Rockbuster Stealth

Data Dictionary

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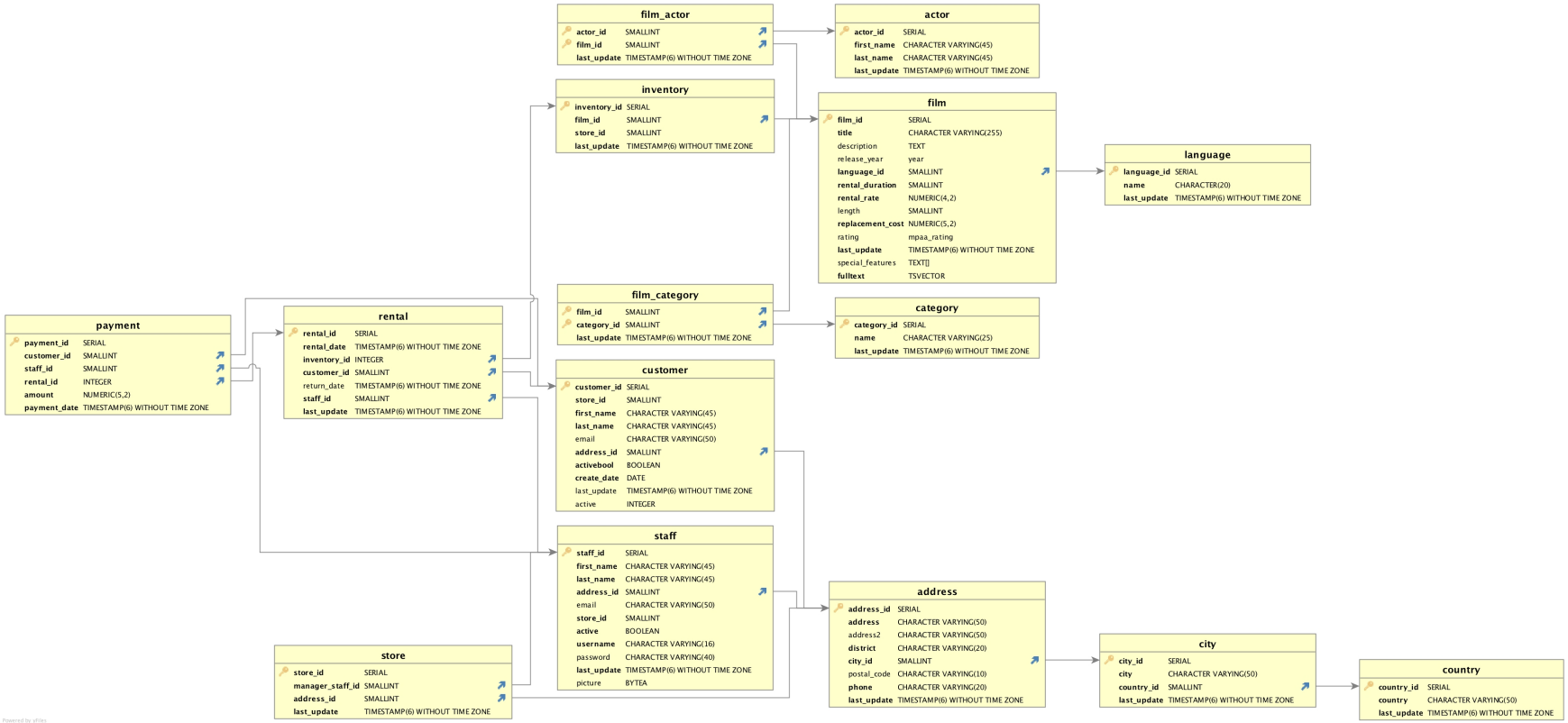
film_actor
actor_id SMALLINT
film_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
actor
actor_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
inventory
inventory_id SERIAL
film_id SMALLINT
store_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film
film_id SERIAL
title CHARACTER VARYING(255)
description TEXT
release_year year
language_id SMALLINT
rental_duration SMALLINT
rental_rate NUMERIC(4,2)
length SMALLINT
replacement_cost NUMERIC(5,2)
rating mpaa_rating
last_update TIMESTAMP(6) WITHOUT TIME ZONE
special_features TEXT[]
fulltext TSVECTOR
language
language_id SERIAL
name CHARACTER(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
payment
payment_id SERIAL
customer_id SMALLINT
staff_id SMALLINT
rental_id INTEGER
amount NUMERIC(5,2)
payment_date TIMESTAMP(6) WITHOUT TIME ZONE
rental
rental_id SERIAL
rental_date TIMESTAMP(6) WITHOUT TIME ZONE
inventory_id INTEGER
customer_id SMALLINT
return_date TIMESTAMP(6) WITHOUT TIME ZONE
staff_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film_category
film_id SMALLINT
category_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
category
category_id SERIAL
name CHARACTER VARYING(25)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
customer
customer_id SERIAL
store_id SMALLINT
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
email CHARACTER VARYING(50)
address_id SMALLINT
activebool BOOLEAN
create_date DATE
last_update TIMESTAMP(6) WITHOUT TIME ZONE
active INTEGER
staff
staff_id SERIAL
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 TIME ZONE
picture BYTEA
address
address_id SERIAL
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 TIME ZONE
city
city_id SERIAL
city CHARACTER VARYING(50)
country_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
country
country_id SERIAL
country CHARACTER VARYING(50)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
store
store_id SERIAL
manager_staff_id SMALLINT
address_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE

