



# ROCKBUSTER STEALTH

---

DATA DICTIONARY

CREATED  
BY  
REBECCAHAJULO

## Table of Contents

<b>ROCKBUSTER ENTITY RELATIONSHIP DIAGRAM</b>	<b>3</b>
---	----------

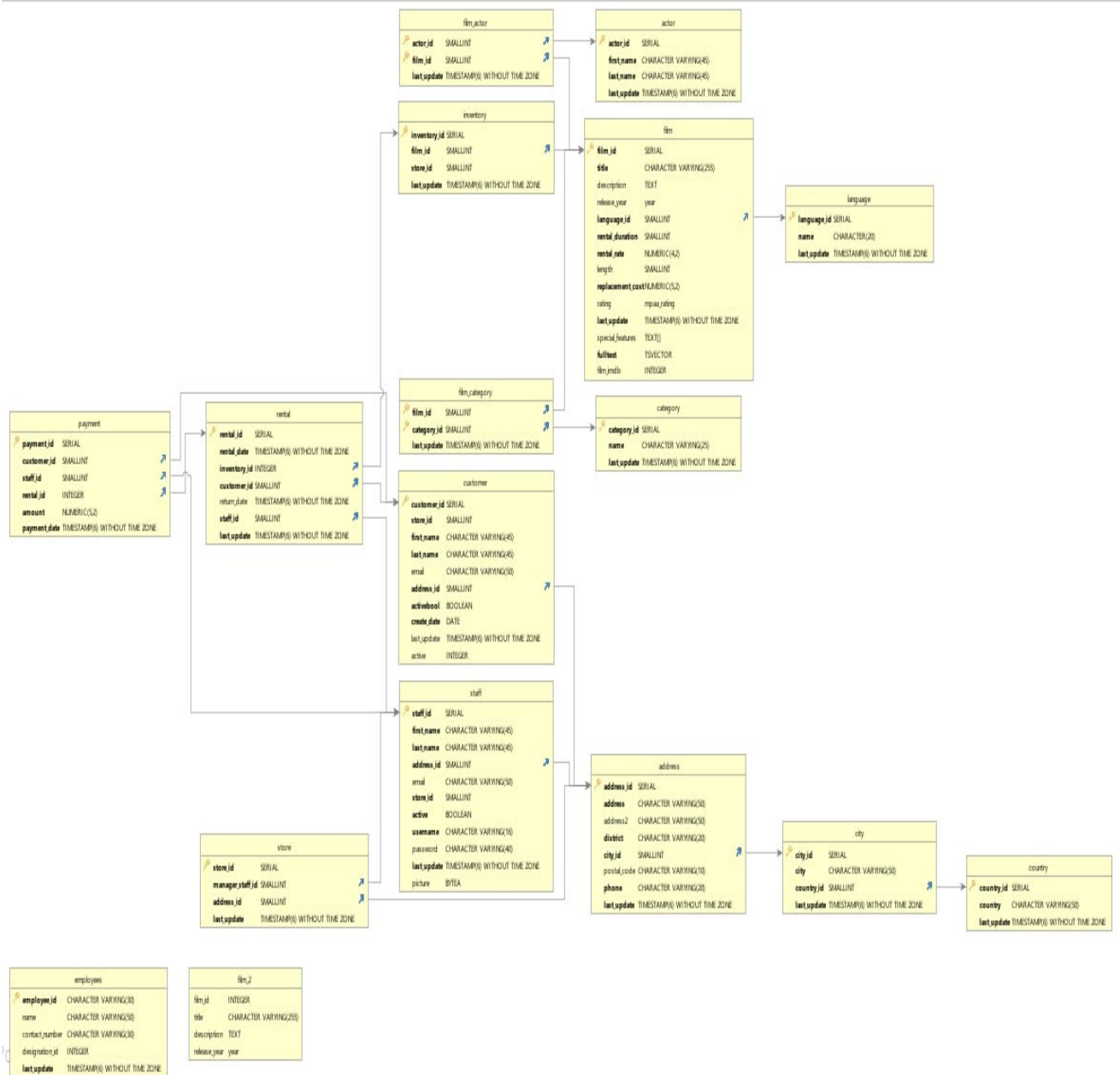
### **FACT TABLES**

Rental	4
--------	---



### **DIMENSION TABLES**

Payment	4
Store	4
Film_actor	5
Inventory	5
Film_category	5
Customer	5
Staff	6
Film	6
Actor	7
Language	7
Catergory	7
Address	8
City	8
I5.Country	8




# ENTITY RELATIONSHIP DIAGRAM







## LEGEND




	Primary Key
	Foreign Key



## Fact Table



Rental					
Key	Column	Data type	Description	Link From	Link To
	rental_id	SERIAL	Number assigned to the rental	payment	
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental		
	Inventory_id	INTEGER	The number assigned to the item on the table		Inventory
	Customer_id	SMALLINT	Number assigned to the customer		Customer
	Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of return		
	Staff_id	SMALLINT	Number assigned to staff		Staff
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		



