ROCKBUSTER STEALTH

DATA DICTIONARY

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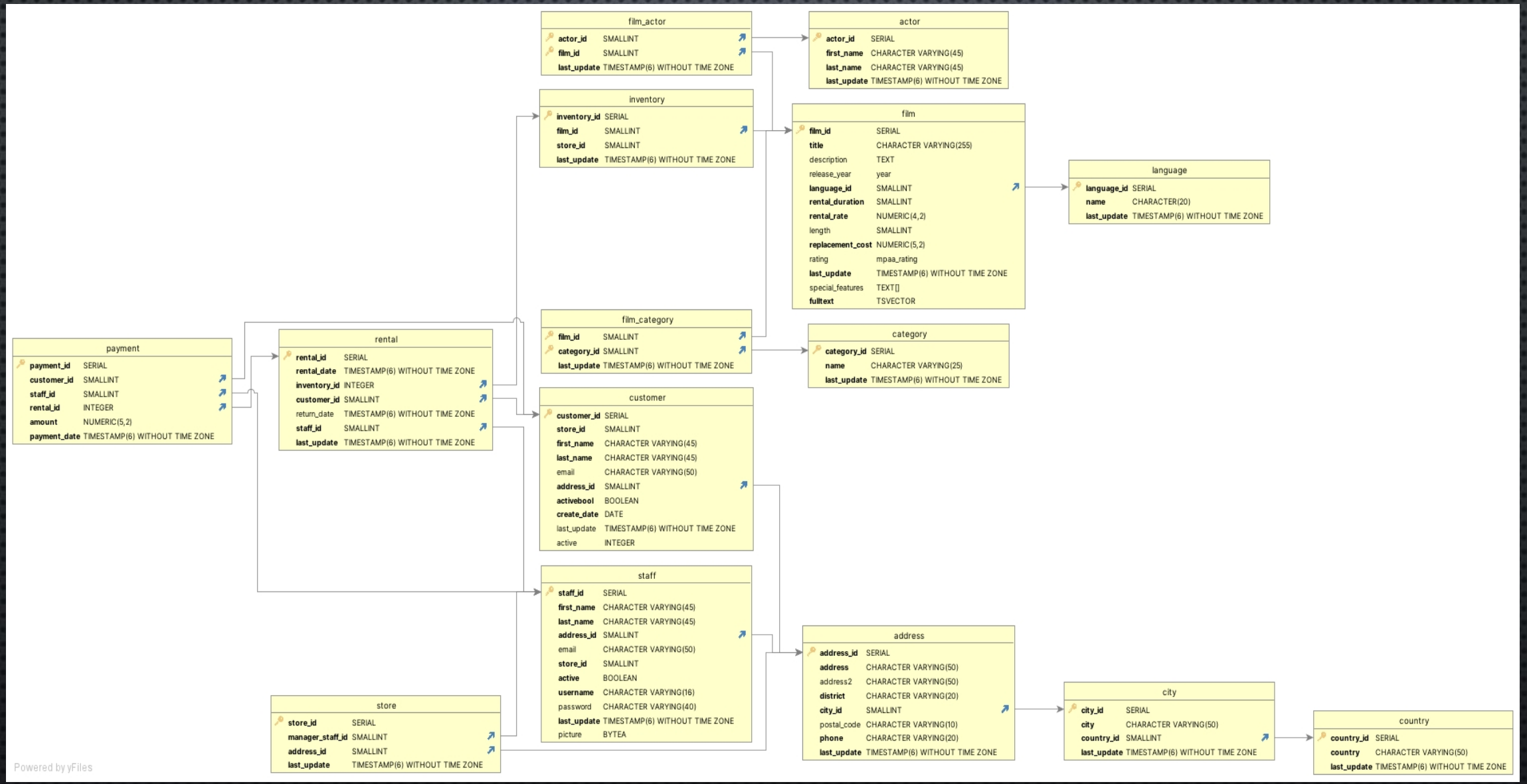
film_actor
actor_id SMALLINT
film_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
actor
actor_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
inventory
inventory_id SERIAL
film_id SMALLINT
store_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film
film_id SERIAL
title CHARACTER VARYING(255)
description TEXT
release_year year
language_id SMALLINT
rental_duration SMALLINT
rental_rate NUMERIC(4,2)
length SMALLINT
replacement_cost NUMERIC(5,2)
rating mpaa_rating
last_update TIMESTAMP(6) WITHOUT TIME ZONE
special_features TEXT[]
fulltext TSVECTOR
language
language_id SERIAL
name CHARACTER(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
payment
payment_id SERIAL
customer_id SMALLINT
staff_id SMALLINT
rental_id INTEGER
amount NUMERIC(5,2)
payment_date TIMESTAMP(6) WITHOUT TIME ZONE
rental
rental_id SERIAL
rental_date TIMESTAMP(6) WITHOUT TIME ZONE
inventory_id INTEGER
customer_id SMALLINT
return_date TIMESTAMP(6) WITHOUT TIME ZONE
staff_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film_category
film_id SMALLINT
category_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
category
category_id SERIAL
name CHARACTER VARYING(25)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
customer
customer_id SERIAL
store_id SMALLINT
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
email CHARACTER VARYING(50)
address_id SMALLINT
activebool BOOLEAN
create_date DATE
last_update TIMESTAMP(6) WITHOUT TIME ZONE
active INTEGER
staff
staff_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
address_id SMALLINT
email CHARACTER VARYING(50)
store_id SMALLINT
active BOOLEAN
username CHARACTER VARYING(16)
password CHARACTER VARYING(40)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
picture BYTEA
address
address_id SERIAL
address CHARACTER VARYING(50)
address2 CHARACTER VARYING(50)
district CHARACTER VARYING(20)
city_id SMALLINT
postal_code CHARACTER VARYING(10)
phone CHARACTER VARYING(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
city
city_id SERIAL
city CHARACTER VARYING(50)
country_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
country
country_id SERIAL
country CHARACTER VARYING(50)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
store
store_id SERIAL
manager_staff_id SMALLINT
address_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
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Fact tables

