

# DATA DICTIONARY

## Rockbuster Database

Last update: 2021/27/06

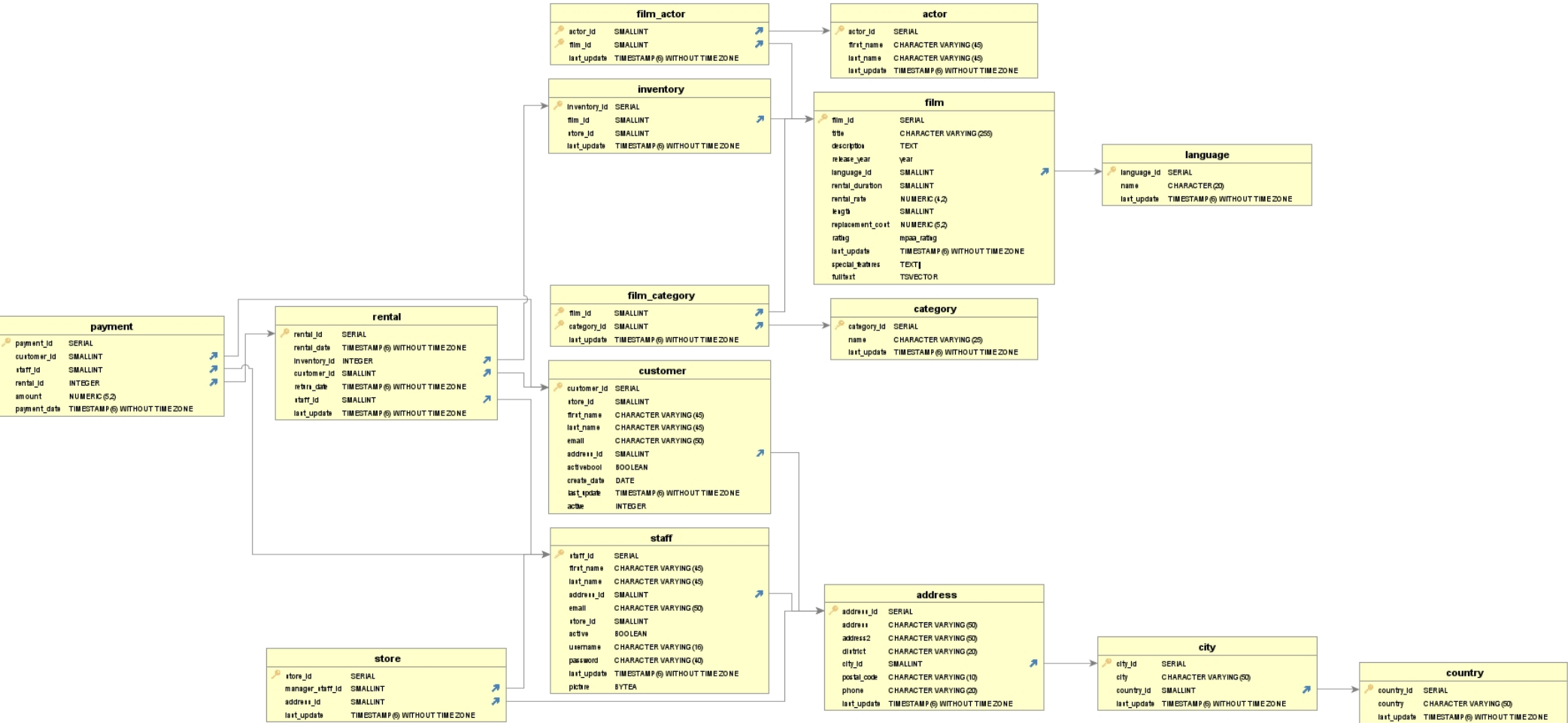
Martín Araujo

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ERD



nueva_tabla	
film_id	SERIAL
title	CHARACTER VARYING (255)
description	CHARACTER VARYING (255)
release_year	year



## Fact tables

### Rental



Columns	Data Type	Description
 rental_id	serial	It's a surrogate key, a system generated key to identify each row
rental_date	timestamp	Time in which the rental was performed
 inventory_id	int4	Numerical id of the item in the inventory
 customer_id	int2	Numerical id of the customer
return_date	timestamp	Date in which the film will be returned
 staff_id	int2	employee who performs the sale, numerical ID
last_update	timestamp	Register in the database of the last modification of any registry

## Dimension tables



### Inventory

Columns	Data Type	Description
 inventory_id	serial	It's a surrogate key, a system generated key to identify each row for every item in the inventory
 film_id	int2	It's a surrogate key, a system generated key to identify each row for every film
store_id	int2	It's a surrogate key, a system generated key to identify each row for every store
last_update	timestamp	Register in the database of the last modification of any registry