## Dimension Tables



Payment					
Key	Column	Data Type	Description	Link from	Link To
	payment_id	SERIAL	Number assigned to the payment		
	customer_id	SMALLINT	Number assigned to customers		Customer
	staff_id	SMALLINT	Number assigned to staff		Staff
	rental_id	INTEGER	Number assigned to the rental		Rental
	amount	NUMERIC(5,2)	Amount paid		
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment		



Store					
Key	Column	Date Type	Description	Link From	Link To
	store_id	SERIAL	Number assigned to store		
	manager-staff-id	SMALLINT	Number assigned to staff that are managers		Staff
	address_id	SMALLINT	Number assigned to store address		Address
	Last_update	TIMESTAMP(6) WITHOUT ZONE	Date and time of update		



	Film_actor				
Key	Column	Date Type	Description	Link From	Link To
	actor_id	SMALLINT	Number assigned to the actor		Actor
	film_id	SMALLINT	Number assigned to the film		Film
	Last_update	TIMESTAMP(6) WITHOUT ZONE	Date and time of update		


	Inventory				
Key	Column	Date Type	Description	Link From	Link To
	Inventory_id	SERIAL	Number assigned to items	Rental	
	Film_id	SMALLINT	Number assigned to film		Film
	Store_id	SMALLINT	Number assigned to store		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		


	Film_Category				
Key	Column	Data Type	Description	Link From	Link To
	film_id	SMALLINT	Number assigned to film		Film
	Category_id	SMALLINT	Number assigned to category/genre		Category
	Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date and time of update		


	Customer				
Key	Column	Data Type	Description	Link From	Link To
	customer_id	SERIAL	Number assigned to customer	Payment, Rental	
	Store_id	SMALLINT	Number assigned to store		
	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_id	SMALLINT	Number assigned to address		Address
	activebool	BOOLEAN	Customer's active status		
	Create_date	DATE	Date created		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		
	active	INTEGER	Customer's active status		



	Staff				
Key	Column	Data Type	Description	Link From	Link To
	Staff_id	SERIAL	Number assigned for staff	Payment, Rental, Store	
	First_name	CHARACTER VARYING(45)	Staff's first name		
	Last_name	CHARACTER VARYING(45)	Staff's last name		
	Address_id	SMALLINT	Number assigned for staff address		Address
	email	CHARACTER VARYING(50)	Staff's email		
	Store_id	SMALLINT	Number assigned to store		
	active	BOOLEAN	Staffs' active status		
	username	CHARACTER VARYING(16)	Staffs' username		
	password	CHARACTER VARYING(40)	Staffs' password		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		
	picture	BYTEA	Staffs' picture		



	Film				
Key	Column	Data Type	Description	Link From	Link To
	Film_id	SERIAL	Number assigned film	Inventory, Film_category	
	title	CHARACTER VARYING(255)	Film title		
	description	TEXT	Film description		
	Release_year	YEAR	Year film was released		
	Language_id	SMALLINT	Number assigned to language		Language
	Rental_duration	SMALLINT	How long the films are rented for		
	Rental_date	NUMERIC(4,2)	Date of rental		
	length	SMALLINT	Length of film		
	Replacement_cost	NUMERIC(5,2)	The amount it cost to replace a film.		
	rating	mpaa_rating	Film rating		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		
	Special_features	TEXT[]	Special features included in the film		
	fulltext	TSVECTOR	Keywords associated with the film		


	<b>Actor</b>				
<b>Key</b>	<b>Column</b>	<b>Data Type</b>	<b>Description</b>	<b>Link From</b>	<b>Link to</b>
	Actor_id	SERIAL	Number assigned to actor	Film_actor	
	First_name	CHARACTER VARYING(45)	Actor's first name		
	Last_name	CHARACTER VARYING(45)	Actors' last name		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		

	<b>Language</b>				
<b>Key</b>	<b>Column</b>	<b>Data Type</b>	<b>Description</b>	<b>Link From</b>	<b>Link To</b>
	Language_id	SERIAL	Number assigned to language	Film	
	name	CHARACTER(20)	Name of language		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		

	<b>Category</b>				
<b>Key</b>	<b>Column</b>	<b>Data Type</b>	<b>Description</b>	<b>Link From</b>	<b>Link To</b>
	Category_id	SERIAL	Number assigned to category	Film_category	
	name	CHARACTER VARYING(25)	Name of category		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update		

	<b>Address</b>				
Key	Column	Data Type	Description	Link From	Link To
	address_id	SERIAL	Number assigned to address	Customer, Staff, Store	
	address	CHARACTER VARYING(50)	Street address		
	Address2	CHARACTER VARYING(50)	Supplementary address		
	district	CHARACTER VARYING(20)	District		
	City_id	SMALLINT	Number assigns to city		City
	Postal_code	CHARACTER VARYING(10)	Postal code		
	phone	CHARACTER VARYING(20)	Phone number		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		

	<b>City</b>				
Key	Column	Data Type	Description	Link From	Link To
	City_id	SERIAL	Number assigned to city	Address	
	city	CHARACTER VARYING(50)	City's name		
	Country_id	SMALLINT	Number assigned to country		Country
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		

	<b>Country</b>				
Key	Column	Data Type	Description	Link From	Link To
	Country_id	SERIAL	Number assigned to country	City	
	country	CHARACTER VARYING(50)	Country name		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of update		