

The background is a dark, textured grey. At the top, a black horizontal bar with white rectangular cutouts is visible. Three black, dome-shaped spotlights hang from the top, each casting a bright, circular beam of light downwards. In the bottom left corner, two clapperboards with black and white diagonal stripes are visible, one partially behind the other. In the bottom right corner, a portion of a white, circular object, possibly a film reel or a camera lens, is visible.

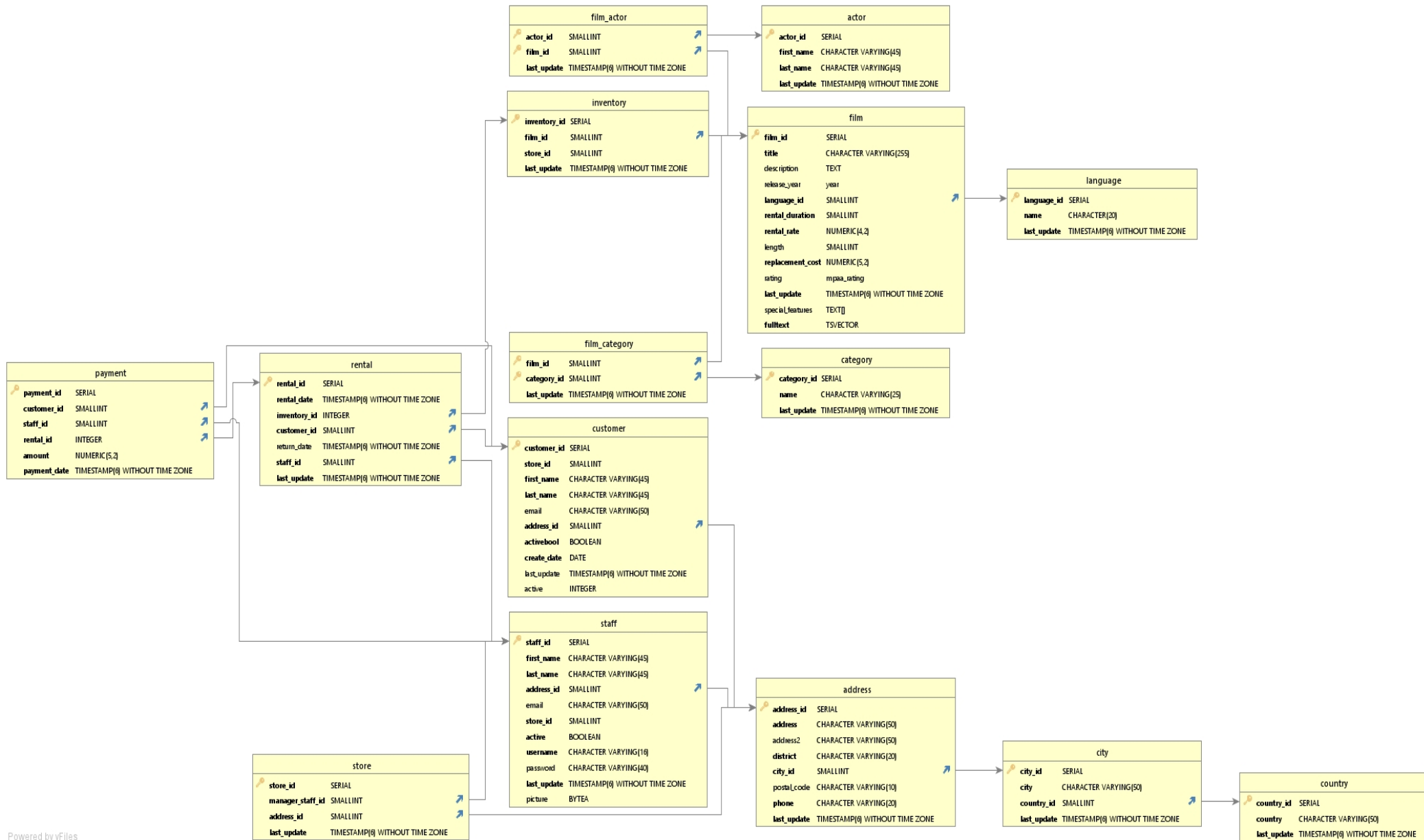
ROCKBUSTER STEALTH DATA DICTIONARY

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Data Dictionary

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Entity Relationship Diagram



FACT TABLE

Rental

Columns	Data type	Descriptions	Key	Links to	Links from
rental_id	SERIAL	Number assigned to rental	Primary		Payment
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental			
Inventory_id	INTEGER	Number assigned to item	Foreign	Inventory	
Customer_id	SMALLINT	Number assigned to customer	Foreign	Customer	
Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of return		Staff	
Staff_id	SMALLINT	Number assigned to staff	Foreign		
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

