

Rockbuster Stealth LLC

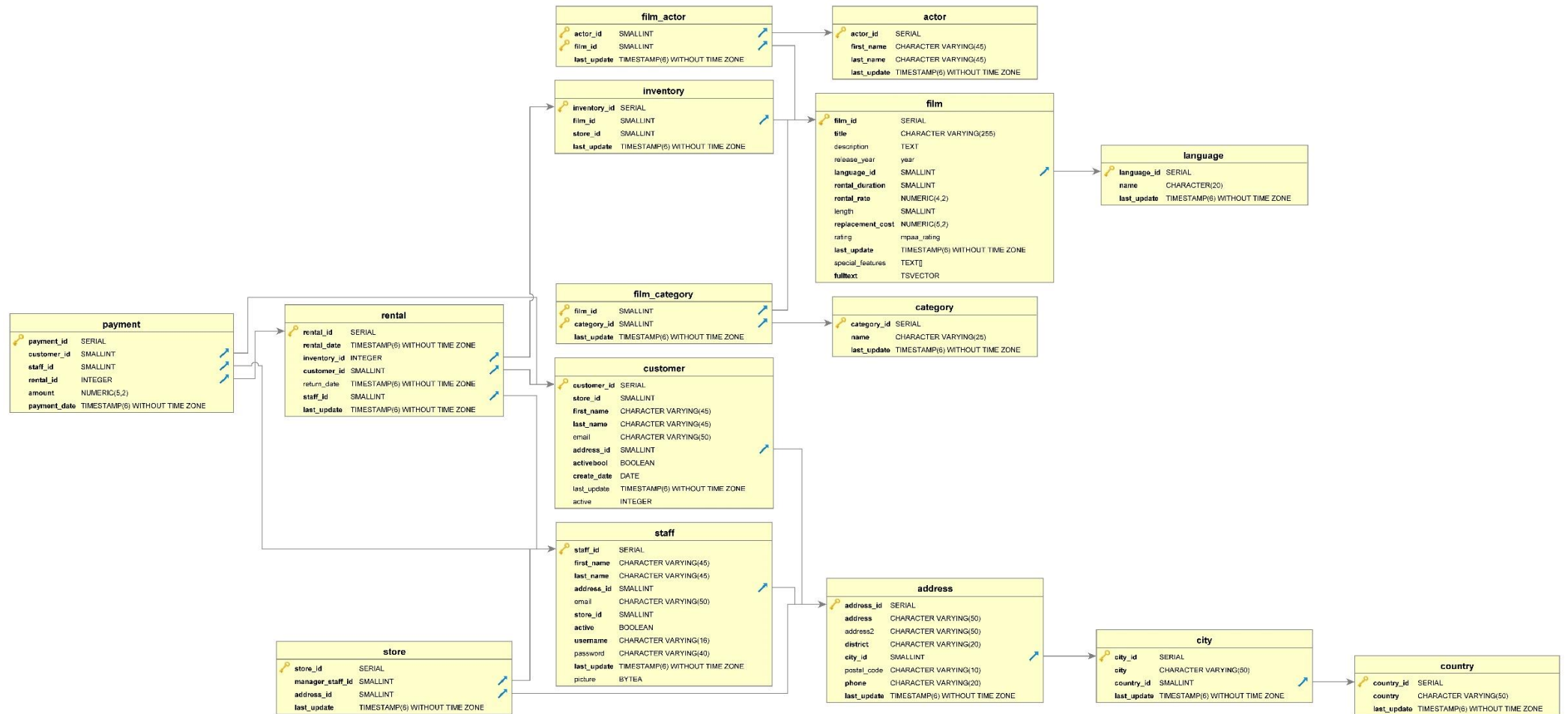
Data Dictionary

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1. Entity Relationship Diagram (ERD)



2. Tables

2.1. Table: rental

Columns	Data type	Description
staff_id	int2	Unique identifier for each staff
return_date	timestamp	Return date for each rental
rental_id	serial	Unique identifier for each rental
rental_date	timestamp	Date when the rental was made
last_update	timestamp	Date of last update made in table
inventory_id	int4	Unique identifier for each inventory
customer_id	int2	Unique identifier for each customer

- Table type: Fact
- Unique keys: staff_id
- Links to: inventory (join: inventory_id); customer (join: customer_id); staff (join: staff_id);
- Links from: payment (join: rental_id);

2.2. Table: staff

Columns	Data type	Description
staff_id	serial	Unique identifier for each staff
first_name	varchar	First name of staff member
last_name	varchar	Last name of staff member
address_id	int2	Unique identifier for each address
email	varchar	Email of staff member
store_id	int2	Unique identifier for each store
active	bool	Answers the question "is this staff member active?"
username	varchar	Username of staff member
password	varchar	Password of staff member
last_update	timestamp	Date of last update made in table
picture	bytea	Picture of staff member

