ROCKBUSTER

Data Dictionary
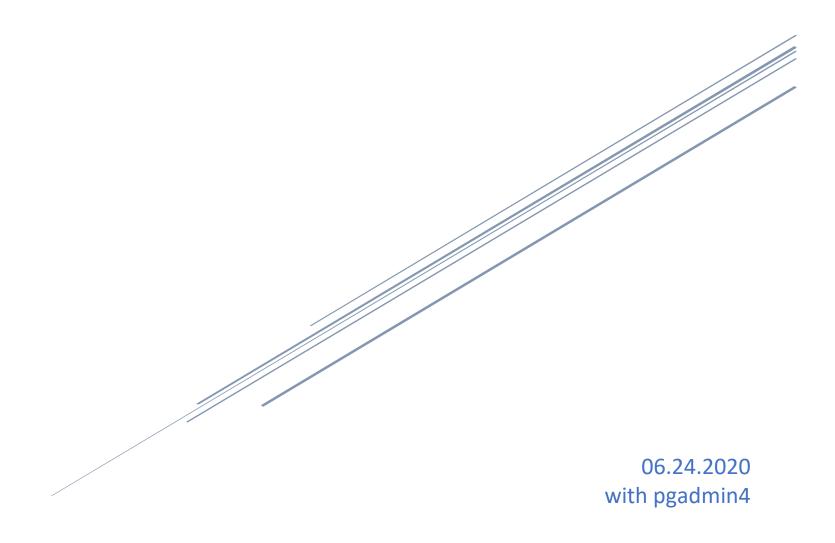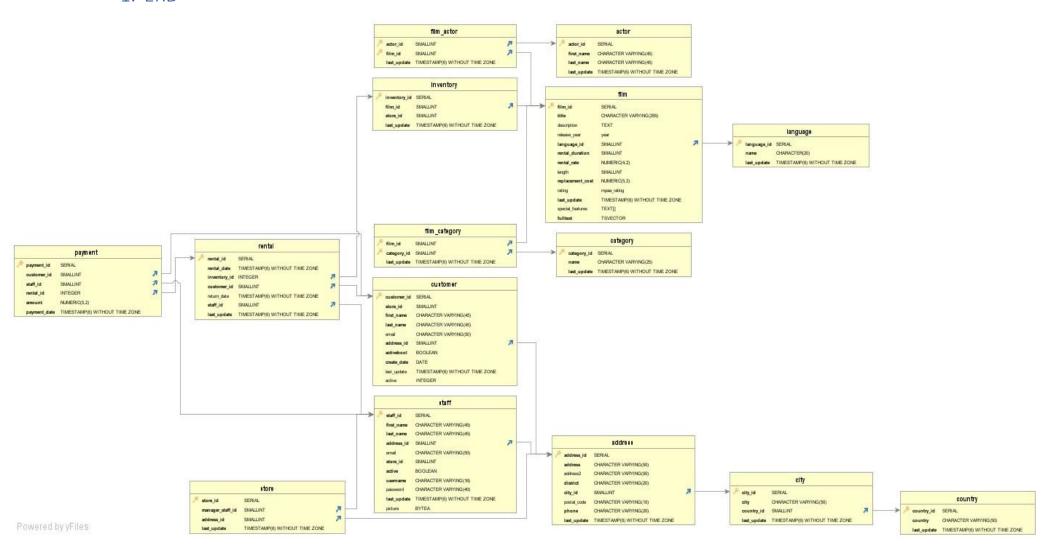
06.24.2020
with pgadmin4

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Rockbuster Presentation

1. ERD

2. Fact Tables

PAYMENT

columns	data type	description
payment_id	serial	**Primary key** for payment records. Identity increment for payment
customer_id	smallint	Identity increment for customers
staff_id	smallint	Identity increment for staff
rental_	integer	Identity increment for film rental
amount	numeric (5,2)	Monetary amount of payment
payment_date	timestamp (6) w/o timezone	Date/time of payment
Connects from: Connects to: rental, staff, customer		

FILM_CATEGORY

columns	data type	description
film_id	serial	**Primary key** for film records. Identity increment for film
category_id	smallint	Candidate key for film records. Identity increment for film category
last_update	serial	Date/time film last updated
Connects from: Connects to: category, film		

FILM_ACTOR

columns	data type	description
actor_id	smallint	**Primary key** for actor records. Identity increment for actor
film_id	smallint	Candidate key for actor records. Identity increment for film category
last_update	timestamp (6) w/o timezone	WITHOUT TIME ZONE Date/time actor last updated
Connects from: Connects to: actor, film		

