Rockbuster Stealth LLC

Data Dictionary

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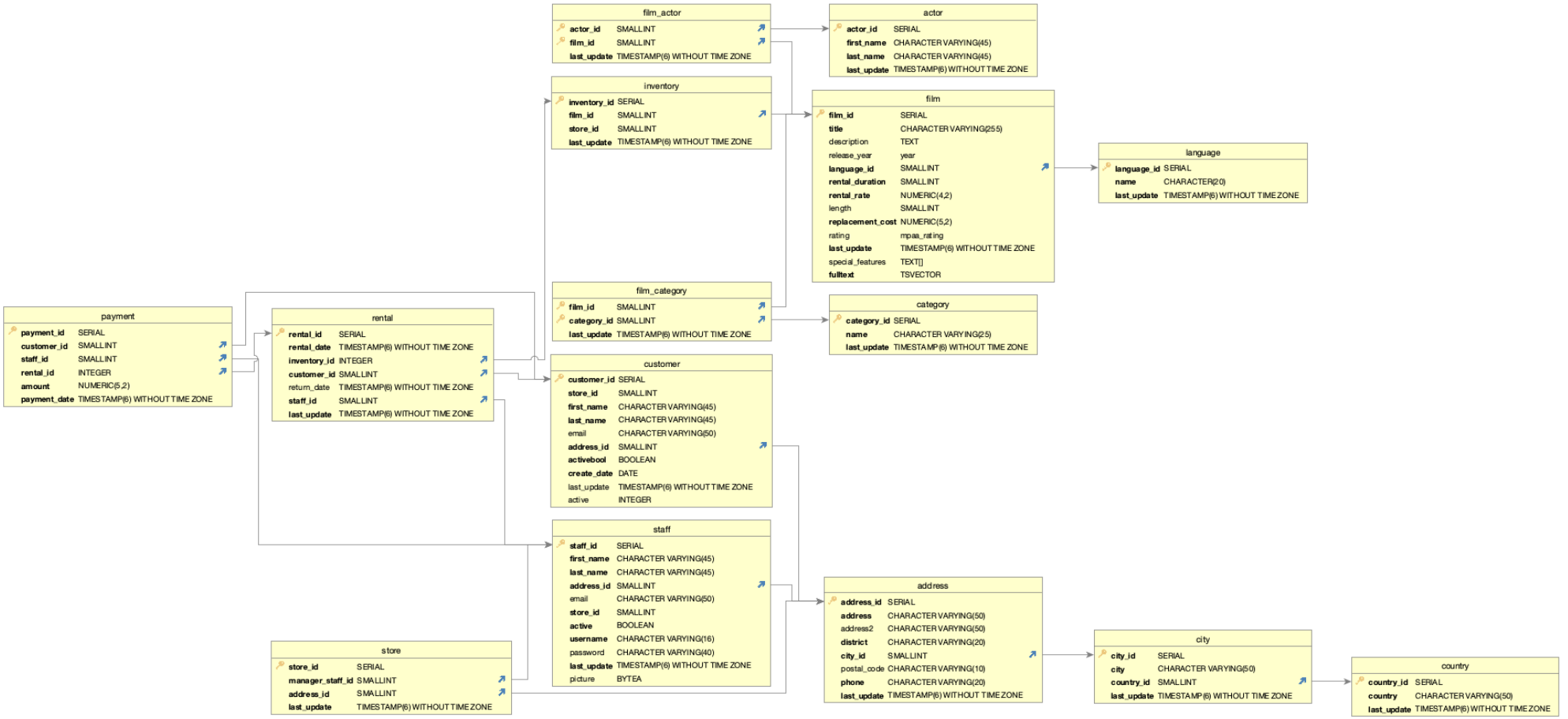
Entity Relationship Diagram



