

ROCKBUSTER STEALTH

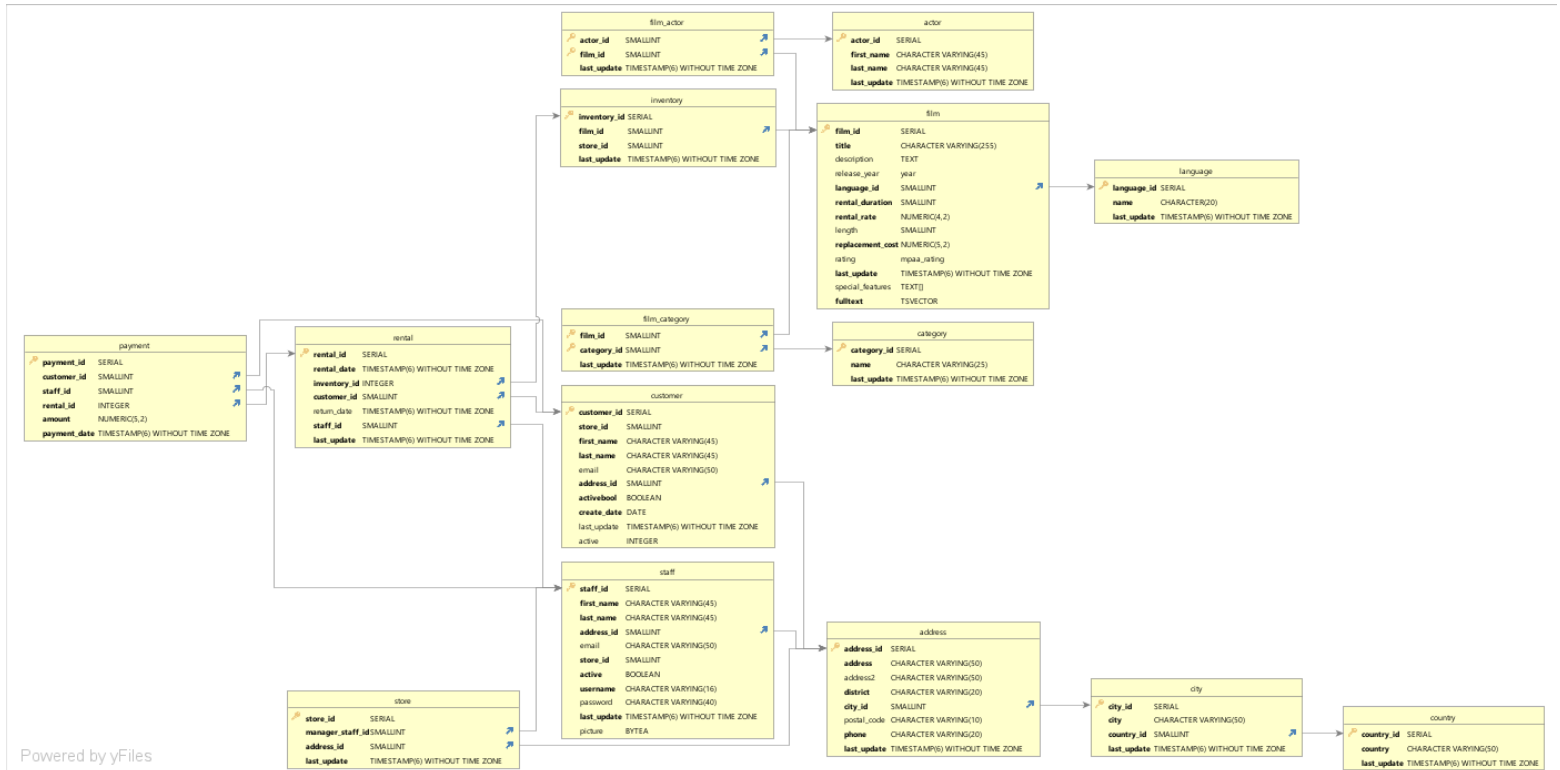
DATA DICTIONARY

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ENTITY RELATIONSHIP DIAGRAM (ERD)







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Legend

	Primary Key
	Foreign Key





Fact Table

Payment



	Columns	Data type	Description	Links
	payment_id	SERIAL	Payme unique identification number	
	costumer_id	SMALLINT	Unique identification number of the customer that did the payment	Customer
	staff_id	SMALLINT	Unique identification number of staff member that did the transaction	Staff
	rental_id	INTEGER	Unique identification number of each rental transaction	Rental
	amount	NUMERIC(5,2)	Price paid for the rental	
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date when the payment was issued	

