

# **ROCKBUSTER STEALTH LLC**

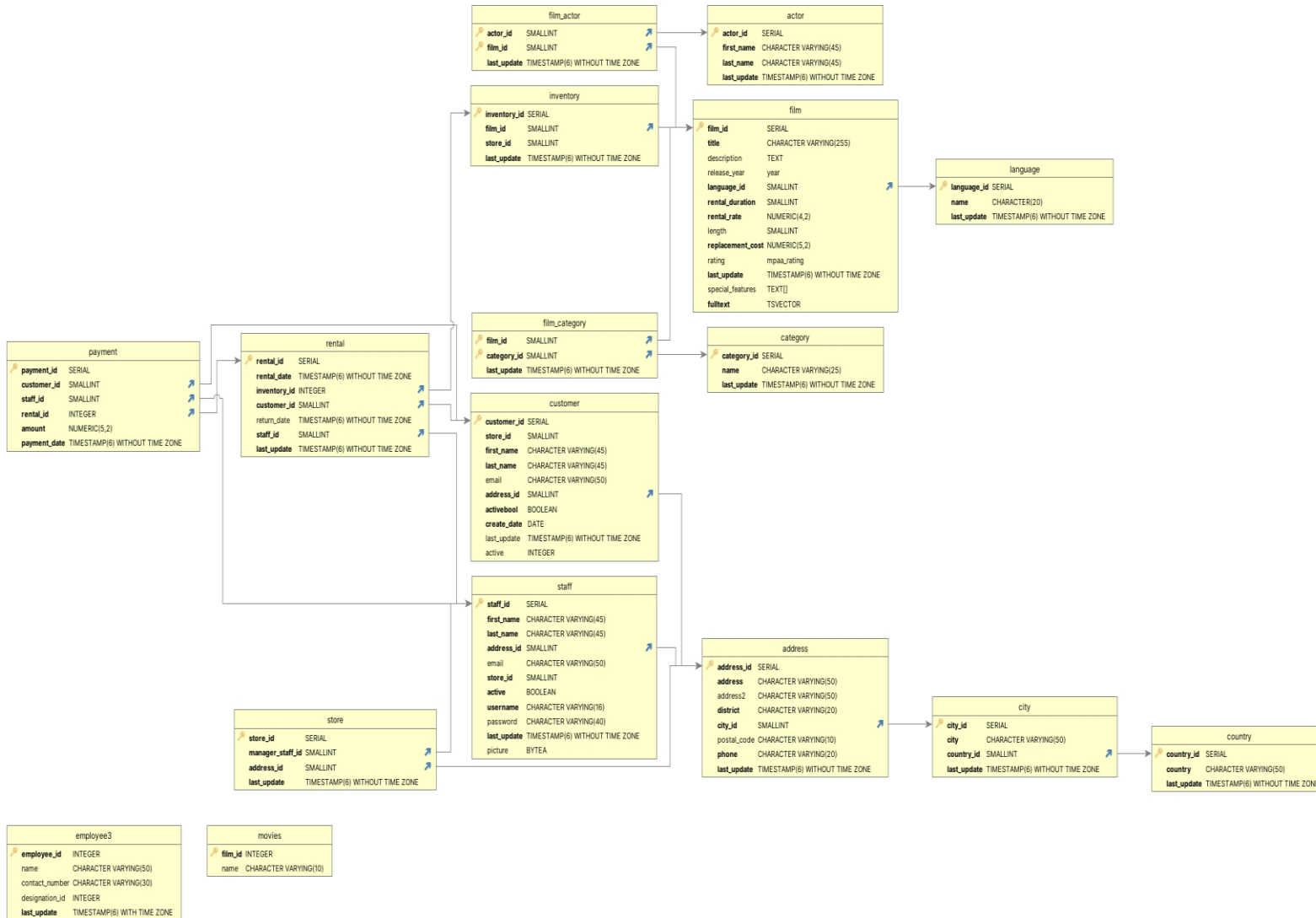
## **A DATA DICTIONARY**

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# ERD



## DIMENSION TABLE

### Customer

Column	Data Type	Description	Links To	Links From	Unique Keys
Customer_id	Serial	Unique identifier for each customer (Primary Key).	'address' table via 'address_id'	'rental' table via 'customer_id'	'customer_id'
Store_id	smallint	Identifier for the store the customer is associated with.			
First_name	Character varying(45)	Customer's first name.			
Last_name	Character varying(45)	Customer's last name.			
Email	Character varying(50)	Customer's email address.			
Address_id	Smallint	Identifier for the customer's address.			
Activebool	Boolyan	If the customer is active.			
Create_date	Date	Date of the customer record was created.			
Last_update	Timestamp(6)without timezone	Timestamp of te last update to the customer record.			
Active	Integer	Integer indicating if the customer is active.			

### Film

Column	Data Type	Description	Links To	Links From	Unique Keys
film_id	Serial	Unique identifier of film.		'inventory' table via 'film_id'	'film_id'
Title	Character varying(255)	Title of film.			
Rental_duration	Smallint	Duration of rental of film.			
Rental_rate	Numeric(4,2)	Rate of rental.			
Length	Smallint	Duration of film.			
Replacement_cost	Numeric(5,2)	Replacement cost.			
Rating	Mpaa_rating	Rating of film.			
Last_update	Timestamp(6)without timezone	Time of last update.			
Special_features	Timestamp(6)without timezone	Timestamp(6)without timezone			
Fulltext	Text	Text of film.			

