ROCKBUSTER

Data Dictionary

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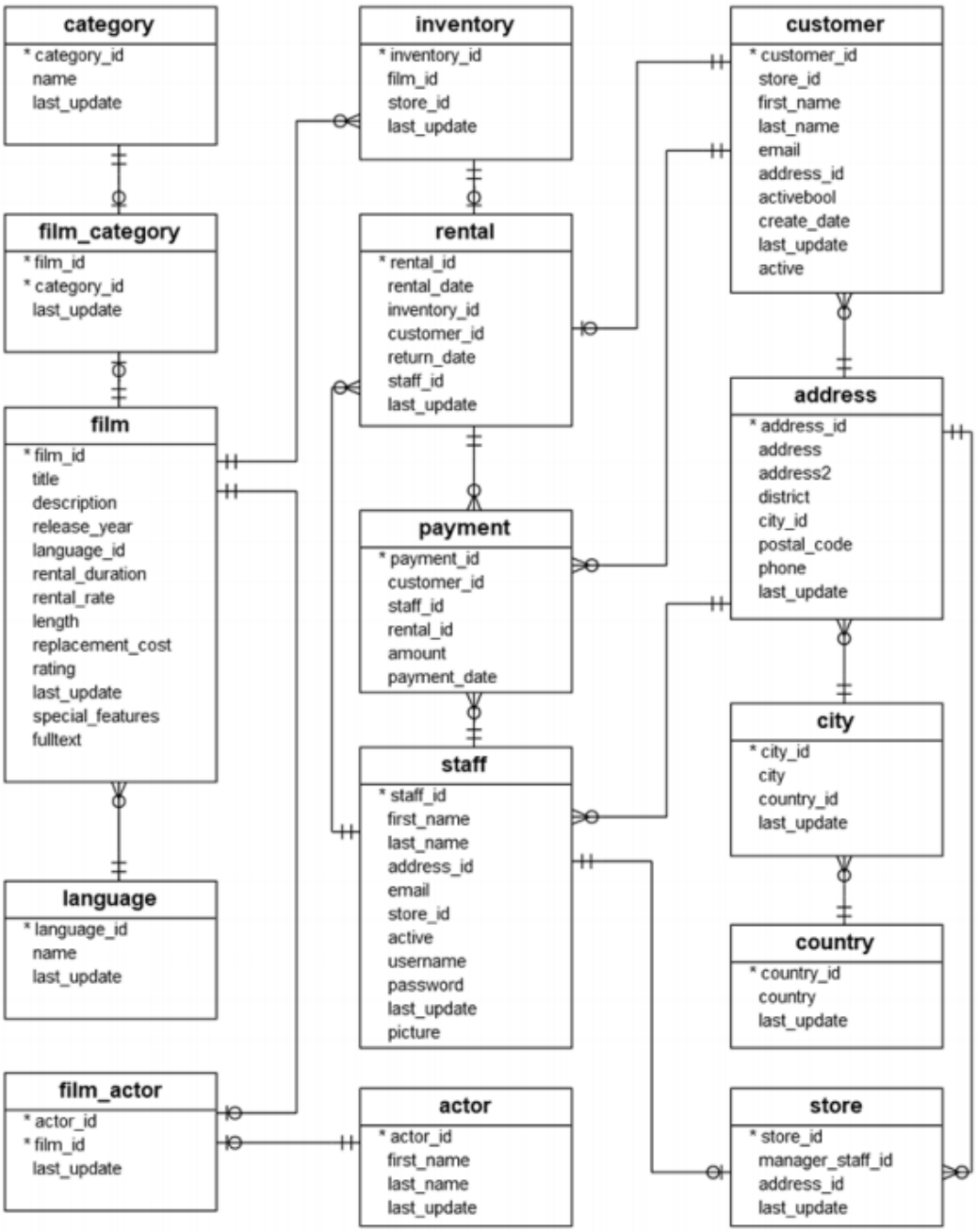
Entities