Dimension Tables


Rental

	Rental			
	Columns	Data type	Description	Links
	rental_id	SERIAL	Rental transaction unique identification number	Payment
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date when the rental was made	
	inventory_id	INTERGER	Unique identification number of the inventory rented	Inventory
	costumer_id	SMALLINT	Costumer unique identification number that did the transaction	Customer
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date when the movie was returned to the store	
	staff_id	SMALLINT	Staff member identification number that did the transaction	Staff
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	



Film Category

	Film_category			
	Columns	Data type	Description	Links
	film_id	SERIAL	Film unique identification number	Film
	category_id	CHARACTER VARYING(25)	Movie category identification number	Category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	




Category

	Columns	Data type	Description	Links
	category_id	SERIAL	Movie category identification number	Film category
	name	SMALLINT	Category name	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	


Film Actor

		Film_actor		
	Columns	Data type	Description	Links
	actor_id	SMALLINT	Actor unique identification number	Actor
	film_id	SMALLINT	Film unique identification number	Film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	



Inventory

	Columns	Data type	Description	Links
	inventory_id	SERIAL	Inventory unique identification number	Rental
	film_id	SMALLINT	Film unique identification number	Film
	store_id	SMALLINT	Store unique identification number	Store
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	


Actor

	Actor			
	Columns	Data type	Description	Links
	actor_id	SERIAL	actor unique identification number	Film actor
	first_name	CHARACTER VARYING (45)	Actor first name	
	last_name	CHARACTER VARYING (45)	Actor last name	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	




Film

	Columns	Data type	Description	Links
	film_id	SERIAL	Film unique identification number	Film actor, film category, inventory
	title	CHARACTER VARYING(25)	Film title	
	description	TEXT	Film short description	
	release_year	year	Film release year	
	language_id	SMALLINT	Language unique identification number that the films is dub	Language
	rental_duration	SMALLINT	Duration of the rental of the film	
	rental_rate	NUMERIC(4,2)	How often the film is rented	
	length	SMALLINT	Lenght of the movie	
	replacement_cost	NUMERIC(5,2)	Cost of the film to the store	
	rating	mpaa_rating	Movie rating	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	
	special_feature	TEXT	Any special features in the film	
	fulltext	TSVECTOR	Keywords associated with film	




Language

	Language			
	Columns	Data type	Description	Links
	language_id	SERIAL	Language unique identification number that the films is dub	Film
	name	CHARACTER(20)	Name of the language	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	



Customer

	Columns	Data type	Descripton	Links
	customer_id	SERIAL	Customer unique identification number	Payment, Rental
	store_id	SMALLINT	Store unique identification number	Store
	first_name	CHARACTER VARYING(45)	Customers first name	
	last_name	CHARACTER VARYING(45)	Customers last name	
	email	CHARACTER VARYING(50)	Costumers email	
	address_id	SMALLINT	Address unique identification number	Address
	activebool	BOOLEAN	Wheter the customer is active or not	
	create_date	DATE	Date that the customer was added to the system	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	
	active	INTEGER	Membership status	



Staff

	Columns	Data type	Description	Links
	staff_id	SERIAL	Staff member unique identification number	Payment, Rental
	first_name	CHARACTER VARYING(45)	Staff members first name	
	last_name	CHARACTER VARYING(45)	Staff members last name	
	address_id	SMALLINT	Staff members address unique identification number	Address
	email	CHARACTER VARYING(50)	Staff members email	
	store_id	SMALLINT	Store unique identification number	Store
	active	BOOLEAN	Wheter or not the staff member is active	
	username	CHARACTER VARYING(16)	Staff members username	
	password	CHARACTER VARYING(40)	Staff members password	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	
	picture	BYTEA	Picture of the staff member	



Store

	Columns	Data type	Description	Links
	store_id	SERIAL	Store unique identification number	Customer, Inventory, Staff
	manager_staff_id	SMALLINT	Staff manager unique identification number	
	address_id	SMALLINT	Adress unique identification number	Address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	


Address

	Columns	Data type	Description	Links
	address_id	SERIAL	Address unique identification number	Customer, Staff, Store
	address	CHARACTER VARYING(50)	Store address	
	address2	CHARACTER VARYING(50)	Secondary store address if applicable	
	district	CHARACTER VARYING(20)	Store disctrict	
	city_id	SMALLINT	City unique identification number where the store is located	City
	postal_code	CHARACTER VARYING(10)	Spotal code of the store location	
	phone	CHARACTER VARYING(20)	Store phone number	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

City

	City		
	Columns	Data type	Description
	city_id	SERIAL	city unique identification number
	city	CHARACTER VARYING(50)	City where the store is located
	country_id	SMALLINT	Contry unique identification number where the store is located
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry

Country

	Country			
	Columns	Data type	Description	Links
	country_id	SERIAL	Country unique identification number where the store is located	City
	country	CHARACTER VARYING(50)	Country where the store is located	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	