

Rockbuster Stealth

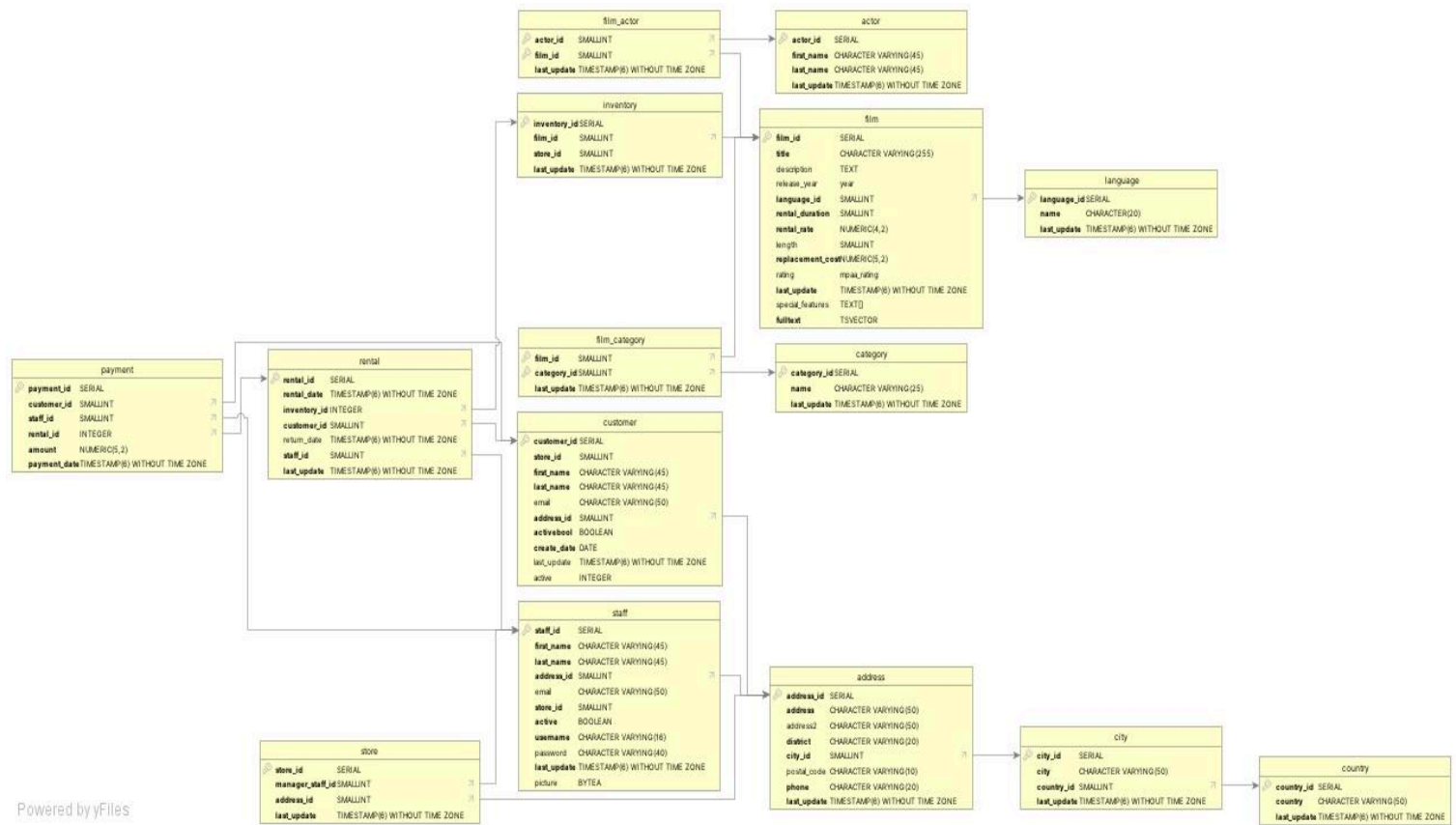
Data dictionary

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Entity Relationship Diagram (ERD):



Fact Tables:

