ROCKBUSTER STEALTH

Data Dictionary

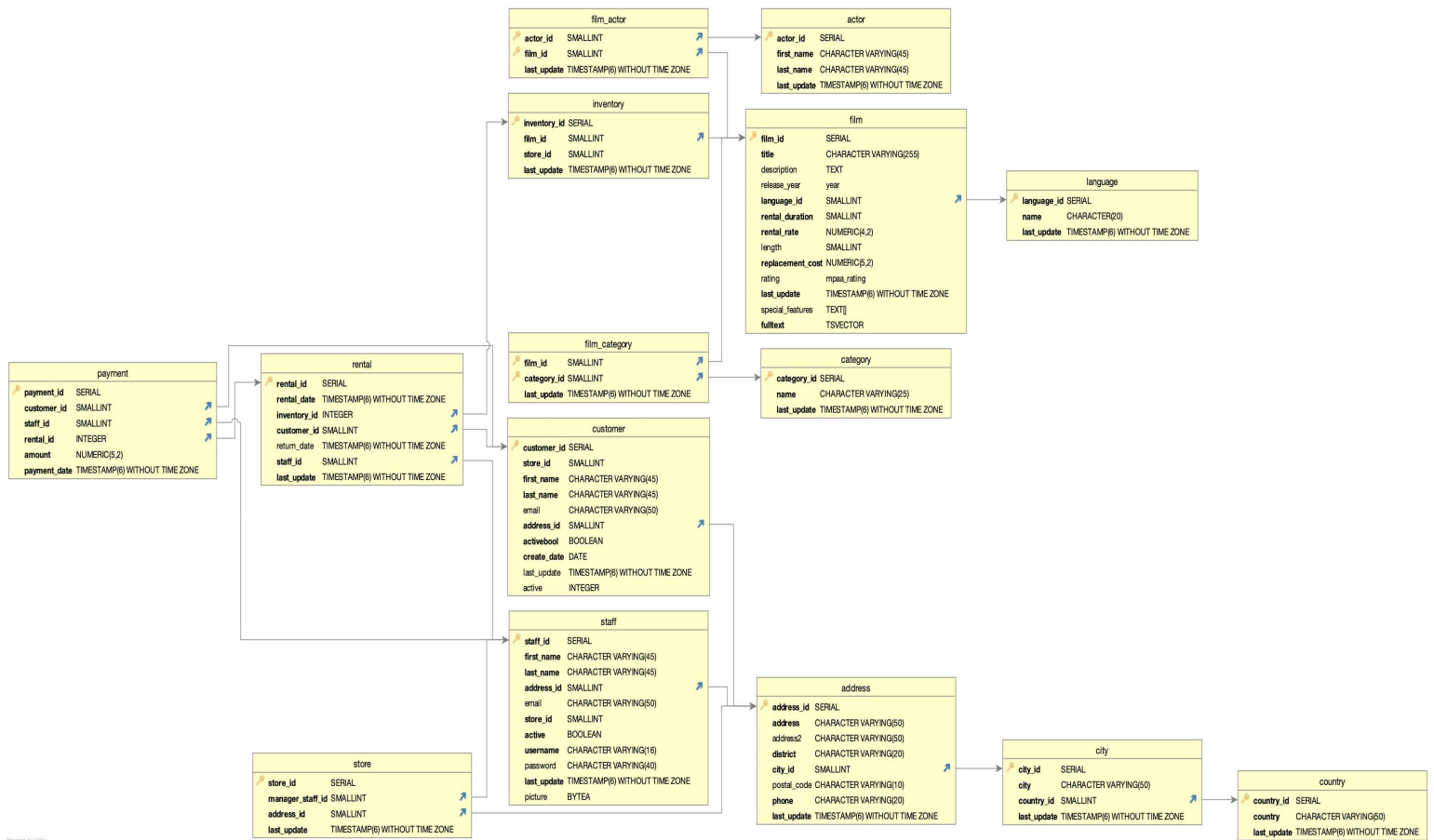# Table of Contents

Entity Relationship Diagram

film_actor

Column	Type
actor_id	SMALLINT
film_id	SMALLINT
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

actor

Column	Type
actor_id	SERIAL
first_name	CHARACTER VARYING(45)
last_name	CHARACTER VARYING(45)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

inventory

Column	Type
inventory_id	SERIAL
film_id	SMALLINT
store_id	SMALLINT
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

film

Column	Type
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

Column	Type
language_id	SERIAL
name	CHARACTER(20)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

film_category

Column	Type
film_id	SMALLINT
category_id	SMALLINT
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

category

Column	Type
category_id	SERIAL
name	CHARACTER VARYING(25)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