DIMENSION TABLES

Payment

Columns	Data type	Descriptions	Key	Links to	Links from
Payment_id	SERIAL	Number assigned to payment	Primary		
Customer_id	SMALLINT	Number assigned to customer	Foreign		Customer
Staff_id	SMALLINT	Number assigned to staff	Foreign		Staff
Rental_id	INTEGER	Number assigned to rental	Foreign		Rental
Amount	NUMERIC(5.2)	Payment amount			
Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Payment date			

Store

Columns	Data type	Descriptions	Key	Links to	Links from
Store_id	SERIAL	Number assigned to store	Primary		
Manager_staff_id	SMALLINT	Number assigned to store manager	Foreign	Staff	
Address_id	SMALLINT	Number assigned to store address	Foreign	Address	
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

Film_actor

Columns	Data type	Descriptions	Key	Links to	Links from
Actor_id	SMALLINT	Number assigned to actor	Primary, foreign	Actor	
Film_id	SMALLINT	Number assigned to film	Primary, foreign	Film	
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

inventory

Columns	Data type	Descriptions	Key	Links to	Links from
Inventory_id	SERIAL	Number assigned to item	Primary		Rental
Film_id	SMALLINT	Number assigned to film	Foreign	Film	
Store_id	SMALLINT	Number assigned to store			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

Film_category

Columns	Data type	Descriptions	Key	Links to	Links from
Film_id	SMALLINT	Number assigned to film	Primary, Foreign	Film	
Category_id	SMALLINT	Number assigned to film category	Primary, Foreign	Category	
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

customer

Columns	Data type	Descriptions	Key	Links to	Links from
Customer_id	SERIAL	Number assigned to customer	Primary		Rental, Payment
Store_id	SMALLINT	Number assigned to store			
First_name	CHARACTER VARYING(45)	First name of customer			
Last_name	CHARACTER VARYING(45)	Last name of customer			
email	CHARACTER VARYING(50)	Email of customer			
Address_id	SMALLINT	Number assigned to customer address	Foreign	Address	
activebool	BOOLEAN	How active is customer			
Create_date	DATE	Date of entry creation			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			
active	INTEGER	Is customer active			

staff

Columns	Data type	Descriptions	Key	Links to	Links from
Staff_id	SERIAL	Number assigned to staff	Primary		Payment, store, rental
First_name	CHARACTER VARYING(45)	Fist name of staff			
Last_name	CHARACTER VARYING(45)	Last name of staff			
Address_id	SMALLINT	Number assigned to staff address	Foreign	Address	
email	CHARACTER VARYING(50)	Email of staff			
Store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	IS staff active?			
username	CHARACTER VARYING(16)	Username of staff			
password	CHARACTER VARYING(40)	Password of staff			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			
picture	BYTEA	Picture of staff			

actor

Columns	Data type	Descriptions	Key	Links to	Links from
Actor_id	SERIAL	Number assigned to actor	Primary		Film_actor
First_name	CHARACTER VARYING(45)	First name of actor			
Last_name	CHARACTER VARYING(45)	Last name of actor			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

film

Columns	Data type	Descriptions	Key	Links to	Links from
Film_id	SERIAL	Number assigned to film	Primary		Film_actor, inventory, film_category
title	CHARACTER VARYING(45)	Title of film			
description	TEXT	Description of film			
Release_year	year	Year of film release			
Language_id	SMALLINT	Number assigned to film language	Foreign	Language	
Rental_duration	SMALLINT	Duration of rental			
Rental_rate	NUMERIC(4.2)	Rate of rental			
length	SMALLINT	Length of film			
Replacement_cost	NUMERIC(5.2)	Replacement cost of film			
rating	Mpaa_rating	Rating of film			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			
Special_features	TEXT()	Special features of film			
fulltext	TSVECTOR	Keywords associated with film			

category

Columns	Data type	Descriptions	Key	Links to	Links from
Category_id	SERIAL	Number assigned to film category	Primary		Film_category
name	CHARACTER VARYING(25)	Name of film category			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

address

Columns	Data type	Descriptions	Key	Links to	Links from
Address_id	SERIAL	Number assigned to address	Primary		Customer, staff, store
address	CHARACTER VARYING(50)	Address			
Address2	CHARACTER VARYING(50)	Adress 2			
district	CHARACTER VARYING(20)	Name of district			
City_id	SMALLINT	Number assigned to city	Foreign	City	
Postal_code	CHARACTER VARYING(10)	Postal code			
phone	CHARACTER VARYING(20)	Phone number			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

language

Columns	Data type	Descriptions	Key	Links to	Links from
Language_id	SERIAL	Number assigned to language	Primary		Film
name	CHARACTER VARYING(20)	Name of language			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

city

Columns	Data type	Descriptions	Key	Links to	Links from
City_id	SERIAL	Number assigned to city	Primary		Address
city	CHARACTER VARYING(50)	Name of city			
Country_id	SMALLINT	Number assigned to country	Foreign	Country	
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			

country

Columns	Data type	Descriptions	Key	Links to	Links from
Country_id	SERIAL	Number assigned to country	Primary		City
country	CHARACTER VARYING(50)	Name of country			
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update of data entry			