category
* category_id
name
last_update
film_category
* film_id
* category_id
last_update
film
* film_id
title
description
release_year
language_id
rental_duration
rental_rate
length
replacement_cost
rating
last_update
special_features
fulltext
language
* language_id
name
last_update
film_actor
* actor_id
* film_id
last_update
inventory
* inventory_id
film_id
store_id
last_update
rental
* rental_id
rental_date
inventory_id
customer_id
return_date
staff_id
last_update
payment
* payment_id
customer_id
staff_id
rental_id
amount
payment_date
staff
* staff_id
first_name
last_name
address_id
email
store_id
active
username
password
last_update
picture
actor
* actor_id
first_name
last_name
last_update
customer
* customer_id
store_id
first_name
last_name
email
address_id
activebool
create_date
last_update
active
address
* address_id
address
address2
district
city_id
postal_code
phone
last_update
city
* city_id
city
country_id
last_update
country
* country_id
country
last_update
store
* store_id
manager_staff_id
address_id
last_update

FACT Tables

- Film

Column	Data type	Description
Film ID	SMALLINT	Film title that helps to identify the film
Category ID	SMALLINT	Express the film genre or film category
Last update	TIMESTAMP (6) WITHOUT TIME Zone	Register when the last update on the database happened

- Inventory

Column	Data type	Description
Inventory ID	SERIAL	Every inventory is associated with a number for better identification among different inventories
Film ID	SMALLINT	Every movie is associated with an inventory id (probably a number) for better identification
Store ID	SMALLINT	Every store is associated with a number to better identification among different stores
Last update	TIMESTAMP (6) WITHOUT TIME Zone	Register when the last update on the database happened

Links to:

Table	Join
Film	Inventory.film_id = film.film_id

Links from:

Table	Join
Rental	Rental.inventory_id = inventory.inventory_id

- Customer

Column	Data type	Description
Customer ID	SERIAL	Number assigned to the customer
Store ID	SMALLINT	Number of the store in which the customer is going
First Name	CHARACTER	Customer's name
Last Name	CHARACTER	Customer's last name
Email	CHARACTER	Customer's email
Address ID	SMALLINT	ID assigned to customer´s home address
Activebool	BOOLEAN	Column to check if the customer is active or not
Create Date	DATE	Date in which the customer has been added on the database
Active	INTEGR	0 or 1 integer for whether customer is active or not
Last Update	TIMESTAMP (6) WITHOUT TIME Zone	Date/time customer's profile last updated

Links to:

Table	Join
Address	Customer.address_id = address.address_id

Links from:

Table	Join
Rental	Rental.customer_id = customer.customer_id

- Staff

Column	Data Type	Description
Staff ID	SMALLINT	Number assigned the staff member
First Name	CHARACTER	Staff member's first name
Last Name	CHARACTER	Staff member's last name
Email	CHARACTER	Staff member's email
Address ID	SMALLINT	Id assigned to staff member´s home address
Store ID	SMALLINT	Store ID in which the staff member has been assigned
Activebool	BOOLEAN	True or False confirming whether staff active or not in system
Active	INTEGR	0 or 1 integer for whether staff member is active or not
Username	CHARACTER	Working username assigned to the employee to access the server
Password	CHARACTER	Password assigned to the employee to login to the server
Picture	BYTEA	Employee's picture

Links to:

Table	Join
Address	Staff.address_id = address.address_id

Links from:

Table	Join
Payment	Staff.address_id = address.address_id

DIMENSION Tables

- Film Actor

Column	Data Type	Description
Actor ID	SMALLINT	Express the name and surname of the actor
Film ID	SMALLINT	Film title

Links to:

Table	Join
Actor	Film_actor.actor_id = actor.actor_id
Film	Film_actor.film_id = film.film_id