payment

Column	Type
payment_id	SERIAL
customer_id	SMALLINT
staff_id	SMALLINT
rental_id	INTEGER
amount	NUMERIC(5,2)
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE

rental

Column	Type
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

Column	Type
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

Column	Type
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

Column	Type
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

Column	Type
city_id	SERIAL
city	CHARACTER VARYING(50)
country_id	SMALLINT
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

country

Column	Type
country_id	SERIAL
country	CHARACTER VARYING(50)
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

store

Column	Type
store_id	SERIAL
manager_staff_id	SMALLINT
address_id	SMALLINT
last_update	TIMESTAMP(6) WITHOUT TIME ZONE

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Fact Table

Column	Data Type	Description
Rental_id	SERIAL	Number assigned to rental
Rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental
Inventory_id	INTEGER	Number assigned to item
Customer_id	SMALLINT	Number assigned to customer
Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Return date
Staff_id	SMALLINT	Number assigned to employee
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Dimension Tables

Payment

Column	Data Type	Description
Payment_id	SERIAL	Number assigned to payment
Customer_id	SMALLINT	Number assigned to customer
Rental_id	INTEGER	Number assigned to rental
Amount	NUMERIC(5,2)	Amount paid
Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment

Store

Column	Data Type	Description
Store_id	SERIAL	Number assigned to store
Manager_staff_id	SMALLINT	Number assigned to store manager
Address_id	SMALLINT	Number assigned to store address
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Film actor

Column	Data Type	Description
Actor_id	SMALLINT	Number assigned to actor
Film_id	SMALLINT	Number assigned to film
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Inventory

Column	Data Type	Description
Inventory_id	SERIAL	Number assigned to item
Film_id	SMALLINT	Number assigned to film
Store_id	SMALLINT	Number assigned to store
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Film category

Column	Data Type	Description
Film_id	SMALLINT	Number assigned to film
Category_id	SMALLINT	Number assigned to category
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Customer

Column	Data Type	Description
Customer_id	SERIAL	Number assigned to customer
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
Activebool	BOOLEAN	How active is the customer?
Create_date	DATE	Date entry was created
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated
Active	INTEGER	Is the customer active?

Staff

Colum	Data Type	Description
Staff_id	SERIAL	Number assigned to staff
First_name	CHARACTER VARYING(45)	First name of staff
Last_name	CHARACTER VARYING(45)	Last name of staff
Address_id	SMALLINT	Number assigned to staff's address
Email	CHARACTER VARYING(50)	Email of staff
Store_id	SMALLINT	Number assigned to store
Active	BOOLEAN	Is the staff active?
Username	CHARACTER VARYING(16)	Username of staff
Password	CHARACTER VARYING(40)	Password of staff
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated
Picture	BYTEA	Picture of staff

Actor

Column	Data Type	Description
Actor_id	SERIAL	Number assigned to 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 entry was last updated

Film

Column	Data Type	Description
Film_id	SERIAL	Number assigned to film
Title	CHARACTER VARYING(255)	Title of film
Description	TEXT	Description of film
Release_year	Year	Year film was released
Language_id	SMALLINT	Number assigned to language of film
Rental_duration	SMALLINT	Length of film rental
Rental_rate	NUMERIC(4,2)	Price of film rental
Length	SMALLINT	Length of film
Replacement_cost	NUMERIC(5,2)	Cost to replace film
Rating	Mpaa_rating	Film rating
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated
Special_features	TEXT[]	Special features included in film
Fulltext	TSVECTOR	Keywords associated with film

Category

Column	Data Type	Description
Category_id	SERIAL	Number assigned to category
Name	CHARACTER VARYING(25)	Name of category
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Address

Column	Data Type	Description
Address_id	SERIAL	Number assigned to address
Address	CHARACTER VARYING(50)	Street address
Address2	CHARACTER VARYING(50)	Supplemental street address
District	CHARACTER VARYING(20)	District
City_id	SMALLINT	Number assigned to city
Postal_code	CHARACTER VARYING(10)	Postal code
Phone	CHARACTER VARYING(20)	Phone number
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Language

Column	Data Type	Description
Language_id	SERIAL	Number assigned to language
Name	CHARACTER(20)	Name of language
Last_updated	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

City

Column	Data Type	Descripiton
City_id	SERIAL	Number assigned to city
City	CHARACTER VARYING(50)	Name of city
Country_id	SMALLINT	Number assigned to country
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated

Country

Column	Data Type	Description
Country_id	SERIAL	Number assigned to country
Country	CHARACTER VARYING(50)	Name of country
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date entry was last updated