## Category

Column	Data Type	Description	Links To	Links From	Unique Keys
category_id	Serial	Unique identifier for each category (Primary Key).		'film_category' table via 'category_id'	'category_id'
Name	Character varying(25)	Name of the category.			
Last_updated	Character varying(25)	Timestamp of the last update to the category record.			

## Inventory

Column	Data Type	Description	Links To	Links From	Unique Keys
inventory_id	Serial	Unique identifier for each category (Primary Key).	'film' table via 'film_id'	'rental' table via 'inventory_id'	'inventory_id'
Film_id	Smallint	Identifier for the film.			
Store_id	Smallint	Identifier for the store where the inventory item is located.			
Last_update	Timestamp(6)without timezone	Timestamp of the last update to the inventory record.			

## Staff

Column	Data Type	Description	Links To	Links From	Unique Keys
Staff_id	Serial	Unique identifier for each customer (Primary Key).	'address' table via 'address_id'	'payment' table via 'staff_id'	'staff_id'
Store_id	smallint	Identifier for the store the customer is associated with.			
First_name	Character varying(45)	Customer's first name.			
Last_name	Character varying(45)	Customer's last name.			
Email	Character varying(50)	Customer's email address.			
Address_id	Smallint	Identifier for the customer's address.			
Active	Boolean	If the customer is active.			
User_name	Character varying(16)	Date of the customer record was created.			
Password	Character varying(40)	Password of the staff			
Last_update	Timestamp(6)without timezone	Timestamp of the last update to the customer record.			
Picture	Bytea	Picture of the staff.			

## Store

Column	Data Type	Description	Links To	Links From	Unique Keys
store_id	Serial	Unique identifier for each category.	'staff' table via 'manager_staff_id'  'address' table via 'address_id'	'customer' table via 'store_id'	'store_id'
Manager_staff_id	Smallint	Unique identifier for the store manager.			
Address_id	Smallint	Address of store.			
Last_update	Timestamp(6)without timezone	Date of record last update.			

## Address

Column	Data Type	Description	Links To	Links From	Unique Keys
Address_id	Serial	Unique identifier of address.	'city' table via 'city_id'	'customer' table via 'address_id'	'address_id'
Address	Character varying(50)	Address details.		'staff' table via 'address_id'	
Address 2	Character varying(50)	Other address description.			
District	Character varying(20)	Name of the District.			
City_id	Smallint	Unique identifier of city.			
Postal_code	Character varying(10)	Postal code details.			
Phone	Character varying(20)	If the customer is active.			
Last_update	Timestamp(6)without timezone	Time of last update.			

## City

Column	Data Type	Description	Links To	Links From	Unique Keys
City_id	Serial	Unique identifier of a city.	'country' table via 'country_id'	'address' table via 'city_id'	'city_id'
City	Character Varying (50)	Name of city.			
Country_id	Smallint	Unique identifier of a country			
Last_update	Timestamp(6)without timezone	Time of record last update.			

## Country

Column	Data Type	Description	Links To	Links From	Unique Keys
Country_id	Serial	Unique identifier for each country.		'city' table via 'country_id'	'country_id'
Country	Character Varying (50)	Name of the country.			
Last_update	Timestamp(6)without timezone	Time of record last update.			

## Film\_category

Column	Data Type	Description	Links To	Links From	Unique Keys
film_id	Smallint	Unique identifier of a film.	'film' table via 'film_id'		'film_id'
Category_id	smallint	Unique identifier of a category			
Last_update	Timestamp(6)without timezone	Time of record last update.			
			'category' table via 'category_id'		'Category_id'

## Film-actor

Column	Data Type	Description	Links To	Links From	Unique Keys
actor_id	Smallint	Unique identifier of actor.	'actor' table via 'ctor_id'		'actor_id'
Film_id	Smallint	Unique identifier of film.			
Last_update	Timestamp(6)without timezone	Time of last update.			
			'film' table via 'film_id'		'film_id'

## Actor

Column	Data Type	Description	Links To	Links From	Unique Keys
Actor_id	Serial	Unique identifier of actor.		'film_actor' table via 'actor_id'	'actor_id'
First_name	Character Varying (45)	First name of the actor.			
Last_name	Character Varying (45)	Last name of the actor.			
Last_update	Timestamp(6)without timezone	Time of last update.			

## FACT TABLE

### Rental

Column	Data Type	Description	Links To	Links From	Unique Keys
Rental_id	Serial	Unique identifier for each rental transaction.	'inventory' table via 'inventory_id'  'customer' table via 'customer_id'  'staff' table via 'staff_id'		'rental_id'
Rental_date	Timestamp(6)without timezone	Data of rental occurred.			
Inventory_id	Integer	Unique identifier for inventory.			
Customer_id	Smallint	Unique identifier for customer.			
Return_date	Timestamp(6)without timezone	Date of item being returned.			
Staff_id	Smallint	Unique identifier for staff.			
Last_update	Timestamp(6)without timezone	Date and time of record last update.			

### Payment

Column	Data Type	Description	Links To	Links From	Unique Keys
Payment_id	Serial	Unique identifier of a payment.		'payment' table via 'customer_id'	'payment_id'
Customer_id	Smallint	Unique identifier of a customer.			
Staff_id	Smallint	Unique identifier of a staff member.			
Rental_id	Integer	Unique identifier of a rental.			
Amount	Numeric(5,2)	Price of the rental.			
Payment_date	Timestamp(6)without timezone	Date of the payment.			
		Date and time of record last update.			