



ROCKBUSTER STEALTH

DATA DICTIONARY

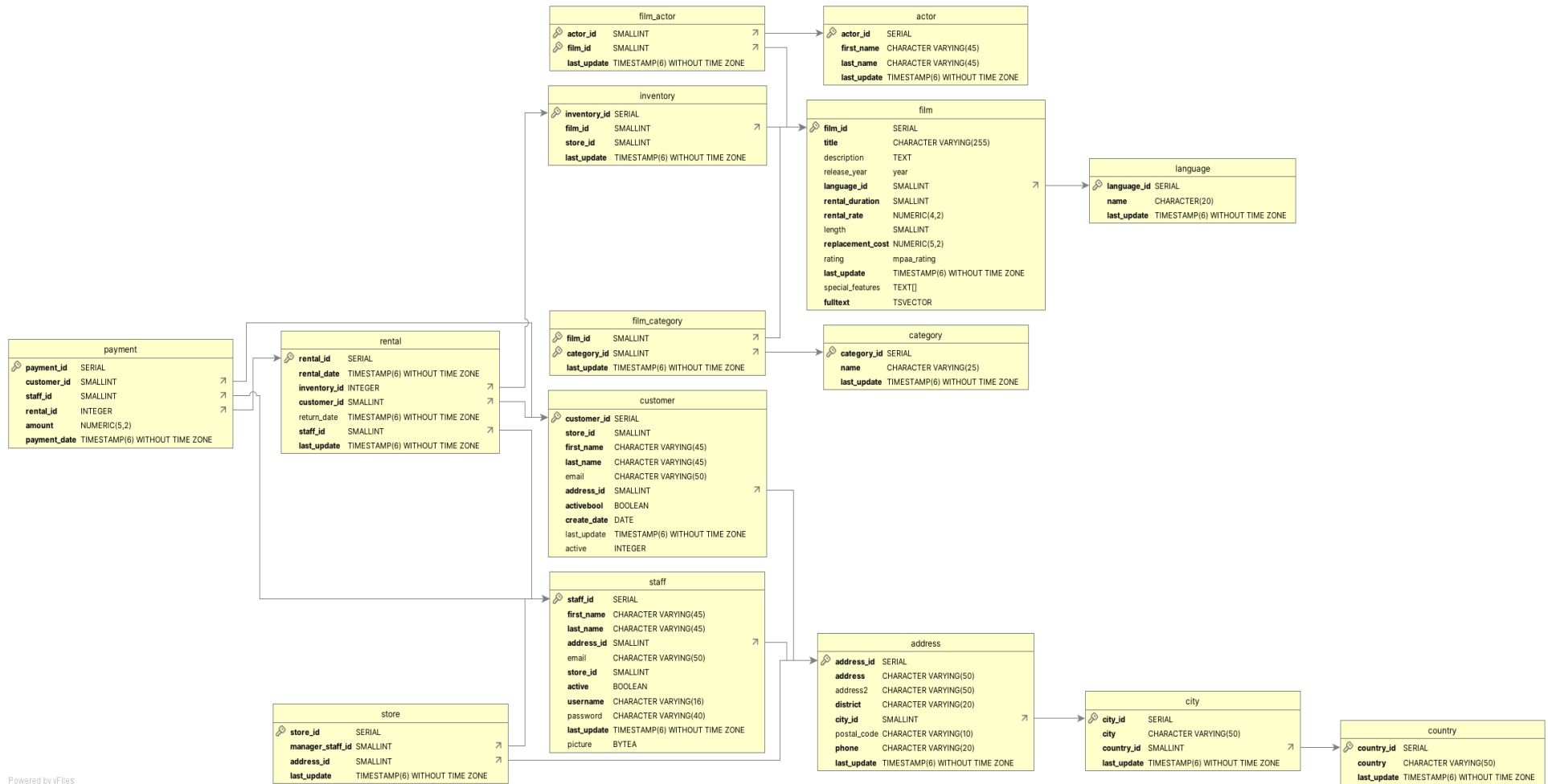
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ERD



Fact Tables

Payment

Column Name	Data Type	Description
payment_id	SERIAL	Unique identifier for payment
customer_id	SMALLINT	Unique identifier for customer
staff_id	SMALLINT	Unique identifier for staff member
rental_id	INTEGER	Unique identifier for rental
amount	NUMERIC(5,2)	Total amount of sale
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when payment was confirmed

Links To: Rental (rental_id), Customer (customer_id), Staff (staff_id)

Rental

Column Name	Data Type	Description
rental_id	SERIAL	Unique identifier for rental
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when rental started

