Rockbuster Stealth LLC

Data Dictionary

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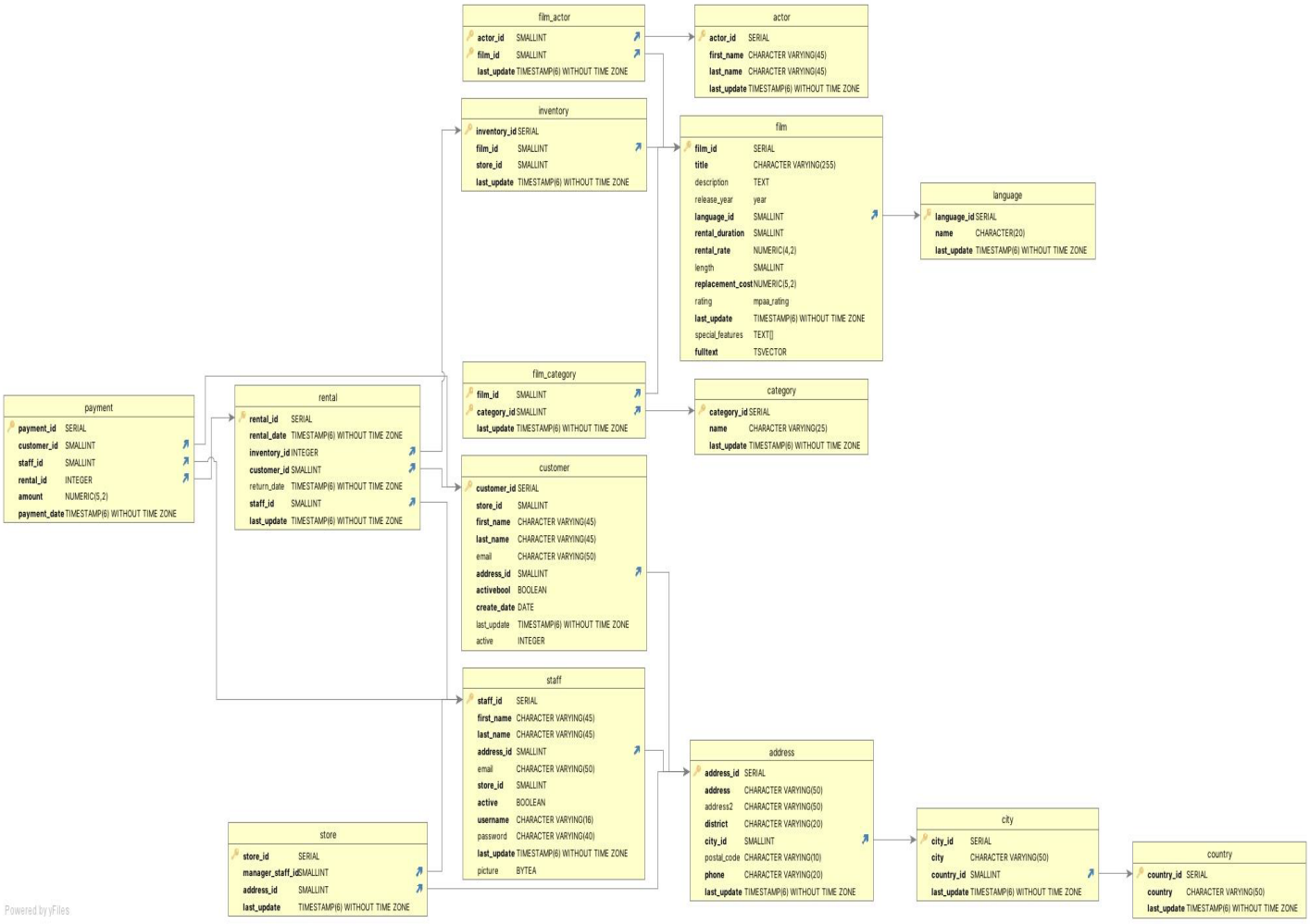
film_actor
actor_id SMALLINT
film_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
actor
actor_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
inventory
inventory_id SERIAL
film_id SMALLINT
store_id SMALLINT
last_update TIMESTAMP(6) 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
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
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
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 Table

Payment

Column	Key	Data Type	Description
Payment_id	Primary Key	INTEGER	Identifier for payment
Customer_id	Forgein Key	INTEGER	Identifier for customer
staff_id		SMALLINT	Identification code for employees.
rental_id		INTEGER	Identifier for rental transactions.
amount		NUMERIC	Price of rental.
payment_id		TIMESTAMP WITHOUT TIME ZONE	Date of payment transaction.