3. Dimension Tables

RENTAL

columns	data type	description
Rental_id	serial	**Primary key** for rental records. Identity increment for rental
Rental_date	timestamp(6) w/o timezone	Date/time of rental
Inventory_id	integer	Identity increment for inventory
Customer_id	smallint	Identity increment for inventory
Return_date	timestamp(6) w/o timezone	Date/time of return
Staff_id	smallint	Identity increment for staff
Last_update	timestamp(6) w/o timezone	Date/time rental last updated
Connects from: payment Connects to: inventory, customer, staff		

CUSTOMER

columns	data type	description
Customer_id	serial	**Primary key** for customer records. Identity increment for customer
Store_id	smallint	Identity increment for store
First_name	character varying(45)	Customer's first name
Last_name	character varying(45)	Customer's last name
Email	character varying(45)	Customer's email
Address_id	smallint	Identity increment for customer's address
Activebool	boolean	True or False confirming whether customer active or not in system
Create_date	date	Date/time customer created in system
Last_update	timestamp(6) w/o timezone	Date/time customer's profile last updated
active	integer	0 or 1 integer for whether customer is active or not
Connects from: payment, rental Connects to: address		

ADDRESS

columns	data type	description
address_id	serial	**Primary key** for address records. Identity increment for address
address	character varying(50)	First line of address
address2	character varying(50)	Second line of address
district	character varying(50)	Address district
city_id	smallint	Address city
postal_code	character varying(50)	Address postal code
phone	character varying(20)	Phone number of staff
last_update	timestamp(6) w/o timezone	Date/time address profile last updated
Connects from: store, staff, customer Connects to: city		

STAFF

columns	data type	description
staff_id	serial	**Primary key** for staff records. Identity increment for staff
First_name	character varying(45)	Staff's first name
Last_name	character varying(45)	Staff's last name
Address_id	smallint	Identity increment for Staff's address
Email	character varying(50)	Staff's email
store_id	smallint	Identity increment for store where staff is employed
active	boolean	True or False confirming whether staff active or not in system
username	character varying(40)	Staff's username
password	character varying(40)	Staff's password
last_update	timestamp(6) w/o timezone	Date/time Staff's profile last updated
picture	bytea	Staff's picture
Connects from: rental, payment, store Connects to: address		

CITY

columns	data type	description
city_id	serial	**Primary key** for city records. Identity increment for city
city	character varying(50)	Name of city
country_id	smallint	Identity increment for country
last_update	timestamp(6) w/o timezone	Date/time city last updated
Connects from: address Connects to: country		

COUNTRY

columns	data type	description
country_id	serial	**Primary key** for country records. Identity increment for country
country	character varying(50)	Name of country
last_update	timestamp(6) w/o timezone	Date/time country last updated
Connects from: city		
Connects to:		

INVENTORY

Columns	data type	description
inventory_id	serial	**Primary key** for inventory records. Identity increment for inventory
film_id	smallint	Identity increment for film
store_id	smallint	Identity increment for store
last_update	timestamp(6) w/o timezone	Date/time inventory last updated
Connects from: rental		
Connects to: film		

ACTOR

columns	data type	description
actor_id	serial	**Primary key** for actor records. Identity increment for actor
first_name	character varying(45)	Actor's first name
Last_name	character varying(45)	Actor's last name
last_update	timestamp(6) w/o timezone	Date/time actor last updated
Connects from: film_actor Connects to:		

FILM

columns	data type	description
film_id	serial	**Primary key** for film records. Identity increment for film
title	CHARACTER VARYING(255)	Title of film
description	text	Description of film
release_year	year	Release year of film
language_id	smallint	Language of film
rental_duration	smallint	Rental duration of film
rental_rate	numeric(4,2)	Rental rate of film
length	smallint	Length of film
replacement_cost	numeric(5,2)	Replacement cost of film
rating	mpaa_rating	Rating of film
last_update	timestamp(6) w/o timezone	Date/time film's profile last updated
special_features	text[]	Description of what special features are included (Trailers, Behind the scenes, etc…)
fulltext	tsvector	Summary of text describing film
Connects from: film_actor, inventory Connects to: language		

CATEGORY

columns	data type	description
category_id	serial	**Primary key** for category records. Identity increment for category
name	character(25)	Name of language
last_update	timestamp(6) w/o timezone	Date/time language last updated
Connects from: film_category		
Connects to:		