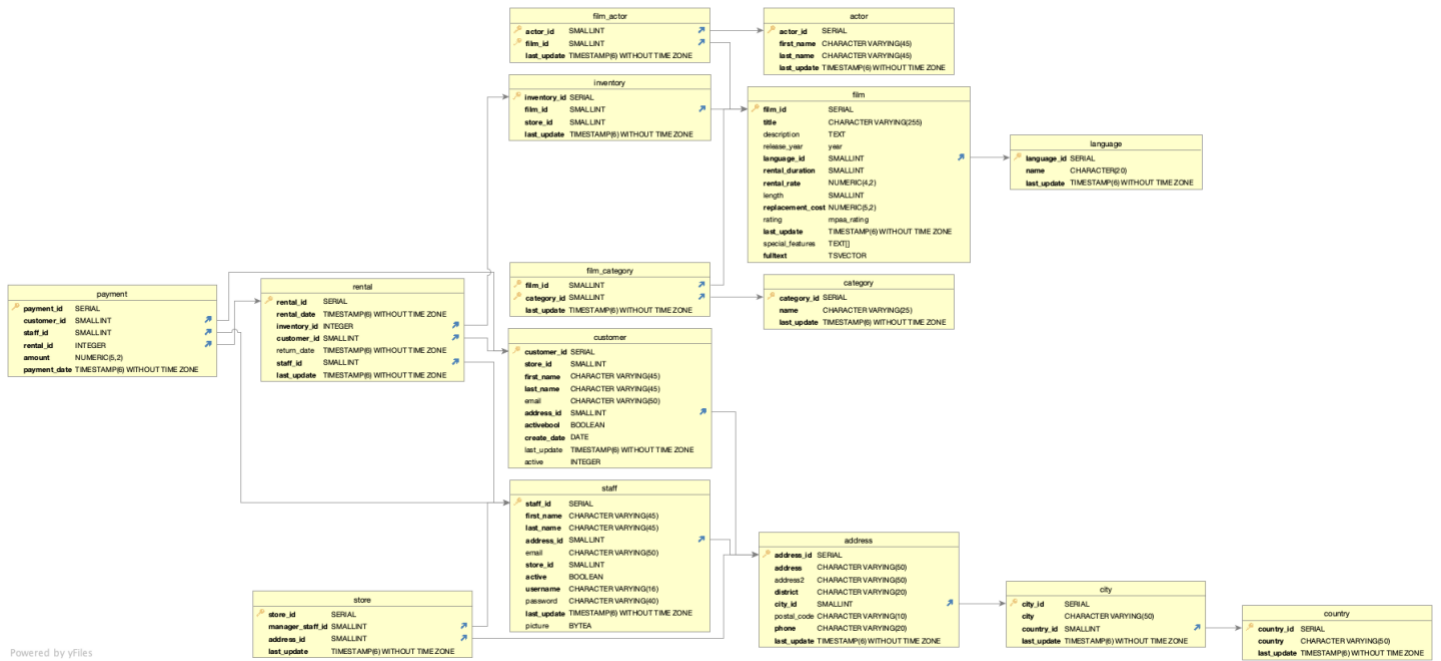
This document describes the tables, variables, and information about Rockbuster Stealth's movie rentals.

The data was downloaded into PostgreSQL.

You can download the Rockbuster Stealth data here:

[Rockbuster Stealth Data Set](#)