Payment

Columns	Data type	Description
payment_id	SERIAL	Primary key, unique value to identify payment
customer_id	SMALLINT	Foreign key, used to identify the customer (links to Customer Table)
staff_id	Integer (SMALLINT)	Foreign key to link to staff table
amount	Numeric (2 decimal places)	Amount of each payment transactions recorded

Rental

Columns	Data Type	Description
rental_id	Serial	Primary Key
rental_date	Timestamp(6)without time zone	Date recorded of each rent event
Inventory_id	Integer (SMALLINT)	Foreign key to link to inventory table
Customer_id	Integer (SMALLINT)	Foreign key to link to customer table

Inventory

Columns	Data Type	Description
Inventory_id	Serial	Primary key to identify a film or item to be rented by customers
Film_id	Integer (SMALLINT	Foreign key to link to film table
Store_id	Integer (SMALLINT)	id of the store where the copy of the movie is located and foreign key to connect store table
Last_update	Timestamp(6)without time zone	Date of when the record was last updated

Dimension Tables

Store

Columns	Data Type	Description
store_id	Serial	Primary Key
manager_staff_id	Integer (SMALLINT	Foreign key to link to staff table
address_id	Integer (SMALLINT)	Foreign key to link to address table
last_update	Timestamp(6) without time zone	The date ,when the record was last updated

Film Actor

Columns	Data Type	Description
actor_id	Integer (SMALLINT)	composite key to identify individual actors, also function as a foreign key establishing a connection with the actor table.
Film_id	Integer (SMALLINT)	Composite Key to identify each single film, also acts as foreign key to link the film table
Last_update	Timestamp(6)without time zone	Date of when the record was last updated

Film Category

Columns	Data Type	Description
Film_id	Integer (SMALLINT)	Composite Key to identify each single film and foreign key to link to film table
Category_id	Integer (SMALLINT	Composite Key to identify each category and foreign key to link to category table
Last_update	Timestamp(6)without time zone	Date of when the record was last updated

Customer

Columns	Data Type	Description
Customer_id	Serial	Primary Key to identify each unique customer
Store_id	Integer (SMALLINT)	foreign key to connect store table
First_name	VARCHAR	Customer name
Last_Name	VARCHAR	Customer last name
Email	VARCHAR	Customer email
Address_id	Integer (SMALLINT)	foreign key to link to address table
Active_bool	Boolean	Whether the customer is active or not
Create_date	Date	When the client was first recorded in the database
Last_update	Timestamp(6) without time zone	Date of when the record was last updated
Active	Integer	Whether the customer is active or not

Actor

Columns	Data Type	Description
Actor_id	Serial	Primary key to identify unique actor
First_name	VARCHAR	Actor first name
Last_name	VARCHAR	Actor last name
Last_update	Timestamp(6) without time zone	Date of when the record was last updated

Staff

Columns	Data Type	Description
Staff_id	Serial	Primary Key to identify each unique staff
First_name	VARCHAR	Staff first name
Last_name	VARCHAR	Staff last name
Address_id	Integer (SMALLINT)	foreign key to link to address table
Email	VARCHAR	Staff email
Store_id	Integer (SMALLINT)	Foreign key to connect store table
active	Boolean	Whether the staff is active or not
Username	VARCHAR	Staff username
Password	VARCHAR	Staff password
Last_update	Timestamp(6) without time zone	Date of when the record was last updated
Picture	BYTEA	Picture of staff

Category

Columns	Data Type	Description
Category_id	Serial	Primary Key to identify each unique category
Name	VARCHAR	Category name
Last_update	Timestamp (6) without time zone	Date of when the record was last updated

Film

Columns	Data Type	Description
Film_id	Serial	Primary key to identify each unique film
Title	VARCHAR	Film title
Description	TEXT	Film description
Release_year	Year	Year of release of the film
Language_id	Integer (SMALLINT)	foreign key to link to language table
Rental_duration	Integer (SMALLINT)	Duaration of the rental
Rental_rate	Numeric 2 decimal place	Rate of the rental
Length	Integer (SMALLINT)	Duration of the film
Replacement_cost	Numeric 2 decimal place	Cost associated with film replacement
Rating	Mpaa_rating	Rating of the film
Last_update	Timestamp (6) without time zone	Date of when the record was last updated
Special_features	Text	Text Extra information available in the film
Fulltxt	TSVECTOR	Extra information about content

Language

Columns	Data Type	Description
Language_id	Serial	Primary key to identify different languages
Name	VARCHAR	Language name
Last_update	Timestamp (6) without time zone	Date of when the record was last updated

Address

Columns	Data Type	Description
Address_id	Serial	Primary Key to identify each address
Address	Varchar	Address information
Address2	Varchar	Address information
District	Varchar	Address information
City_id	Integer (SMALLINT)	foreign key to link to city table
Postal_code	VARCHAR	Address information
Phone VARCHAR	VARCHAR	Phone number
Last_update	Timestamp (6) without time zone	Date of when the record was last updated

City

Columns	Data Type	Description
City_id	Serial	Primary Key to identify each unique city
City	Varchar	City name
Country_id	SMALLINT	foreign key to link to country table
Last_update	Timestamp	Date of when the record was last updated

Country

Columns	Data Type	Description
Country_id	Serial	Primary key to identify each unique country
Country	Varchar	Country name
Last_update	Timestamp(6) without time zone	Date of when the record was last updated