ROCKBUSTER DATA DICTIONARY

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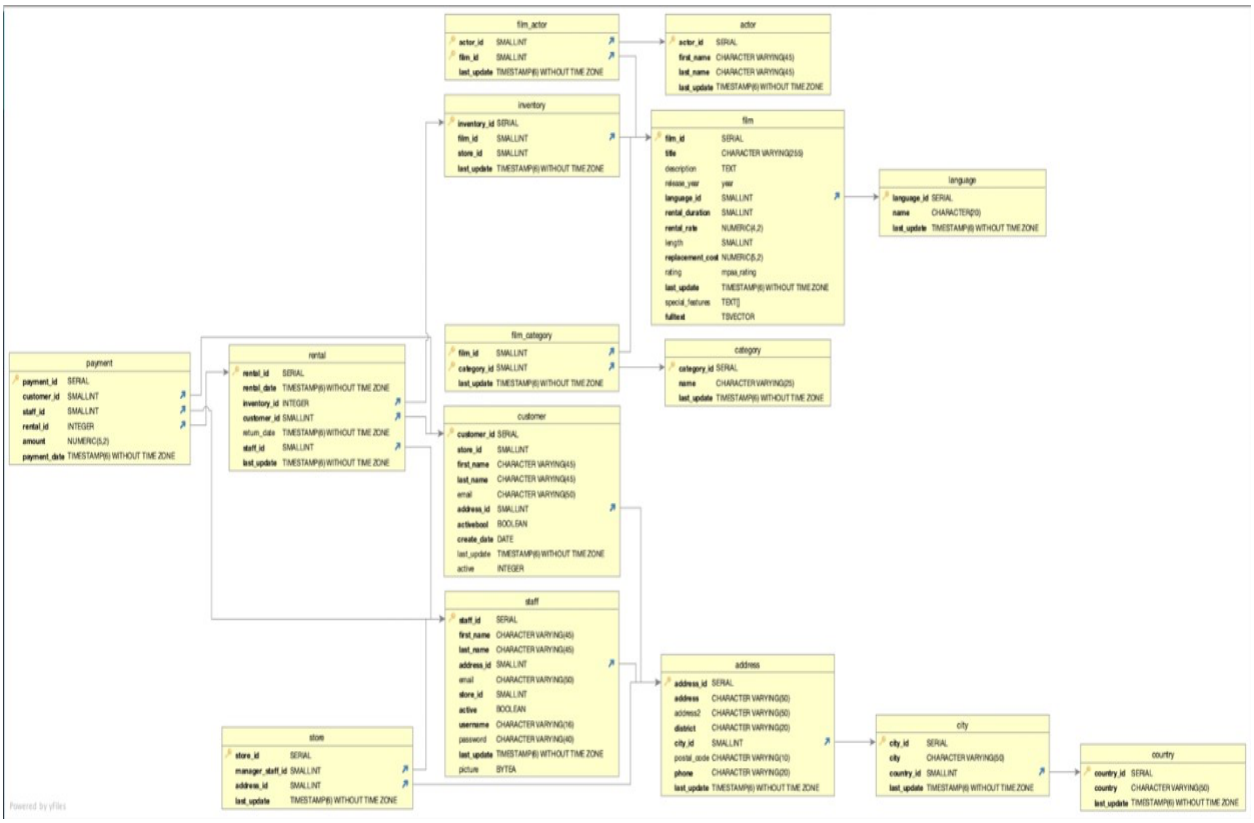

Key:

Primary key = blue

Foreign key = red

rental		
Column	Data Type	Description
rental_id	SERIAL	Identification number of rental
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental
inventory_id	INTEGER	Identification number of inventory
customer_id	SERIAL	Identification number of customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of return
staff_id	SMALLINT	Identification number of staff member
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

Foreign Keys:
Inventory_id (links to inventory)
Customer_id (links to customer)
Staff_id (links to staff)

payment		
Column	Data Type	Description
payment_id	SERIAL	Identification number of payment
customer_id	SMALLINT	Identification number of customer
staff_id	SMALLINT	Identification number of staff member
rental_id	INTEGER	Identification number of rental
amount	NUMERIC (5,2)	Cost of rental
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment

Foreign Keys:
Customer_id (links to customer)
Staff_id (links to staff)
Rental_id (links to rental)

store		
Column	Data Type	Description
store_id	SERIAL	Identification number of store
manager_staff_id	SMALLINT	Identification number of manager
address_id	SMALLINT	Identification number of address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

Foreign Keys:
Manager_staff_id (links to staff)
Address_id (links to address)

film_actor		
Column	Data Type	Description
actor_id	SMALLINT	Identification number of actor
film_id	SMALLINT	Identification number of film
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

inventory		
Column	Data Type	Description
inventory_id	INTEGER	Identification number of inventory
film_id	SMALLINT	Identification number of film
store_id	SMALLINT	Identification number of store
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

film_category		
Column	Data Type	Description
film_id	SMALLINT	Identification number of film
category_id	SERIAL	Identification number of film category (genre)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

customer		
Column	Data Type	Description
customer_id	SERIAL	Identification number of customer
store_id	SMALLINT	Identification number of store
first_name	CHARACTER VARYING(45)	First name of customer
last_name	CHARACTER VARYING(45)	First name of customer
email	CHARACTER VARYING(50)	Email of customer
address_id	SMALLINT	Identification number of address
activebool	BOOLEAN	Active status (boolean)
create_date	DATE	Date of account creation
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update
active	INTEGER	Active status (binary numerical)

Foreign Keys:
Address_id (links to address)

staff		
Column	Data Type	Description
staff_id	SERIAL	Identification number of staff member
first_name	CHARACTER VARYING(45)	First name of staff member
last_name	CHARACTER VARYING(45)	Last name of staff member
address_id	SMALLINT	Identification number of address
email	CHARACTER VARYING(50)	Email of staff member
store_id	SMALLINT	Identification number of store
active	INTEGER	Active status (binary numerical)
username	CHARACTER VARYING(16)	Employee username
password	CHARACTER VARYING(40)	Employee password
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update
picture	BYTEA	Employee photo

Foreign Keys:
Address_id (links to address)

actor		
Column	Data Type	Description
actor_id	SMALLINT	Identification number of actor
first_name	CHARACTER VARYING(45)	Last name of actor
last_name	CHARACTER VARYING(45)	First name of actor
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

film		
Column	Data Type	Description
film_id	SMALLINT	Identification number of film
title	CHARACTER VARYING(255)	Name of film
description	TEXT	Description of film
release_year	year	Year of film release
language_id	SMALLINT	Identification number of language
rental_duration	SMALLINT	Number of days rented
rental_rate	NUMERIC (4,2)	Cost of renting film
length	SMALLINT	Length of film in minutes
replacement_cost	NUMERIC (5,2)	Cost of replacing film
rating	mpaa_rating	Film rating
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update
special_features	TEXT []	Special features of film
fulltext	TSVECTOR	Keywords of film

Foreign Keys:
Language_id (links to language)

category		
Column	Data Type	Description
category_id	SERIAL	Identification number of film category (genre)
name	CHARACTER VARYING(25)	Name of film category (genre)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

address		
Column	Data Type	Description
address_id	SERIAL	Identification number of address
address	CHARACTER VARYING(50)	Store address
address2	CHARACTER VARYING(50)	Secondary store address
district	CHARACTER VARYING(20)	Name of district (state/province)
city_id	SMALLINT	Identification number of 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	Time of last update

Foreign Keys:
City_id (links to city)

language		
Column	Data Type	Description
language_id	SMALLINT	Identification number of language
name	CHARACTER VARYING(20)	Name of language of film
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

city		
Column	Data Type	Description
city_id	SMALLINT	Identification number of city
city	CHARACTER VARYING(50)	Name of city
country_id	SERIAL	Identification number of country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update

Foreign Keys:
Country_id (links to country)

country		
Column	Data Type	Description
country_id	SERIAL	Identification number of country
country	CHARACTER VARYING(50)	Name of country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time of last update