ROCKBUSTER STEALTH LLC
DATA DICTIONARY

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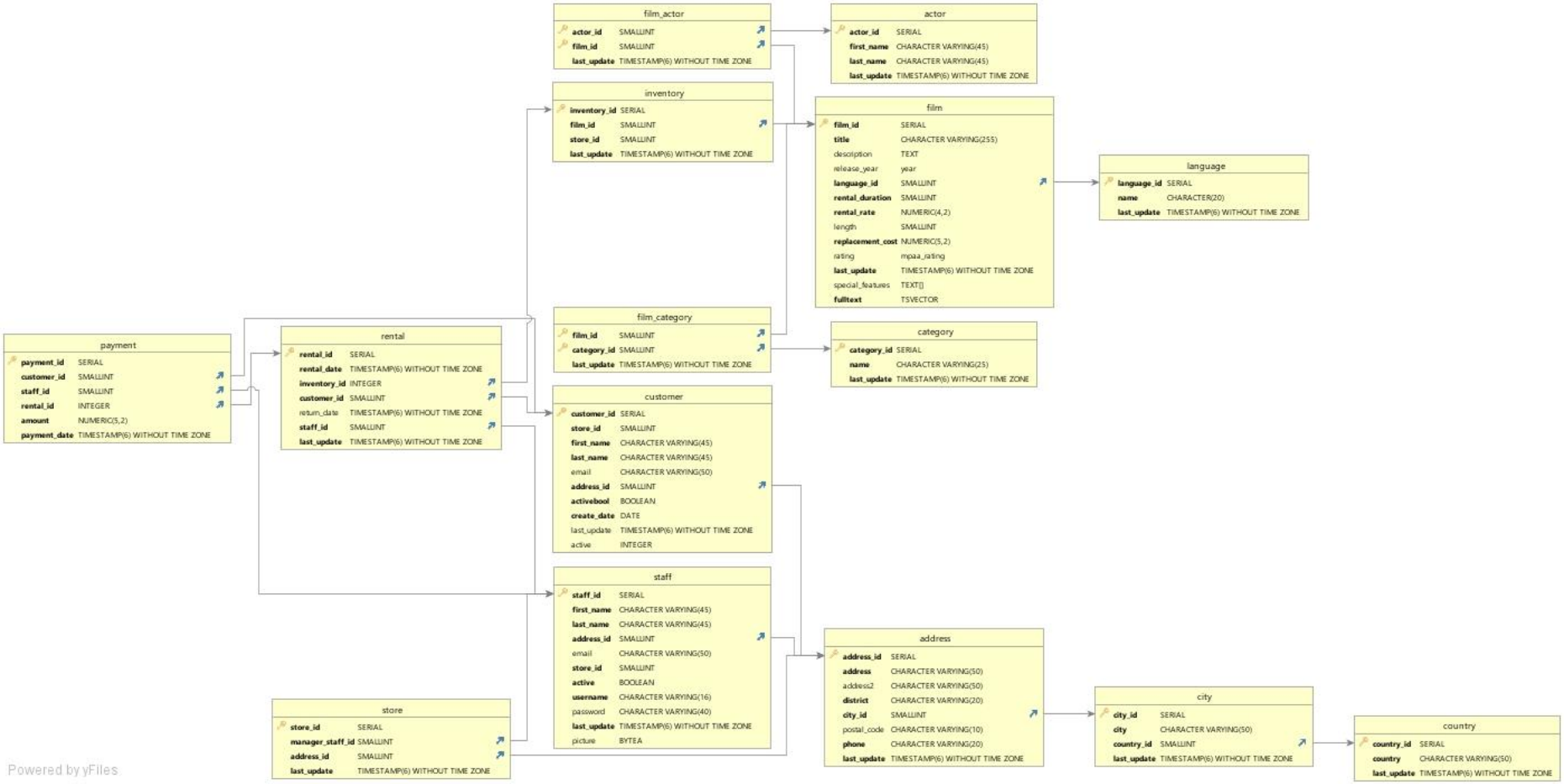
ERD


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 TABLES:

Table Name: rental

COLUMN	DATA TYPE	DESCRIPTION
rental_id	SERIAL	**Primary Key**. Unique ID assigned to each movie rented
rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of the rental
Inventory_id	INTEGER	**Foreign Key**. ID assigned for record keeping
customer_id	SMALLINT	**Foreign Key**. ID of the customer that rented the movie
return_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of the return
staff_id	SMALLINT	**Foreign Key**. ID of the staff member that rented the movie
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: payment

COLUMN	DATA TYPE	DESCRIPTION
payment_id	SERIAL	**Primary Key**. Unique ID of the payment transaction
customer_id	SMALLINT	**Foreign Key**. Customer ID to which the movie was issued
staff_id	SMALLINT	**Foreign Key**. ID of the staff member that rented the movie
rental_id	INTEGER	**Foreign Key**. ID of the store that rented the movie
amount	NUMERIC(5, 2)	Amount paid
payment_date	TIMESTAMP (6) WITHOUT TIME ZONE	Time and date of the payment