Payment

Column	Data Type	Description
payment_id	SERIAL	Unique identity for payment transaction
customer_id	SMALLINT	Unique identity for customer
staff_id	SMALLINT	Unique identity for staff
rental_id	INTEGER	Unique identity for rental
amount	NUMERIC(5,2)	Cost of rental
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time on completion of purchase

Rental

Column	Data Type	Description
rental_id	SERIAL	Unique identity for rental
rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of rental
inventory_id	INTEGER	Unique identity for item sock
customer_id	SMALLINT	Unique identity for customer
return_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of rental return
staff_id	SMALLINT	Unique identity for staff
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Store

Column	Data Type	Description
store_id	SERIAL	Unique identity for store
manager_staff_id	SMALLINT	Unique identity for staff
address_id	SMALLINT	Unique identity for address of Rockbuster location
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Dimension Tables:

Film_Actor

Column	Data Type	Description
actor_id	SMALLINT	Unique identity for actor in movie
film_id	SMALLINT	Unique identity for film
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Inventory

Column	Data Type	Description
inventory_id	SERIAL	Unique identity for rental unit
film_id	SMALLINT	Unique identity for film
store_id	SMALLINT	Unique identity for store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Film_Category

Column	Data Type	Description
film_id	SMALLINT	Unique identity for film
category_id	SMALLINT	Unique identity for category
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Customer

Column	Data Type	Description
customer_id	SERIAL	Unique identity for customer
store_id	SMALLINT	Unique identity for store
first_name	CHARACTER VARYING(45)	First name of customer
last_name	CHARACTER VARYING(45)	Last name of customer
email	CHARACTER VARYING(50)	Email address of customer
address_id	SMALLINT	Unique identity for address
activebool	BOOLEAN	Identity for active or inactive member
create_date	DATE	Date of first day customer info entered into system
Last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data
active	INTEGER	Identity of customer is active in system

Staff

Column	Data Type	Description
staff_id	SERIAL	Unique identity for staff
first_name	CHARACTER VARYING(45)	First name of staff member
last_name	CHARACTER VARYING(45)	Last name of staff member
address_id	SMALLINT	Unique identity for address
email	CHARACTER VARYING(50)	Email address of staff member
store_id	SMALLINT	Unique identity for store
active	BOOLEAN	Identity of staff member is active in system
username	CHARACTER VARYING(16)	Username of staff member
password	CHARACTER VARYING(40)	Password of staff member
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data
picture	BYTEA	Picture of staff member

Actor

Column	Data Type	Description
actor_id	SERIAL	Unique identity for 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 & time of last update of data

Film

Column	Data Type	Description
film_id	SERIAL	Unique identity of film
title	CHARACTER VARYING(45)	Title of film
description	TEXT	Summary of film
release_year	YEAR	Year film was released
language_id	SMALLINT	Unique identity in what language the film is in
rental_duration	SMALLINT	Number of days rented for
rental_rate	NUMERIC(4,2)	Price of rental of film
length	SMALLINT	Length of film (minutes)
replacement_cost	NUMERIC(5,2)	Cost of replacement of film
rating	,MPAA_RATING	MPAA rating system
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data
special_features	TEXT	Additional features with the film
fulltext	TSVECTOR	Key words with the film

Category

Column	Data Type	Description
category_id	SERIAL	Unique identity for category
name	CHARACTER VARYING(25)	Name of category
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Address

Column	Data Type	Description
address_id	SERIAL	Unique identity for address
address	CHARACTER VARYING(50)	First line of address
address2	CHARACTER VARYING(50)	Second line of address
district	CHARACTER VARYING(20)	Name of district
city_id	SMALLINT	Unique identity for city
postal_code	CHARACTER VARYING(10)	City zip code
phone	CHARACTER VARYING(20)	Phone number
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Language

Column	Data Type	Description
language_id	SERIAL	Unique identity for language
name	CHARACTER VARYING(20)	Name of language
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

City

Column	Data Type	Description
city_id	SERIAL	Unique identity for city
city	CHARACTER VARYING(50)	Name of city
country_id	SMALLINT	Unique identity for city
last_updated	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data

Country

Column	Data Type	Description
country_id	SERIAL	Unique identity for country
country	CHARACTER VARYING(50)	Name of country
last_updated	TIMESTAMP (6) WITHOUT TIME ZONE	Date & time of last update of data