



DATA DICTIONARY

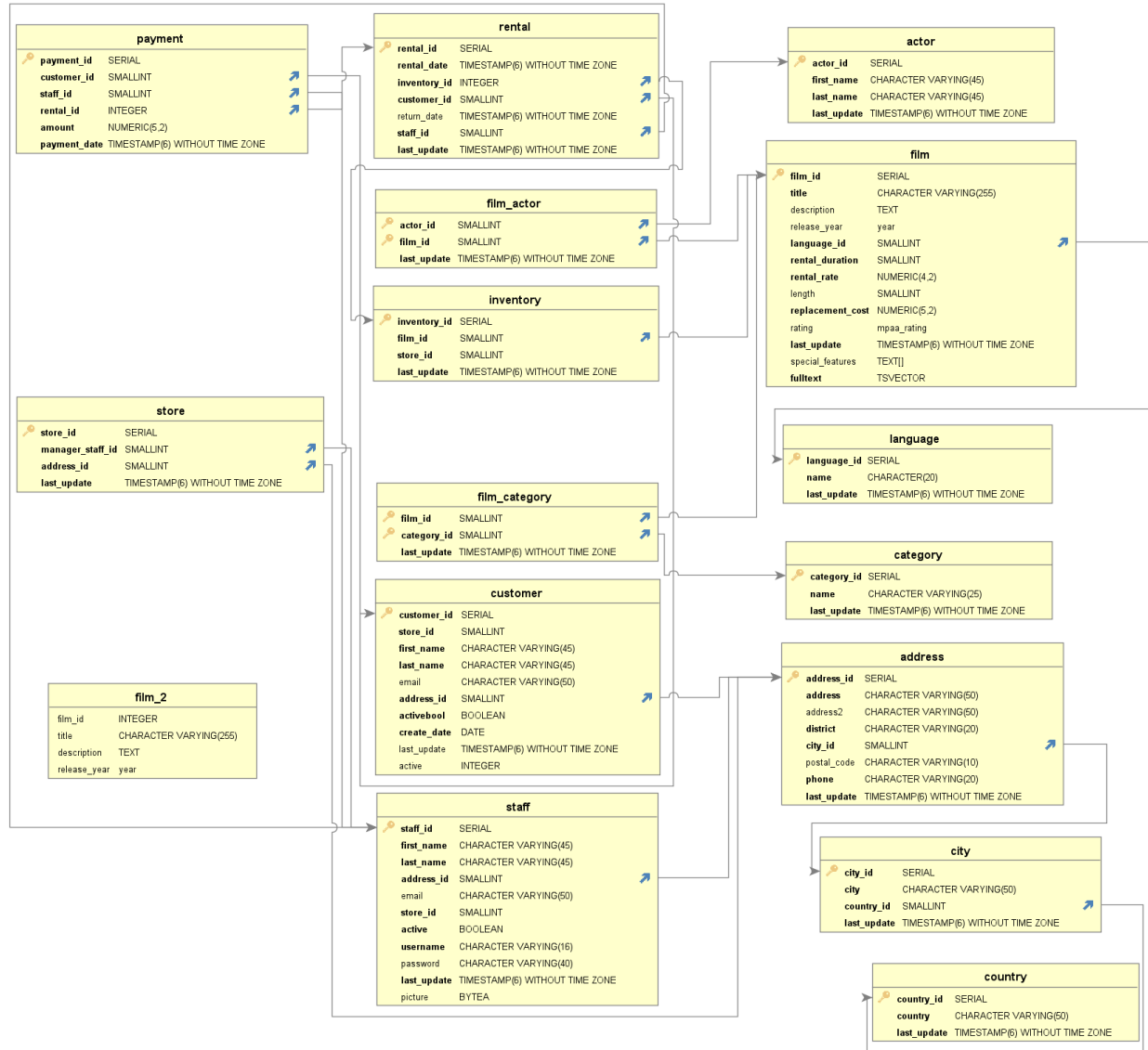
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1. ROCKBUSTER

Rockbuster is a worldwide movie rental company. The management team is planning to use its existing movie licenses to launch an online video rental service in order to stay competitive in an industry which Netflix and Amazon have captured the film entertainment. Their data base contains information about inventory, customer, payment, actor, address, category, city, country, film_actor, film_category, language, rental, staff, and store.