DIMENSION TABLE

Table Name: store

COLUMN	DATA TYPE	DESCRIPTION
store_id	SERIAL	**Primary Key**. Unique ID of the store that rented the movie
manager_staff_id	SMALLINT	**Foreign Key**. ID of the Manager
address_id	SMALLINT	**Foreign Key**. ID of the address store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: staff

COLUMN	DATA TYPE	DESCRIPTION

staff_id	SERIAL	**Foreign Key**. Unique ID of the staff member that rented the movie
first_name	CHARACTER VARYING (45)	First name of the staff member
last_name	CHARACTER VARYING (45)	Last name of the staff member
address_id	SMALLINT	**Foreign Key**. ID of the address
email	CHARACTER VARYING (50)	Email of the staff member
store_id	SMALLINT	**Foreign Key**. ID of the store
active	BOOLEAN	Activity status of the staff member
username	CHARACTER VARYING (46)	Username
password	CHARACTER VARYING (40)	Password
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update
picture	BYTEA	Image of the staff member

Table Name: customer

column	DATA TYPE	DESCRIPTION
customer_id	SERIAL	**Primary Key**. Unique ID of the customer that rented the movie
store_id	SMALLINT	**Foreign Key**. ID of the store that rented the movie
first_name	CHARACTER VARYING (45)	First name of the customer
last_name	CHARACTER VARYING (45)	Last Name of the customer
email	CHARACTER VARYING (50)	E-mail of the customer
address_id	SMALLINT	**Foreign Key**. Postal address of the customer
activebool	BOOLEAN	Active status of the customer
create_date	DATE	Date of creation of the customer ID
last_updated	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update
active	INTEGER	Activity status of the user

Table Name: film_category

COLUMN	DATA TYPE	DESCRIPTION
film_id	SMALLINT	**Primary Key.** Unique ID of the movie
category_id	SMALLINT	**Foreign Key**. ID of the movie genre
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: inventory

COLUMN	DATA TYPE	DESCRIPTION
inventory_id	SERIAL	**Primary Key**. Inventory number
film_id	SMALLINT	**Foreign Key**. ID of the movie
store_id	SMALLINT	**Foreign Key**. ID of the store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: film_actor

COLUMN	DATA TYPE	DESCRIPTION
actor_id	SMALLINT	**Primary Key.** ID of the actor
film_id	SMALLINT	**Foreign Key**. ID of the movie
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: actor

COLUMN	DATA TYPE	DESCRIPTION
actor_id	SERIAL	**Primary Key**. ID of the actor
first_name	CHARACTER VARYING (45)	Actor first name
last_name	CHARACTER VARYING (45)	Actor last name
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: film

COLUMN	DATA TYPE	DESCRIPTION
film_id	SERIAL	**Primary Key.** ID of the movie
title	CHARACTER VARYING (255)	Title of the movie
description	TEXT	Description of the movie argument
release year	year	Release year
language_id	SMALLINT	**Foreign Key**. Main language of the movie
rental_duration	SMALLINT	Duration of the movie rental
rental_rate	NUMERIC(4,2)	Price of the movie rental
length	SMALLINT	Movie duration in minutes
replacement_cost	NUMERIC(5,2)	Cost of a new unit
rating	mpaa_rating	Age rating of the movie
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update
special_features	TEXT[]	Special additional content of the movie
fulltext	TSVECTOR	Keywords

Table Name: Category

COLUMN	DATA TYPE	DESCRIPTION
category_id	SERIAL	**Primary Key.** Unique ID assigned to each movie genre (numerical)
name	CHARACTER VARYING (25)	Name of the genre
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: Address

COLUMN	DATA TYPE	DESCRIPTION
address_id	SERIAL	**Primary Key.** Unique ID of each address
address	CHARACTER VARYING (50)	Postal address
adress2	CHARACTER VARYING (50)	Additional space for the address
district	CHARACTER VARYING (20)	Province/state
city_id	SMALLINT	**Foreign Key**. ID of the city
postal_code	CHARACTER VARYING (10)	Postal code
phone	CHARACTER VARYING (25)	Phone number
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: language

COLUMN	DATA TYPE	DESCRIPTION
language_id	SERIAL	**Primary Key.** Unique ID of the movie language
name	CHARACTER(20)	Name of language (text)
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: city

COLUMN	DATA TYPE	DESCRIPTION
city_id	SERIAL	**Primary Key.** ID of the city
city	CHARACTER VARYING (50)	Name of the city (text)
country_id	SMALLINT	**Foreign Key**. ID of the country
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update

Table Name: country

COLUMN	DATA TYPE	DESCRIPTION
country_id	SERIAL	**Primary Key.** ID of the country
country	CHARACTER VARYING (50)	Name of the country (text)
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Time of the last status update