



ROCKBUSTER STEALTH LLC

Data Dictionary



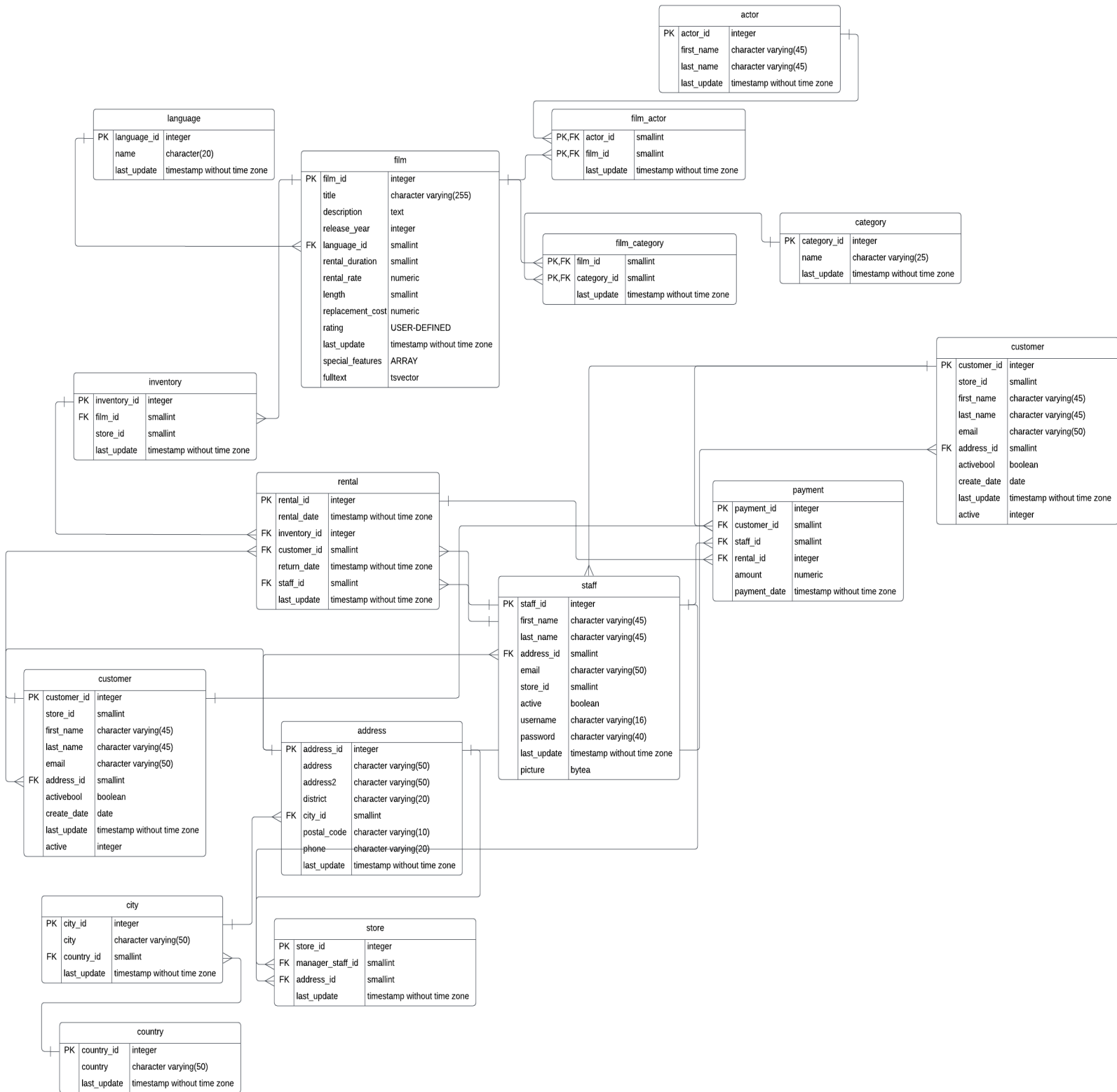
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1. Entity Relationship Diagram



2. Fact Tables

2.1 Rental

Name	Data Type	Description
Rental_id	integer	Unique id for each movie rental / Primary Key
Rental_date	Timestamp w/o time zone	Date and time movie was rented
Inventory_id	integer	Unique id for record keeping/ Foreign Key
Customer_id	smallint	Unique id for each customer who rented a movie/ Foreign Key
Return_date	Timestamp w/o time zone	Date and time movie was returned
Staff_id	smallint	Unique id for each staff member/ Foreign Key
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Customer, Inventory, Staff		