2. ERD



1. LEGEND





Primary key







Links to

FACT TABLES





Name of the table: film

COLUMNS	DATA TYPE	DESCRIPTION
 film_id	SERIAL	Identifies the film
title	CHARACTER VARYING(255)	Name of the film
description	TEXT	Describes what the film is about
release_year	year	Year when the movie was released.
language_id	SMALLINT 	Language of the film.
rental_duration	SMALLINT	Time the film was rented.
rental_rate	NUMERIC(4,2)	
length	SMALLINT	Duration of the film.
replacement_cost	NUMERIC(5,2)	Rental cost.
rating	mpaa_rating	How the movie is rated.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	
special_features	TEXT[]	Additional material in the movie.
fulltext	TSVECTOR	






Name of the table: film_actor

COLUMNS	DATA TYPE	DESCRIPTIONS
 actor_id	SMALLINT 	Assigned id to actor.
 film_id	SMALLINT 	Assigned id to film.
last_update	SMALLINT	



Name of the table: rental

COLUMNS	DATA TYPE	DESCRIPTIONS
 rental_id	SERIAL	Id assigned to the rental.
rental_date	TIMESTAMP(6)WITHOUT TIME ZONE	Id assigned to the film.
Inventory_id	INTEGER 	Id assigned to the inventory.
customer_id	SMALLINT 	
return_date	TIMESTAMP(6)WITHOUTTIMEZONE	
staff_id	SMALLINT 	



Name of the table: payment

COLUMNS	DATA TYPE	DESCRIPTIONS
 payment_id	SERIAL	Assigned id to payment.
 customer_id	SMALLINT 	Assigned id to customer.
staff_id	SMALLINT 	
rental_id	INTEGER 	
amount	NUMERIC(5,2)	
payment_date	TIMESTAMP(6)WITHOUT TIMEZONE	



Name of the table: customer

COLUMNS	DATA TYPE	DESCRIPTIONS
 customer_id	SERIAL	Assigned id to customer
store_id	SMALLINT	Assigned id to store.
first_name	CHARACTER VARYING(45)	
last_name	CHARACTER VARYING(45)	
email	CHARACTER VARYING(45)	
address_id	SMALLINT 	
activebool	BOOLEAN	
create_date	DATE	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	
active	INTEGER	




Name of the table: staff

COLUMNS	DATA TYPE	DESCRIPTIONS
 staff_id	SERIAL	Assigned id to staff.
first_name	CHARACTER VARYING(45)	
last_name	CHARACTER VARYING(45)	
address_id	SMALLINT 	
email	CHARACTER VARYING(50)	
store_id	SMALLINT	
active	BOOLEAN	
username	CHARACTER VARYING(16)	
password	CHARACTER VARYING(40)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	
picture	BYTEA	



Name of the table: address

COLUMNS	DATA TYPE	DESCRIPTIONS
 address_id	SERIAL	Assigned id to address.
address	CHARACTER VARYING(50)	
address2	CHARACTER VARYING(50)	
district	CHARACTER VARYING(20)	
city_id	SMALLINT 	
postal_code	CHARACTER VARYING(10)	
phone	CHARACTER VARYING(20)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	





Name of the table: store

COLUMNS	DATA TYPE	DESCRIPTIONS
 store_id	SERIAL	Assigned id to store.
manager_staff_id	SMALLINT 	
address_id	SMALLINT 	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	



Name of the table: city

COLUMNS	DATA TYPE	DESCRIPTIONS
 city_id	SERIAL	Assigned id to city.
city	CHARACTER VAYING(50)	
country_id	SMALLINT 	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	

Name of the table: **film_category**


COLUMNS	DATA TYPE	DESCRIPTIONS
 film_id	SMALLINT 	Assigned id to film.
 category_id	SMALLINT 	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	

Name of the table: **inventory**


COLUMNS	DATA TYPE	DESCRIPTIONS
 inventory_id	SERIAL	Assigned id to inventory
film_id	SMALLINT 	
store_id	SMALLINT	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	

DIMENSION TABLES


Name of the table: actor

COLUMNS	DATA TYPE	DESCRIPTIONS
 actor_id	SERIAL	Assigned id to actor.
first_name	CHARACTER VARYING(45)	
last_name	CHARACTER VARYING(45)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	


Name of the table: language

COLUMNS	DATA TYPE	DESCRIPTIONS
 language_id	SERIAL	Assigned id to language.
name	CHARACTER(20)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	

Name of the table: country

COLUMNS	DATA TYPE	DESCRIPTIONS
 country_id	SERIAL	Assigned id to country.
country	CHARACTER VARYING(50)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	

Name of the table: category

COLUMNS	DATA TYPE	DESCRIPTIONS
 category_id	SERIAL	Assigned id to category.
name	CHARACTER VAYING(25)	
last_update	TIMESTAMP(6)WITHOUT TIMEZONE	