Column Name	Data Type	Description
inventory_id	INTEGER	Unique inventory identifier for rental
customer_id	SMALLINT	Unique identifier for customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when rental was returned
staff_id	SMALLINT	Unique identifier for staff member
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Links To: Inventory (inventory_id), Customer (customer_id), Staff (staff_id)**Linked From:** Payment (rental_id)

Dimension Tables

Film Actor

Column Name	Data Type	Description
actor_id	SMALLINT	Unique identifier for actor
film_id	SMALLINT	Unique identifier for film
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Links To: Actor (actor_id), Film (film_id)

Inventory

Column Name	Data Type	Description
inventory_id	SERIAL	Unique inventory identifier for rental
film_id	SMALLINT	Unique identifier for film
store_id	SMALLINT	Unique identifier for store
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Links To: Film (film_id)

Film Category

Column Name	Data Type	Description
film_id	SMALLINT	Unique identifier for film
category_id	SMALLINT	Unique identifier for film category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Links To: Film (film_id), Category (category_id)

Customer

Column Name	Data Type	Description
customer_id	SERIAL	Unique identifier for customer
store_id	SMALLINT	Unique identifier for store
first_name	CHARACTER VARYING(45)	Customer first name
last_name	CHARACTER VARYING(45)	Customer last name
email	CHARACTER VARYING(50)	Customer email address

Column Name	Data Type	Description
address_id	SMALLINT	Unique identifier for customer address
activebool	BOOLEAN	Active? (True or false)
create_date	DATE	Date customer was added
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated
active	INTEGER	Active? (0 or 1)

Links To: Address (address_id)**Linked From:** Payment (customer_id), Rental (customer_id)

Staff

Column Name	Data Type	Description
staff_id	SERIAL	Unique identifier for staff
first_name	CHARACTER VARYING(45)	Staff first name
last_name	CHARACTER VARYING(45)	Staff last name
address_id	SMALLINT	Unique identifier for staff address

Column Name	Data Type	Description
email	CHARACTER VARYING(50)	Staff email address
store_id	SMALLINT	Unique identifier for store
active	BOOLEAN	Active? (true or false)
username	CHARACTER VARYING(16)	Staff username
password	CHARACTER VARYING(40)	Staff password
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated
picture	BYTEA	Staff photo

Links To: Address (address_id)**Linked From:** Payment (staff_id), Rental (staff_id), Store (store_id)

Store

Column Name	Data Type	Description
store_id	SERIAL	Unique identifier for store
manager_staff_id	SMALLINT	Unique identifier for manager of store

Column Name	Data Type	Description
address_id	SMALLINT	Unique identifier for store address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Links To: Staff (store_id), Address (address_id)

Actor

Column Name	Data Type	Description
actor_id	SERIAL	Unique identifier for actor
first_name	CHARACTER VARYING(45)	Actor first name
last_name	CHARACTER VARYING(45)	Actor last name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Linked From: Film Actor (actor_id)

Film

Column Name	Data Type	Description
film_id	SERIAL	Unique identifier for film

Column Name	Data Type	Description
title	CHARACTER VARYING(255)	Film title
description	TEXT	Description of film
release_year	YEAR	Year film was released
language_id	SMALLINT	Unique identifier for language
rental_duration	SMALLINT	Duration of rental period
rental_rate	NUMERIC(4,2)	Cost of rental
length	SMALLINT	Length of film
replacement_cost	NUMERIC(5,2)	Cost to replace film
rating	MPAA_RATING	Film rating
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated
special_features	TEXT	Film's special features

Column Name	Data Type	Description
fulltext	TSVECTOR	Key words from the film

Links To: Language (language_id)**Linked From:** Film Actor (film_id), Inventory (film_id), Film Category (film_id)

Category

Column Name	Data Type	Description
category_id	SERIAL	Unique identifier for film category
name	CHARACTER VARYING(25)	Name of film category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Linked From: Film Category (category_id)

Language

Column Name	Data Type	Description
language_id	SERIAL	Unique identifier for language
name	CHARACTER(20)	Name of language
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time when the record was last updated

Linked From: Film (language_id)

Address

Column Name	Data Type	Description
address_id	SERIAL	Unique identifier for address
address	CHARACTER VARYING(50)	Address line 1
address2	CHARACTER VARYING(50)	Address line 2
district	CHARACTER VARYING(20)	Region (state or country)
city_id	SMALLINT	Unique identifier for city
postal_code	CHARACTER VARYING(10)	