3. Dimension Tables

3.1 Language

Name	Data Type	Description
Language_id	integer	Unique id for language of movie/ Primary Key
name	Character (20)	Name of movie
Last_update	Time stamp w/o time zone	Time of last updated status
Links with Film		

3.2 Film

Name	Data Type	Description
Film_id	integer	Unique id of film/ Primary Key
title	Character varying (255)	Title of movie
description	text	Description of movie
Release_year	integer	Year movie released
Language_Id	smallint	Unique id of movie language/ Foreign Key
Rental_duration	smallint	Rental days duration
Rental_rate	numeric	Cost of rental
length	smallint	Length of movie
Replacement_cost	numeric	Cost of replacing movie
rating	User-Defined	Rating of movie
Last_update	Timestamp w/o time zone	Time of last updated status
Special_features	ARRAY	Special features in movie
Fulltext	tvsector	Full text of movie
Links with Language, Inventory, Film_actor, Film_category		

3.3 Inventory

Name	Data Type	Description
Inventory_id	integer	Unique id for record keeping/ Primary Key
Film_id	smallint	Unique id of film
Store_id	smallint	Store movie is in
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Film, Rental		

3.4 Staff

Name	Data Type	Description
Staff_id	integer	Unique id for each staff member/ Primary Key
First_name	Character varying (45)	First name of staff member
Last_name	Character varying (45)	Last name of staff member
Adress_id	smallint	Address id number/ Foreign Key
email	Character varying (50)	Email of staff member
Store_id	smallint	Store id staff works in
active	boolean	Active status
username	Character varying (10)	Username of staff member
password	Character varying (40)	Password of staff member
Last_update	Timestamp w/o time zone	Time of last updated status
picture	bytea	Pic of employee
Links with Rental, Payment, Address, Store		

3.5 Customer

Name	Data Type	Description
Customer_id	integer	Unique id for each customer/ Primary Key
Store_id	smallint	Unique id for each 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	Unique id for each address/ Foreign Key
activebool	boolean	activebool
Create_date	date	Date and time customer account created
Last_update	Timestamp w/o time zone	Time of last updated status
active	integer	Activity status
Links with Rental, Address		

3.6 Address

Name	Data Type	Description
Address_id	integer	Unique ID of each address/ Primary Key

address	Character varying (50)	address
Address 2	Character varying (50)	Secondary address
district	Character varying (20)	District
City_id	smallint	Unique id for each city/ Foreign Key
Postal_code	Character varying (10)	Postal code
Phone	Character varying (20)	Phone number
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Store, Customer, City, Staff		

3.7 City

Name	Data Type	Description
City_id	integer	Unique id for each city/ Primary Key
city	Character varying (50)	City
Country_id	Smallint	Unique id for each country/ Foreign Key
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Country, Address		

3.8 Country

Name	Data Type	Description
Country_id	Integer	Unique id of each country/ Primary Key
Country	Character varying (50)	Country
Last_update	Timestamp w/o time zone	Time of last updated status
Links with City		

3.9 Store

Name	Data Type	Description
Store_id	integer	Unique id of each store/ Primary Key
Manager_staff_id	smallint	Unique id of each manager/ Foreign Key
Address_id	smallint	Unique id of each address/ Foreign Key
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Staff, Address		

3.10 Actor

Name	Data Type	Description
Actor_id	integer	Unique id for each actor/ Primary Key
First_name	Character varying (45)	First name of actor
Last_name	Character varying (45)	Last name of actor
Last update	Timestamp w/o time zone	Time of last updated status

Links with Film_actor

3.11 Film_actor

Name	Data Type	Description
Actor_id	smallint	Unique id of each actor/ Primary and Foreign Key
Film_id	smallint	Unique id of each film/ Primary and Foreign Key
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Actor, Film		

3.12 Film_category

Name	Data Type	Description
Film_id	smallint	Unique id of each film/ Primary and Foreign Key
Category_id	smallint	Unique id of each category/ Primary and Foreign Key
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Film, Category		

3.13 Category

Name	Data Type	Description
Category_id	integer	Unique id of each category/ Primary Key
name	Character varying (25)	Name of category
Last_update	Timestamp w/o time zone	Time of last updated status
Links with Film_category		

3.14 Payment

Name	Data Type	Description
Payment_id	integer	Unique id of each payment/ Primary Key
Customer_id	smallint	Unique id of each customer/ Foreign Key
Staff_id	smallint	Unique id of each staff member/ Foreign Key
Rental_id	integer	Unique id of each rental/ Foreign Key
amount	numeric	Amount of rental
Payment_date	Timestamp w/o time zone	Date of payment
Links with Customer, Rental, Staff		