Payment

Column	Data Type	Description
payment_id	SERIAL	Primary key for payment fact table. Payment identification number.
customer_id	SMALLINT	Customer identification number. Foreign key. Will have a dimension table breaking it down.
staff_id	SMALLINT	Staff identification number. Foreign key. Will have a dimension table breaking it down.
rental_id	INTEGER	Rental identification number. Foreign key. Will have a dimension table breaking it down.
amount	NUMERIC(5,2)	Numeric number for payment amount. In currency symbol.
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when numeric payment was made.

Rental

Column	Data Type	Description
rental_id	SERIAL	Primary key for rental dimension table. Rental identification number.
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when rental was completed.
inventory_id	INTEGER	Inventory identification number. Foreign key. Will have a sub-dimension breaking it down.
customer_id	SMALLINT	Customer identification number. Foreign key. Will have a sub-dimension breaking it down.
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when rental was returned.
staff_id	SMALLINT	Staff identification number. Foreign key. Will have sub-dimension breaking it down.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when transaction was updated.

Customer

Column	Data Type	Description
customer_id	SERIAL	Primary key for customer dimension table. Customer identification number.
store_id	SMALLINT	Store identification number that specific customer rented film from.
first_name	CHARACTER VARYING(45)	First name of specific customer.
last_name	CHARACTER VARYING(45)	Last name of specific customer.
email	CHARACTER VARYING(50)	Email address of specific customer.
address_id	SMALLINT	Address identification number of specific customer. Foreign key. Will have a sub-dimension breaking down.
activebool	BOOLEAN	True or False
create_date	DATE	Date for when customer was created.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when customer information was updated.
active	INTEGER	1 or 0 showing if it is an active customer.

Address

Column	Data Type	Description
address_id	SERIAL	Primary key for address sub-dimension table. Address identification number.
address	CHARACTER VARYING(50)	Specific address information.
address2	CHARACTER VARYING(50)	Specific address informaiton.
district	CHARACTER VARYING(20)	District that specific address is located in.
city_id	SMALLINT	City that specific address is located in. Foreign key. Will have a sub-dimension breaking it down.
postal_code	CHARACTER VARYING(10)	Postal code that specific address is located in.
phone	CHARACTER VARYING(20)	Phone number for specific address.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when address information was last updated.