Fact Table

rental

Column	Data Type	Description	Key	Links to	Links from
rental_id	Serial	Number assigned to rental	Primary		Payment
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
inventory_id	INTEGER	Number assigned to item in the table	Foreign	Inventory	
customer_id	SMALLINT	Number assigned to customer	Foreign	Customer	
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned		Staff	
staff_id	SMALLINT	Number assigned to employee	Foreign		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Dimension Tables

payment

Column	Data Type	Description	Key	Links to	Links from
payment_id	SERIAL	Number assigned to payment	Primary		
customer_id	SMALLINT	Number assigned to customer	Foreign		Customer
staff_id	SMALLINT	Number assigned to employee	Foreign		Staff
rental_id	INTEGER	Number assigned to rental	Foreign		Rental
amount	NUMERIC (5,2)	Amount paid			
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment			

store

Column	Data Type	Description	Key	Links to	Links from
store_id	SERIAL	Number assigned to store	Primary		
manager_staff_id	SMALLINT	Number assigned to store manager	Foreign	Staff	
address_id	SMALLINT	Number assigned to store address	Foreign	Address	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

film_actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SMALLINT	Number assigned to actor	Primary, foreign	Actor	
film_id	SMALLINT	Number assigned to film	Primary, foreign	Film	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

inventory

Column	Data Type	Description	Key	Links to	Links from
inventory_id	SERIAL	Number assigned to item	Primary		Rental
film_id	SMALLINT	Number assigned to film	Foreign	Film	
store_id	SMALLINT	Number assigned to store			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

film_category

Column	Data Type	Description	Key	Links to	Links from
film_id	SMALLINT	Number assigned to film	Primary, foreign	Film	
film_category	SMALLINT	Number assigned to genre/category	Primary, foreign	Category	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

customer

Column	Data Type	Description	Key	Links to	Links from
customer_id	SERIAL	Number assigned to customer	Primary		Rental, Payment
store_id	SMALLINT	Number assigned to store			
first_name	CHARACTERVARYING(50)	First name of customer			
last_name	CHARACTERVARYING(45)	Last name of customer			
email	CHARACTERVARYING(50)	Email address of customer			
address_id	SMALLINT	Number assigned to customer's address	Foreign	Address	
activebool	BOOLEAN	Customer's active status			
create_date	DATE	Date entry was created			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
active	INTEGER	Customer's active status			

staff

Column	Data Type	Description	Key	Links to	Links from
staff_id	SERIAL	Number assigned to employee	Primary		Payment, Store, Rental
first_name	CHARACTERVARYING(45)	First name of employee			
last_name	CHARACTERVARYING(45)	Last name of employee			
address_id	SMALLINT	Number assigned to employee's address	Foreign	Address	
email	CHARACTERVARYING(50)	Email address of employee			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Employee active status			
username	CHARACTERVARYING(16)	Username of employee			
password	CHARACTERVARYING(40)	Password of employee			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
picture	BYTEA	Picture of employee			

actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SERIAL	Number assigned to actor	Primary	Film	Film_actor
first_name	CHARACTERVARYING(45)	First name of actor			
last_name	CHARACTERVARYING(45)	Last name of actor			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

film

Column	Data Type	Description	Key	Links to	Links from
film_id	SERIAL	Number assigned to film	Primary		Film_actor, Inventory, Film_category
title	CHARACTERVARYING(45)	Title of film			
description	TEXT	Description of film			
release_year	year	Release year of film			
language_id	SMALLINT	Number assigned to film language	Foreign	Language	
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4,2)	Price of film			
length	SMALLINT	Length of film			
replacement_cost	NUMERIC(5,2)	Cost of replace of film			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

special_features	TEXT []	Special features included with film			
fulltext	TSVECTOR	Keywords associated with film			

category

Column	Data Type	Description	Key	Links to	Links from
language_id	SERIAL	Number assigned to language	Primary		Film_category
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

address

Column	Data Type	Description	Key	Links to	Links from
address_id	SERIAL	Number assigned to address	Primary		Customer, Staff, Store
address	CHARACTERVARYING(50)	Street address			
address2	CHARACTERVARYING(50)	Supplementary street address			
district	CHARACTERVARYING(20)	District			
city_id	SMALLINT	Number assigned to City	Foreign	City	
postal_code	CHARACTERVARYING(10)	Postal code			
phone	CHARACTERVARYING(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

language

Column	Data Type	Description	Key	Links to	Links from
language_id	SERIAL	Number assigned to language	Primary		Film
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

city

Column	Data Type	Description	Key	Links to	Links from
city_id	SERIAL	Number assigned to city	Primary		Address
city	CHARACTERVARYING(20)	Name of city			
country_id	SMALLINT	Number assigned to country	Foreign	Country	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

country

Column	Data Type	Description	Key	Links to	Links from
country_id	SERIAL	Number assigned to country	Primary		City
country	CHARACTERVARYING(50)	Name of country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			