

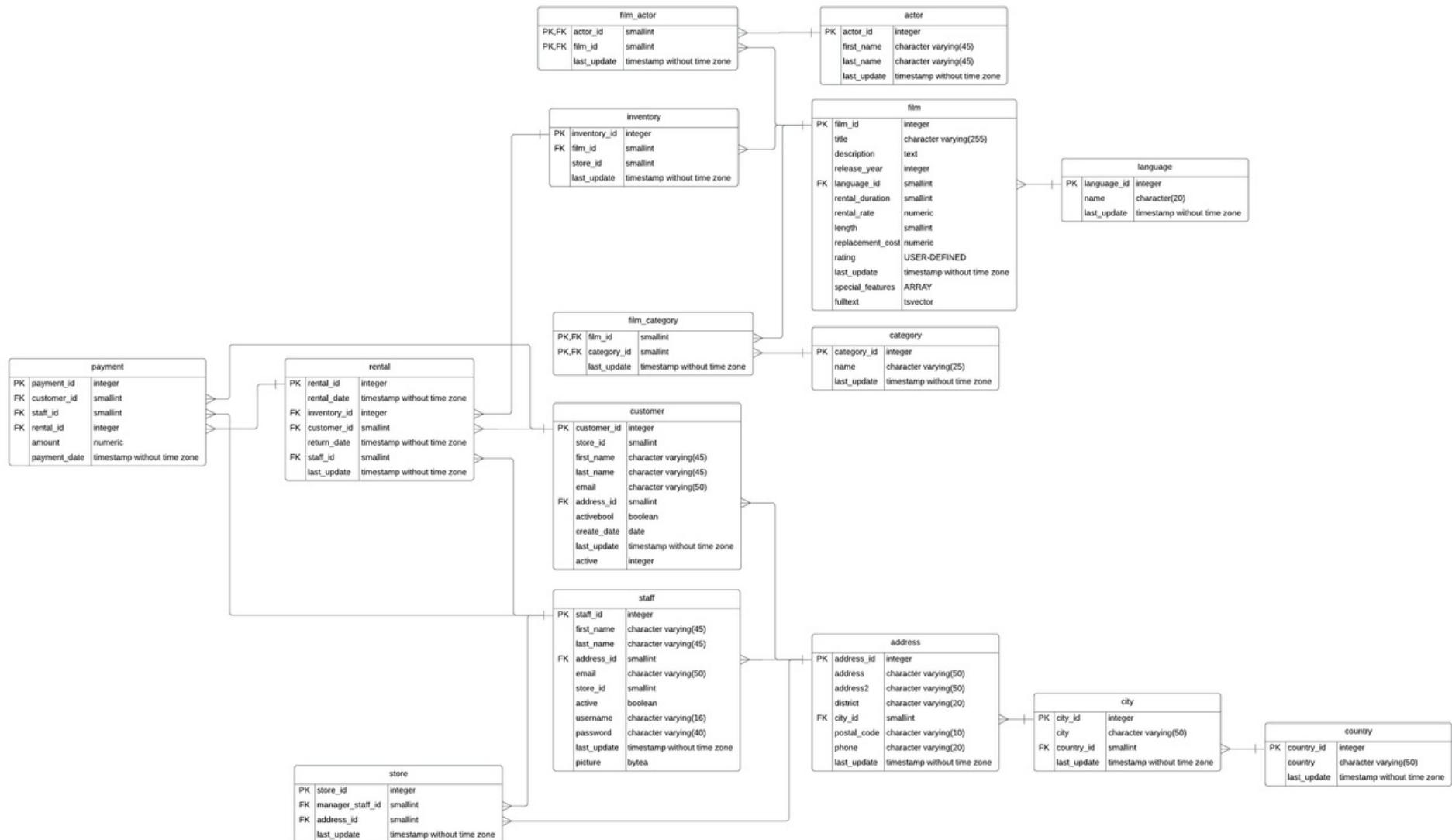
ROCKBUSTER STEALTH LLC

Data Dictionary

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Rockbuster Database Entity Relationship Diagram (ERD)



Fact Tables

Payment

Column	Data Type	Key	Description
payment_id	integer	PK	Unique number of a payment
customer_id	smallint	FK	Unique number of a customer
staff_id	smallint	FK	Unique number of a staff member
rental_id	integer	FK	Unique number of a rental
amount	numeric		Price of the rental
payment_date	timestamp without timezone		Date of the payment

