



Rockbuster Stealth

— Data Dictionary —

By Esther Howard

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1. Rockbuster Stealth LLC

Introduction

This document is a Data Dictionary for the PostgreSQL database of Rockbuster Stealth.

Data Set

This documentation is based in the provided data set that contains information about Rockbuster's film inventory, customers, and payments, among other things, and it can be found in the following link:

[Download the Rockbuster data set](#)

2. Entity Relationship Diagram (ERD)



3. Legend







Primary Key







Foreign Key

4. Fact Tables

4.1 Payment




	Name	Data Type	Description
	Payment_id	Serial	Unique key for payment table
	Customer_id	Smallint	Unique key for customer table
	Staff_id	Smallint	Unique key for staff table
	Rental_id	Integer	Unique key for rental table
	Amount	Numeric(5,2)	Transaction amount
	Payment_date	Timestamp (6) w/o timezone	Transaction date

4.2 Rental




	Name	Data Type	Description
	Rental_id	Serial	Unique key for rental table
	Rental_date	Timestamp (6) w/o timezone	Date of rental
	Inventory_id	Integer	Unique key for inventory table
	Customer_id	Smallint	Unique key for customer table
	Return_date	Timestamp (6) w/o timezone	Date of return
	Staff_id	Smallint	Unique key for staff table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record

5. Dimension Tables



5.1 Store

	Name	Data Type	Description
	Store_id	Serial	Unique key for store table
	Manager_staff_id	Smallint	Unique key of manager for staff table
	Address_id	Smallint	Unique key for address table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record



5.2 Staff

	Name	Data Type	Description
	Staff_id	serial	Unique key for staff table
	First_name	Character varying(45)	First name of staff record
	Last_name	Character varying(45)	Last name of staff record
	Address_id	Smallint	Unique key for address table
	Email	Character varying(50)	Email of staff record
	Store_id	Smallint	Unique key for store table
	Active	Boolean	Is staff active?
	Username	Character varying(16)	Username of staff record
	Password	Character varying(40)	Password of staff record
	Last_update	Timestamp (6) w/o timezone	Date of last update for record
	picture	bytea	Picture of staff record


5.3 Address

	Name	Data Type	Description
	Address_id	serial	Unique key for payment table
	Address	Character varying(50)	Address of record
	Address2	Character varying(50)	Address 2 of record
	District	Character varying(20)	District of record
	City_id	Smallint	Unique key for city table
	Postal_code	Character varying(10)	Postal code of record
	Phone	Character varying(20)	Phone of record
	Last_update	Timestamp (6) w/o timezone	Date of last update for record




5.4 City

	Name	Data Type	Description
	City_id	Serial	Unique key for city table
	City	Character varying(50)	City name
	Country_id	smallint	Unique key for country table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record



5.5 Country

	Name	Data Type	Description
	Country_id	Serial	Unique key for country table
	Country_name	Character varying(50)	Country name
	Last_update	Timestamp (6) w/o timezone	Date of last update for record



5.6 Customer

	Name	Data Type	Description
	Customer_id	serial	Unique key for customer table
	Store_id	Smallint	Unique key for store table
	First_name	Character varying(45)	First name of customer record
	Last_name	Character varying(50)	Last name of customer record
	Email	Character varying(50)	Email of customer record
	Address_id	Smallint	Unique key for address table
	Activebool	Boolean	Is customer active? (In boolean)
	Create_date	Date	Date of customer record creation
	Active	integer	Is customer active? (In integer)
	Last_update	Timestamp (6) w/o timezone	Date of last update for record


5.7 Film

	Name	Data Type	Description
	Film_id	Serial	Unique key for payment table
	Title	Character varying(45)	Title of film record
	Description	Text	Description of film record
	Release_year	Year	Release year of film record
	Language_id	Smallint	Unique key for payment table
	Rental_duration	Smallint	Rental duration of film record
	Rental_rate	Numeric(4,2)	Rental rate of film record
	Length	Smallint	Length of film record
	Replacement_cost	Numeric(5,2)	Replacement cost of film record
	Rating	Mpaa_rating	Rating of film record
	Last_update	Timestamp (6) w/o timezone	Date of last update for record
	Special_features	Text[]	Special features of film record
	Fulltext	tsvector	Tags related to film record


5.8 Film_actor

	Name	Data Type	Description
	Actor_id	Smallint	Unique key for actor table
	Film_id	Smallint	Unique key for film table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record




5.9 Actor

	Name	Data Type	Description
	Actor_id	Serial	Unique key for actor table
	First_name	Character varying(45)	First name of actor record
	Last_name	Character varying(45)	Last name of actor record
	Last_update	Timestamp (6) w/o timezone	Date of last update for record


5.10 Language

	Name	Data Type	Description
	Language_id	Serial	Unique key for language table
	Name	Character(20)	Name of language record
	Last_update	Timestamp (6) w/o timezone	Date of last update for record



5.11 Inventory

	Name	Data Type	Description
	Inventory_id	Serial	Unique key for inventory table
	Film_id	Smallint	Unique key for film table
	Store_id	Smallint	Unique key for store table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record

5.12 Category

	Name	Data Type	Description
	Category_id	serial	Unique key for category table
	Name	Character varying(25)	Name of category
	Last_update	Timestamp (6) w/o timezone	Date of last update for record

5.13 Film_category

	Name	Data Type	Description
	Film_id	Smallint	Unique key for film table
	Category_id	Smallint	Unique key for category table
	Last_update	Timestamp (6) w/o timezone	Date of last update for record