- Film

Column	Data Type	Description
Film ID	SERIAL	It´s a number assigned to the movie
Title	CHARACTER VARYING	How the movie is titled
Description	TEXT	What´s the movie about
Release Year	YEAR	When the movie has been issued
Language ID	SMALLINT	Movie original language
Rental duration	SMALLINT	How long the rental lasted
Rental Rate	NUMERIC	How much has the rental cost
Length	SMALLINT	Duration of the movie
Replacement Cost	NUMERIC	Replacement cost of film
Rating	MPAA RATING	Rating of film
Special Features	TEXT	Has the movie a trailer, special content, behind the scenes
Full text	TSVECTOR	How the movie title is formatted on the database

Links to:

Table	Join
Language	Film.language_id = language.language_id

Links from:

Table	Join
Inventory	Inventory.film_id = film.film_id

- Actor

Column	Data Type	Description
Actor ID	SERIAL	Number that has been assigned to the actor
First Name	CHARACTER VARYING	Actor's First Name
Last Name	CHARACTER VARYING	Actor's Last Name

- Category

Column	Data Type	Description
Category ID	SERIAL	Number that has been assigned to the category
Name	CHARACTHER VARYING	Genre assigned to the movie

Links to:

Table	Join
Film	Film_category.film_id = film.film_id
Category	Film_category.category_id = category.category_id

- Language

Column	Data Type	Description
Language ID	SERIAL	Number that has been assigned to the language
Name	CHARACTHER VARYING	Original Language of the movie

Links from:

Table	Join
Film	Language.language_id = film.language_id

- Store

Column	Data Type	Description
Store ID	SERIAL	Unique store ID
Manager Staff ID	SMALLINT	Unique ID for manager of that store
Address ID	SMALLINT	Unique ID for address of that particular store
Last update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time record was updated

Links to:

Table	Join
Staff	Store.manager_staff_id = staff.staff_id
Address	Store.address_id = address.address_id

- Rental

Column	Data Type	Description
Rental ID	SERIAL	Number assigned to the rental
Rental Date	TIMESTAMP	When did the rental start
Inventory ID	INTEGR	Number assigned to the inventory
Customer ID	SMMALINT	Number associated to the customer
Return Date	TIMESTAMP	When did the rental end
Staff ID	SMALLINT	Which staff member completed the transaction

Links to:

Table	Join
Staff	Rental.staff_id = staff.staff_id
Customer	Rental.customer_id = customer.customer_id
Inventory	Rental.inventory_id = inventory.inventory_id

Links from:

Table	Join
Payment	Payment.rental_id = rental.rental_id

- Payment

Column	Data Type	Description
Payment ID	SERIAL	Number assigned to the payment
Customer ID	SMALLINT	Number assigned to the customer
Staff ID	SMALLINT	Number assigned to the staff member
Rental ID	INTEGR	Number associated to the rental transaction
Amount	NUMERIC	Value of the transaction

Links to:

Table	Join
Rental	Payment.rental_id = rental.rental_id
Customer	Payment.customer_id = customer.customer_id
Staff	Payment.staff_id = staff.staff_id

- Address

Column	Data Type	Description
Address ID	SERIAL	Number assigned to the registered address
Address	CHARACTERISTIC	Address assigned to the customer
Address 2	CHARACTERISTIC	Extra line for additional address information
District	CHARACTERISTIC	County of the address
City ID	SMALLINT	Identification number of the city of address
Postal Code	CHARACTERISTIC	Zip code
Phone	CHARACTERISTIC	Phone number of the customer

Links to:

Table	Join
City	Address.city_id = city.city_id

Links from:

Table	Join
Staff	Staff.address_id = address.address_id

- Country

Columns	Data type	Description
Country ID	SERIAL	Unique country ID
Country	CHARACTER VARYING(50)	Name of country
Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time record was updated

Links from:

Table	Join
City	Country.country_id = city.country_id

- City

Columns	Data Type	Description
City ID	SERIAL	Unique City ID
City	CHARACTER VARYING(50	Name of City
Country ID	SMALLINT	Unique country ID
Last Update	TIMESTAMP(6) WITHOUT TIME ZONE	Last time record was updated

Links to:

Table	Join
Country	City.country_id = country.country_id

Links from:

Table	Join
Address	Address.city_id = city.city_id