- Table type: Dimension
- Unique keys: staff_id
- Links to: address (join: address_id);
- Links from: payment (join: rental_id);

2.3. Table: customer

Columns	Data type	Description
customer_id	serial	Unique identifier for each customer
store_id	int2	Unique identifier for each store
first_name	varchar	First name of customer
last_name	varchar	Last name of customer
email	varchar	email of customer
address_id	int2	Unique identifier for each address
activebool	bool	Answers the question "is this customer active?"
create_date	date	Date the record was created
last_update	timestamp	Date of last update made in table
active	int4	Active or inactive

- Table type: Dimension
- Unique keys: customer_id
- Links to: address (join: address_id);
- Links from: rental (join: customer_id);

2.4. Table: inventory

Columns	Data type	Description
inventory_id	serial	Unique identifier for each inventory
film_id	int2	Unique identifier for each film
store_id	int2	Unique identifier for each store
last_update	timestamp	Date of last update made in table

- Table type: Dimension

- Unique keys: inventory_id
- Links to: film (join: film_id);
- Links from: rental (join: inventory_id);

2.5. Table: store

Columns	Data type	Description
store_id	serial	Unique identifier for each store
manager_staff_id	int2	Unique identifier for each manager staff
address_id	int2	Unique identifier for each address
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: store_id
- Links to: staff (join: manager_staff_id); address (join: address_id);

2.6. Table: payment

Columns	Data type	Description
payment_id	serial	Unique identifier for each payment
customer_id	int2	Unique identifier for each customer
staff_id	int2	Unique identifier for each staff
rental_id	int4	Unique identifier for each rental
amount	numeric	Amount paid
payment_date	timestamp	Payment date

- Table type: Dimension
- Unique keys: payment_id
- Links to: customer (join: customer_id); staff (join: staff_id); rental (join: rental_id);

2.7. Table: language

Columns	Data type	Description
language_id	serial	Unique identifier for each language
name	bpchar	Name of language
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: language_id
- Links from: film (join: language_id);

2.8. Table: film

Columns	Data type	Description
film_id	serial	Unique identifier for each film
title	varchar	Title of film
description	text	Description of film
release_year	year	Release year of film
language_id	int2	Unique identifier for each language
rental_duration	int2	Average rental duration of film
rental_rate	numeric	Rental rate of film
length	int2	Length of film
replacement_cost	numeric	Replacement cost of film
rating	mpaa_rating	Rating of film
last_update	timestamp	Date of last update made in table
special_features	_text	special features
fulltext	tsvector	List of keywords associated with film

- Table type: Dimension
- Unique keys: film_id
- Links to: language (join: language_id);
- Links from: inventory (join: film_id);

2.9. Table: film_actor

Columns	Data type	Description
actor_id	int2	Unique identifier for each actor
film_id	int2	Unique identifier for each film
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: actor_id, film_id
- Links to: actor (join: actor_id); film (join: film_id);

2.10. Table: actor

Columns	Data type	Description
actor_id	serial	Unique identifier for each actor
first_name	varchar	First name of actor
last_name	varchar	Last name of actor
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: actor_id
- Links from: film_actor (join: actor_id);

2.11. Table: address

Columns	Data type	Description
address_id	serial	Unique identifier for each address
address	varchar	Address where the store is located
address2	varchar	Address where the store is located - second line
district	varchar	District where the store is located
city_id	int2	Unique identifier for each city
postal_code	varchar	postal code where the store is located
phone	varchar	phone of store
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: address_id
- Links to: city (join: city_id);
- Links from: store (join: address_id); staff (join: address_id); customer (join: address_id);

2.12. Table: city

Columns	Data type	Description
city_id	serial	Unique identifier for each city
city	varchar	City where the store is located
country_id	int2	Unique identifier for each country
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: city_id
- Links to: country (join: country_id);
- Links from: address (join: city_id);

2.13. Table: country

Columns	Data type	Description
country_id	serial	Unique identifier for each country
country	varchar	Country where the store is located
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: country_id
- Links from: city (join: country_id);

2.14. Table: film_category

Columns	Data type	Description
film_id	int2	Unique identifier for each film
category_id	int2	Unique identifier for each category
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: category_id, film_id
- Links to: category (join: category_id);
- Links from: film_actor (join: film_id);

2.15. Table: category

Columns	Data type	Description
category_id	serial	Unique identifier for each category
name	varchar	Name of category
last_update	timestamp	Date of last update made in table

- Table type: Dimension
- Unique keys: category_id
- Links from: film_category (join: category_id);