Rental

Column	Data Type	Key	Description
rental_id	integer	PK	Unique number of a rental
rental_date	timestamp without timezone		Date of renting the movie
inventory_id	integer	FK	Unique number of an inventory
customer_id	smallint	FK	Unique number of a customer
return_date	timestamp without timezone		Date of returning the rented movie
staff_id	smallint	FK	Unique number of employe
last_update	timestamp without timezone		Date and time of the last update

Dimension Tables

Customer

Column	Data Type	Key	Description
customer_id	integer	PK	Unique number of a customer
store_id	smallint		Unique number of a store
first_name	character varying(45)		First name of the customer
last_name	character varying(45)		Last name of the customer
email	character varying(50)	FK	Email from the customer
adress_id	smallint		Address of the customer
activebool	boolean		Active true or false
create_date	date		Date of creation
last_update	timestamp without timezone		Date and time of the last update
active	integer		If the customer account is active

Staff

Column	Data Type	Key	Description
staff_id	integer	PK	Unique number of a staff member
first_name	character varying(45)		First name of the staff member
last_name	character varying(45)		Last name of the staff member
adress_id	smallint	FK	Address of the staff member
email	character varying(50)		Email from the staff member
store_id	smallint		Unique number of a store
active	boolean		If the staff member account is active
user_name	character varying(16)		Online username of the staff member
password	character varying(40)		Online password of the staff member
last_update	timestamp without timezone		Date and time of the last update
picture	bytea		Photo of the staff member

Store

Column	Data Type	Key	Description
store_id	integer	PK	Unique number of a store
manager_staff_id	smallint	FK	Unique number of a staff manager
address_id	smallint	FK	Address of the store
last_update	timestamp without timezone		Date and time of the last update

Address

Column	Data Type	Key	Description
address_id	integer	PK	Unique number of an address
address	character varying(50)		Address details
address2	character varying(50)		Extra address details
district	character varying(20)		Name of the district
city_id	smallint	FK	Unique city number
postal_code	character varying(10)		Postal code details
phone	character varying(20)		Phone number
last_update	timestamp without timezone		Date and time of the last update

City

Column	Data Type	Key	Description
city_id	integer	PK	Unique city number
city	character varying(50)		Name of the city
country_id	smallint	FK	Unique country number
last_update	timestamp without timezone		Date and time of the last update

Country

Column	Data Type	Key	Description
country_id	integer	PK	Unique country number
country	character varying(50)		Name of the country
last_update	Timestamp without timezone		Date and time of the last update

Film_Actor

Column	Data Type	Key	Description
actor_id	smallint	PK,FK	Unique number of an actor
film_id	smallint	PK,FK	Unique number of a movie
last_update	timestamp without timezone		Date and time of the last update

Actor

Column	Data Type	Key	Description
actor_id	integer	PK	Unique number of the actor
first_name	character varying(45)		First name of the actor
last_name	character varying(45)		Last name of the actor
last_update	timestamp without timezone		Date and time of the last update

Language

Column	Data Type	Key	Description
language_id	integer	PK	Unique number of the language of the movie
name	character (20)		Name of the language
last_update	timestamp without timezone		Date and time of the last update

Inventory

Column	Data Type	Key	Description
inventory_id	integer	PK	Unique number of an inventory
film_id	smallint	FK	Unique number of a movie
store_id	smallint		Unique number of a store
last_update	timestamp without timezone		Date and time of the last update

Film

Column	Data Type	Key	Description
film_id	integer	PK	Unique number of the movie
title	character varying(255)		Title of the movie
description	text		Description of the movie
release_year	integer		Year that the movie came out
language_id	smallint	FK	Unique number of the language of the movie
rental_duration	smallint		How long the movie has been rented
rental_rate	numeric		Score of renting by customers
length	smallint		Duration of the movie
replacement_cost	numeric		Costs to replace the rental movie
rating	USER-DEFINED		mpaa_rating which age group should watch the movie
last_update	timestamp without timezone		Date and time of the last update
special_features	ARRAY		Special features of the movie
fulltext	tsvector		Text of the movie

Film_Category

Column	Data Type	Key	Description
film_id	smallint	PK,FK	Unique number of the movie
category_id	smallint	PL,FK	Unique number of the category
last_update	timestamp without timezone		Date and time of the last update

Category

Column	Data Type	Key	Description
category_id	integer	PK	Unique number of the category
name	character varying (25)		Name of the Category
last_update	timestamp without timezone		Date and time of the last update