City

Column	Data Type	Description
city_id	SERIAL	Primary key for city sub-dimension table. City identification number.
city	CHARACTER VARYING(50)	Specific city information.
country_id	SMALLINT	Specific country information. Foreign key. Will have a sub-dimension breaking it down.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when city information was last updated.

Country

Column	Data Type	Description
country_id	SERIAL	Primary key for country sub-dimension table. Country identification number.
country	CHARACTER VARYING(50)	Specific country information.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when country information was last updated.

Staff

Column	Data Type	Description
staff_id	SERIAL	Primary key for staff dimension table. Staff identification number.
first_name	CHARACTER VARYING(45)	First name of specfic staff member.
last_name	CHARACTER VARYING(45)	Last name of specific staff member.
address_id	SMALLINT	Address identification number of specific staff member. Foreign key. Will have a sub-dimension breaking down.
email	CHARACTER VARYING(50)	Email address of specific staff member.
store_id	SMALLINT	Store identification number specific staff members works at.
active	BOOLEAN	True or False
username	CHARACTER VARYING(16)	Username for specific staff member.
password	CHARACTER VARYING(40)	Password for specific staff member.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when staff member information was last updated.
picture	BYTEA	Picture - will be null since it can not be in data.

Inventory

Column	Data Type	Description
inventory_id	SERIAL	Primary key for inventory sub-dimension table. Inventory identification number.
film_id	SMALLINT	Film identification number. Foreign key. Will have a sub-dimension breaking it down.
store_id	SMALLINT	Store identification number for where inventory is located.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when inventory information was last updated.

Film

Column	Data Type	Description
film_id	SERIAL	Primary key for film sub-dimension table. Film identification number.
title	CHARACTER VARYING(255)	Title for specific film.
description	TEXT	Desription for specific film.
release_year	year	Release year for specific film.
language_id	SMALLINT	Language indentification number. Foreign key. Will have sub-dimension breaking it down.
rental_duration	SMALLINT	Duration of time for which specific film was rented.
rental_rate	NUMERIC(4,2)	Numeric number for rental rate. In currency symbol.
length	SMALLINT	Length of time for specific film.
replacement_cost	NUMERIC(5,2)	Numerica number for cost if filmed needs replaced.
rating	mpaa_rating	Rating for specific film.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when film information was last updated.
special_features	TEXT[]	Special features specific film may include.
fulltext	TSVECTOR	Information on film.

Language

Column	Data Type	Description
language_id	SERIAL	Primary key for language sub-dimension table. Language indentification number.
name	CHARACTER VARYING(20)	Name for specific film's language.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when language information was last updated.

Store

Column	Data Type	Description
store_id	SERIAL	Primary key for store fact table. Store identification number.
manager_staff_id	SMALLINT	Manager staff identification number for specific store. Foreign key, Will have dimension breaking it down.
address_id	SMALLINT	Address for specific store. Foreign key. Will have a dimension breaking it down.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when store information was last updated.

Film Actor

Column	Data Type	Description
actor_id	SMALLINT	Composite key for film actor fact table. Actor identification number. Will have dimension breaking it down.
film_id	SMALLINT	Composite key for film actor fact table. Film identification number. Will have dimension breaking it down.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when film actor information was last updated.

Actor

Column	Data Type	Description
actor_id	SERIAL	Primary key for actor dimension table. Actor identification information.
first_name	CHARACTER VARYING(45)	First name of specific actor.
last_name	CHARACTER VARYING(45)	Last name of specific actor.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when actor information was last updated.

Film Category

Column	Data Type	Description
film_id	SMALLINT	Composite key for film category fact table. Film identification number. Will have dimension breaking it down.
category_id	SMALLINT	Composite key for film category fact table. Category identification number. Will have dimension breaking it down.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when film category information was last updated.

Category

Column	Data Type	Description
category_id	SERIAL	Primary key for category dimesnion table. Category identification number.
name	CHARACTER VARYING(25)	Specific name of the category.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date for when category information was last updated.