

# **ROCKBUSTER STEALTH LLC**

## Data Dictionary

Albert Tran

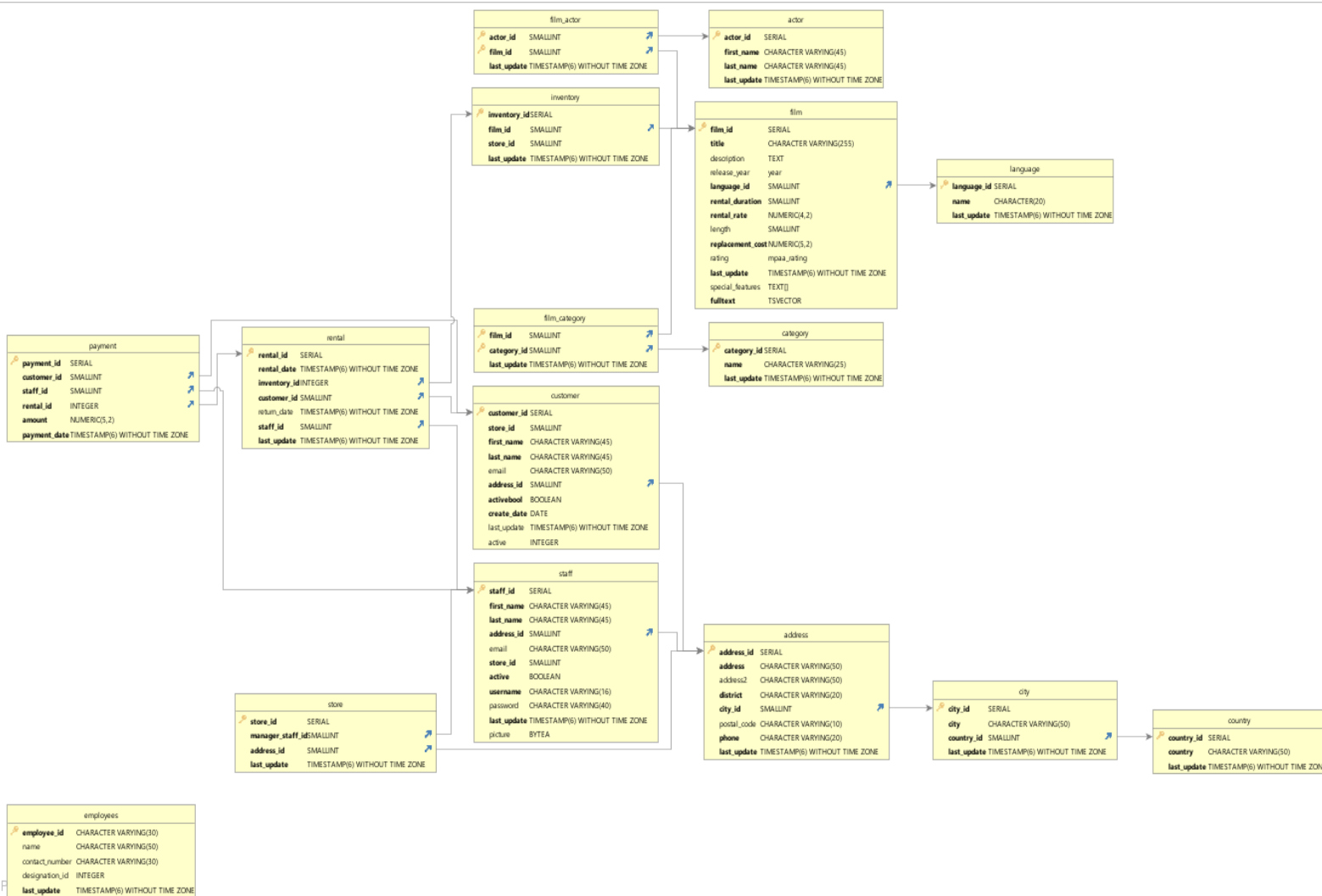
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# Entity Relationship Diagram:



## 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	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 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	NUMERICAL(5,2)	Amount paid			
payment_date	INTEGER	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 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 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) WIHTOUT TIMEZONE	Date entry last updated			

film_category					
Column	Data Type	Description	Key	Links to	Links from
film_id	SMALLINT	Number assigned to film	Primary, Foreign	film	
category_id	SMALLINT	Number assigned to genre	Primary, Foreign	category	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry 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(45)	First name of customer			
last_name	CHARACTERVARYING(45)	Last name of customer			
email	CHARACTERVARYING(50)	E-mail address of customer			
address_id	SMALLINT	Number assigned to customer's address	Foreign	address	
activebool	BOOLEAN	Is customer active?			
create_date	DATE	Date entry was created			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry last updated			
active	INTEGER	How active is customer?			

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)	E-mail address of employee			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Is employee active?			
username	CHARACTERVARYING(16)	Username of employee			
password	CHARACTERVARYING(40)	Password of employee			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry 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_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 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(35)	Title of film			
description	TEXT	Description of film			
release_year	Year	Release year of film			
language_id	SMALLINT	Number assigned to language of film	Foreign	language	
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4,2)	Price of film rental			
length	SMALLINT	Length of film			
replacement_cost	NUMER(5,2)	Cost to replace film			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry 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
category_id	SERIAL	Number assigned to genre	Primary		film_category
name	CHARACTERVARYING(25)	Name of genre			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry 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)	Supplemental 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 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) WIHTOUT TIMEZONE	Date entry last updated			

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