### Film

Columns	Data Type	Description
 film_id	serial	It's a surrogate key, a system generated key to identify each row for every film
title	varchar	text variable, describes the title of the movie
description	text	text variable, a summary of the movie
release_year	year	year variable, year of release of the movie
 language_id	int2	It's a surrogate key, a system generated key to identify the language of the movie
rental_duration	int2	numerical variable, indicates the number of days that the movie will be rented
rental_rate	numeric	numerical variable, indicates the price of the rental
length	int2	numerical variable, length of film
replacement_cost	numeric	numerical variable, it's the price the customer has to pay they damage or lost the movie
rating	mpaa_rating	It's the rating of the film,
last_update	timestamp	Register in the database of the last modification of any registry
special_features	_text	text variable, it's a description of the special features ({"Deleted Scenes","Behind the Scenes"})
fulltext	tsvector	text variable, words that describe the movie. For example : 'boat':20 'bright':1 'conquer':14 'encount':2 'fate':4 'feminist':11 'jet':19 'lumberjack':8 'must':13 'student':16 'yarn':5



## Customer

Columns	Data Type	Description
 <b>customer_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every customer
<b>store_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every store
<b>first_name</b>	varchar	Text variable, to identify the name of the client
<b>last_name</b>	varchar	Text variable, to identify the last name of the client
<b>email</b>	varchar	Text variable, to identify the email of the client
 <b>address_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every address of the customers
<b>activebool</b>	bool	It's a Boolean variable
<b>create_date</b>	date	Date variable, indicates when the registry was created for the first time
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry
<b>active</b>	int4	It's a Boolean variable, indicates if the customer is active or not



## Payment

Columns	Data Type	Description
 <b>payment_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every payment
 <b>customer_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every client
 <b>staff_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every staff member
 <b>rental_id</b>	int4	It's a surrogate key, a system generated key to identify each row for every rental
<b>amount</b>	numeric	numeric variable, indicates the amount of money that the customer should pay
<b>payment_date</b>	timestamp	Time variable, date of the payment

## Staff





Columns	Data Type	Description
 <b>staff_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every staff member
<b>first_name</b>	varchar	Text variable, to identify the name of the employee
<b>last_name</b>	varchar	Text variable, to identify the last name of the employee
 <b>address_id</b>	int2	It's a surrogate key, a system generated key to identify if the address corresponds to a supplier, a client or a staff member
<b>email</b>	varchar	Text variable, to identify the email of the employee
<b>store_id</b>	int2	It's a surrogate key, a system generated key to identify if the store
<b>active</b>	bool	Boolean, indicates if it's active or not
<b>username</b>	varchar	Text variable, to identify the username of the employee
<b>password</b>	varchar	Text variable, to identify the password of the employee
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry
<b>picture</b>	bytea	Image, includes the picture of the employee

## Adress


Columns	Data Type	Description
 <b>address_id</b>	serial	It's a surrogate key, a system generated key to identify if the address corresponds to a supplier, a client or a staff member
<b>address</b>	varchar	Text variable, to identify the street and number
<b>address2</b>	varchar	Text variable, to identify additional data
<b>district</b>	varchar	Text variable, to identify district
 <b>city_id</b>	int2	numeric variable, to identify City by code
<b>postal_code</b>	varchar	numeric variable, to identify City postal code
<b>phone</b>	varchar	Phone variable, to identify the phone number
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry

## Subdimension Tables


## Film\_actor

Columns	Data Type	Description
  <b>actor_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every actor
  <b>film_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every film
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry





## Actor

Columns	Data Type	Description
 <b>actor_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every actor
<b>first_name</b>	varchar	Text variable, to identify the name of the actor
<b>last_name</b>	varchar	Text variable, to identify the last name of the actor
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry


## Language

Columns	Data Type	Description
 <b>language_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every LANGUAGE
<b>name</b>	bpchar	Text variable, to identify the name of the Language (ex. Spanish)
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry




## Film\_category

Columns	Data Type	Description
  <b>film_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every film
  <b>category_id</b>	int2	It's a surrogate key, a system generated key to identify each row for every category
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry


## Category

Columns	Data Type	Description
 <b>category_id</b>	serial	It's a surrogate key, a system generated key to identify each row for every category
<b>name</b>	varchar	Text variable, to identify the name of the category (ex. Action)
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry



## Store

Columns	Data Type	Description
 <b>store_id</b>	serial	It's a surrogate key, a system generated key to identify if the store
 <b>manager_staff_id</b>	int2	It's a surrogate key, a system generated key to identify if the manager of a employee
 <b>address_id</b>	int2	It's a surrogate key, a system generated key to identify if the address corresponds to a supplier, a client or a staff member
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry

## Country

Columns	Data Type	Description
 <b>country_id</b>	serial	It's a surrogate key, a system generated key to identify if the country
<b>country</b>	varchar	Text variable, to identify the name of the country (ex. Argentina)
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry

## City

Columns	Data Type	Description
 <b>city_id</b>	serial	It's a surrogate key, a system generated key to identify if the city
<b>city</b>	varchar	Text variable, to identify the name of the city (ex. Buenos Aires)
 <b>country_id</b>	int2	It's a surrogate key, a system generated key to identify if the country
<b>last_update</b>	timestamp	Register in the database of the last modification of any registry

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