Rental

Columns	Key	Data Type	Description
rental_id	Primary Key	Serial	Identifier for rental transactions.
rental_date		TIMESTAMP WITHOUT TIME ZONE	Date of rental transaction.
inventory_id	Foreign Key	INTEGER	An identifier for inventory items.
customer_id	Foreign Key	SMALLINT	. Identification code for customers.
return_date		TIMESTAMP WITHOUT TIME ZONE	Date of rental return.
staff_id	Foreign Key.	SMALLINT	Identification code for employees.
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update.

Dimension Tables

Store

Columns	Key	Data Type	Description
store_id	Primary Key.	SERIAL	Identifier for a store
manager_staff_id	Foreign Key.	SMALLINT	Identifier for the manager.
address_id	Foreign Key.	SMALLINT	An identifier for the address of the store.
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update

film_actor

Columns	Key	Data Type	Description
actor_id	Primary and Foreign Key	SMALLINT	Identifier for actor
film_id	Primary and Foreign Key.	SMALLINT	Identifier for the film.
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update.

Inventory

Column	Key	Data Type	Description
inventory_id	Primary key	SERIAL	Identifier for inventory
film_id	Forgein Key	SMALLINT	Identifier for film
store_id		SMALLINT	Identifier for store
last_update		TIMESTAMP(WITHOUT TIME zone)	Date and time of most recent update

Film_category

Column	Key	Data Type	Description
film_id	Primary and Foreign Key	SMALLINT	Identifier for film
category_id	Primary and Foreign Key	SMALLINT	Identifier for category
last_update		TIMESTAMP(WITHOUT TIME ZONE)	Date and time of most recent update

Customer

Column	Key	Data type	Description
customer_id	Primary Key	SERIAL	Identifier for customer
store_id		SMALLINT	Identifier for store
first_name		CHARACTER VARYING	First name
last_name		CHARACTER VARYING	Last name
email		CHARACTER VARYING	Email id
address_id	Forgain key	SMALLINT	Identifier for customer's mailing address

activebool		BOOLEAN	True or false based on account is active or not
create_date		DATE	Date of creation of customer account
last_update		DATE(WITHOUT TIMESTAMP)	The most recent updated date
active		INTEGER	Integer indicating whether an account is active or not.

Staff

Column	Key	Data Type	Description
staff_id	Primary Key	INTEGER	Identifier for staff
first_name		CHARACTER_VARAYING	First name of staff member
last_name		CHARACTER_VARAYING	Last name of a staff member
address_id	foreign key	SMALLINT	Address of staff member
email		CHARACTER_VARAYING	Email id of a staff member
store_id		SMALLINT	Identifier for employee store
active		BOOLEAN	True or false statement based on whether employment is active.
username		CHARACYTER_VARYING	Employee username.
password		CHARACTER_VARYING	Employee password.
last_uodate		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update
picture		BYTEA	Picture of the employee.

Actor

Column	Key	Data Type	Description
actor_id	Primary Key	SERIAL	Identifier for actor
first_name		CHARACYTER_VARYING	First name of actor
last_name		CHARACYTER_VARYING	Last name of the actor
ast_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update

Film

Column	Key	Data Type	Description
film_id	Primary Key	SERIAL	Identifier of film.
title		CHARACTER VARYING	Title of film
description		TEXT	Description of film
release_year		YEAR	The release year of the film
language_id	Foreign key	SMALLINT	Identifier for release year of film
rental_duration		SMALLINT	Duration that film was rented.
rental_rate		NUMERIC	Price of rental, possibly per day.
length		SMALLINT	Duration of the film.

replacement_cost		NUMERIC	Duration of the film.
rating		MPAA RATING	Age rating system.
last_update		TIMESTAMP WITHOUT TIMEZONE	Date and time of the most recent update..
special_feature		TEXT	Extra videos related to the film.
fulltext		TSVECTOR	Keywords associated with movie for easy search.

Category

Column	Key	Data Type	Description
category_id	Primary key	SERIAL	Identifier of category
name		CHARACTER VARYING	Name of category
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update

Address

Column	Key	Data Type	Description
address_id	Primary Key	SERIAL	Identifier of address
address		CHARACTER VARYING	The address used in database
address2		CHARACTER VARYING	Secondary address(optional)
district		CHARACTER VARYING	District or region.
city_id	Foreign key	SMALLINT	Identifier for city
postal_code		CHARACTER VARYING	Code associated with the postal area.
phone		CHARACTER VARYING	The phone number associated with the address.
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update

Language

Column	Key	Data Type	Description
language_id	Primary key	SERIAL	Identifier for language
name		CHARACTER VARYING	Name of language
last_update		TIMESTAMP WITHOUT TIME ZONE	Date and time of the most recent update