## 2. ENTITY RELATIONSHIP DIAGRAM (ERD)



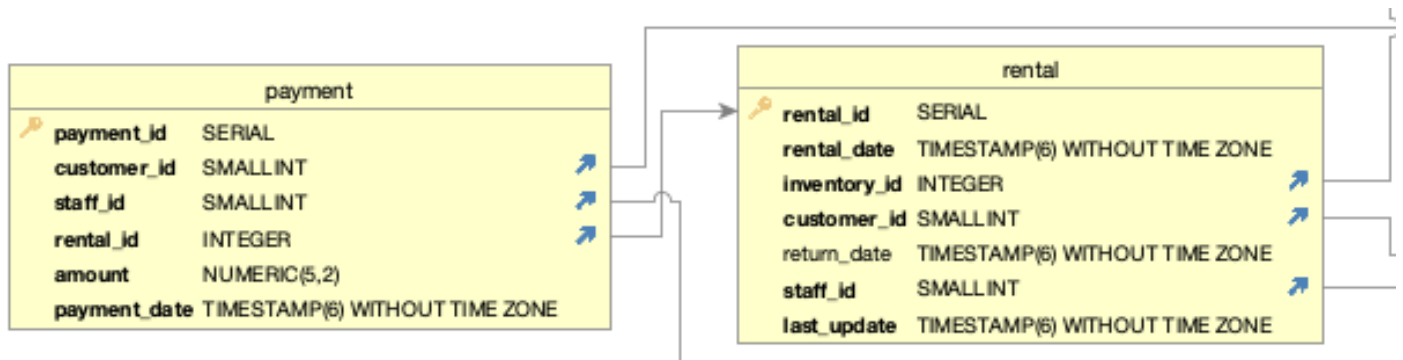
Powered by yfiles

## 3. LEGEND

Primary Key

Foreign Key

## 4. FACT TABLES



### 4A. PAYMENT

Columns	Data Type	Description	Links to
<b>payment_id</b>	SERIAL	Primary key for payments	
<b>customer_id</b>	SMALLINT	Foreign Key	Customer
<b>staff_id</b>	SMALLINT	Foreign Key	Staff
<b>rental_id</b>	INTEGER	Foreign Key	Rental
<b>amount</b>	NUMERIC (5,2)	The amount paid for the rental which can have up to 5 numerical digits with at least two decimal places.	
<b>payment_date</b>	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
<b>rental_id</b>	SERIAL	Primary Key for rentals	
<b>rental_date</b>	TIMESTAMP (6) WITHOUT TIME ZONE	The timestamp of the rental (yyyy-mm-dd) plus the time the rental was made.	
<b>inventory_id</b>	INTEGER	Foreign Key	Inventory
<b>customer_id</b>	SMALLINT	Foreign Key	Customer
<b>return_date</b>	TIMESTAMP (6) WITHOUT TIME ZONE	The timestamp of the return (yyyy-mm-dd) plus the time when the return was made.	
<b>staff_id</b>	SMALLINT	The id for staff	Staff
<b>last_update</b>	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
<b>film_id</b>	SMALLINT	Primary Key	Film
<b>category_id</b>	SMALLINT	Primary Key	Category
<b>last_update</b>	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
<b>category_id</b>	SERIAL	Primary Key
<b>name</b>	CHARACTER VARYING (25)	Name of category
<b>last_update</b>	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
<b>inventory_id</b>	SERIAL	Primary key	
<b>film_id</b>	SMALLINT	Foreign Key	Film
<b>store_id</b>	SMALLINT	Foreign Key	Store
<b>last_update</b>	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
<b>film_id</b>	SERIAL	Primary Key	
<b>title</b>	CHARACTER VARYING (255)	Film title	
<b>description</b>	TEXT	About the movie	
<b>release_year</b>	year	Year movie was released	
<b>language_id</b>	SMALLINT	Foreign Key	Language
<b>rental_duration</b>	SMALLINT	How long the rental was	
<b>rental_rate</b>	NUMERIC (4,2)	The price for rental	
<b>length</b>	SMALLINT	How long the movie is	
<b>replacement_cost</b>	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	
<b>rating</b>	mpaa_rating	The rating of the movie	
<b>last_update</b>	TIMESTAMP (6) WITHOUT TIME ZONE	The update for movie (yyyy-mm-dd) plus the time the update was made.	
<b>special_features</b>	TEXT []	Any special features the movie may contain.	
<b>fulltext</b>	TSVECTOR	Key words	

## 5E. LANGUAGE

Columns	Data Type	Description
<b>language_id</b>	SERIAL	Primary Key
<b>name</b>	CHARACTER (20)	Language name
<b>last_update</b>	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
<b>actor_id</b>	SMALLINT	Primary Key
<b>film_id</b>	SMALLINT	Primary Key
<b>last_update</b>	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
<b>actor_id</b>	SERIAL	Primary Key
<b>first_name</b>	CHARACTER VARYING (45)	Actor's first name
<b>last_name</b>	CHARACTER VARYING (45)	Actor's last name
<b>last_update</b>	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
<b>store_id</b>	SERIAL	Primary Key
<b>manager_staff_id</b>	SMALLINT	The id for managers.
<b>address_id</b>	SMALLINT	The id for address of store.
<b>last_update</b>	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
<b>staff_id</b>	SERIAL	Primary Key	
<b>first_name</b>	CHARACTER VARYING (45)	Staff's first name	
<b>last_name</b>	CHARACTER VARYING (45)	Staff's last name	
<b>address_id</b>	SMALLINT	Foreign Key	Address
<b>email</b>	CHARACTER VARYING (50)	Staff's email	
<b>store_id</b>	SMALLINT	Foreign Key	Store
<b>active</b>	BOOLEAN	Status of staff	
<b>username</b>	CHARACTER VARYING (16)	Staff's username	
<b>password</b>	CHARACTER VARYING (40)	Staff's password	
<b>last_update</b>	TIMESTAMP (6) WITHOUT TIME ZONE	The update for staff (yyyy-mm-dd) plus the time the update was made.	
<b>picture</b>	BYTEA	Staff's picture	

## 5J. CUSTOMER

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

## 5K. ADDRESS

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