



ROCKBUSTER STEALTH

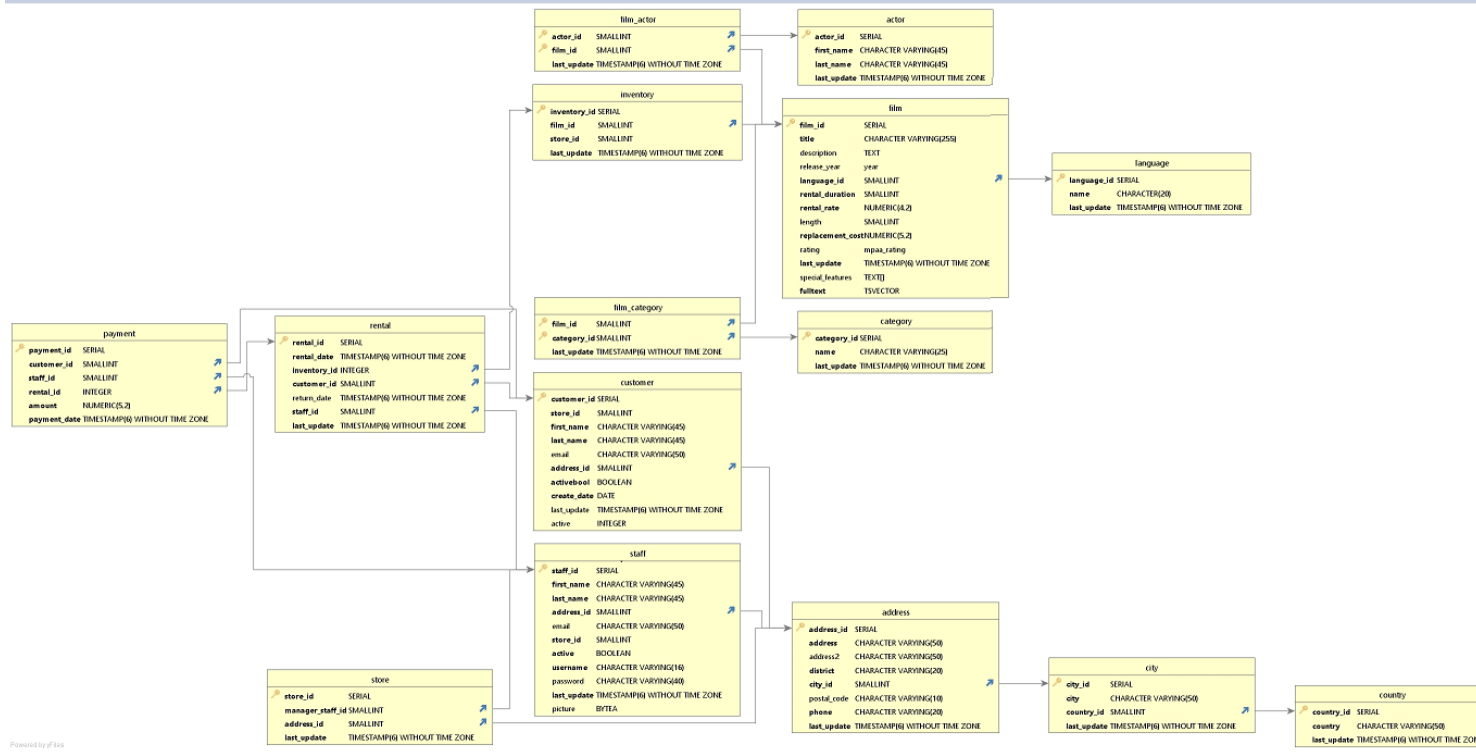
Data Dictionary




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1. ERD







2. Legend

 Primary key





 Foreign key

3. Fact Table

a. Rental

Key	Columns	Data Type	Description	Link to
	rental_id	SERIAL	Rental identification key	
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the rental (begining)	
	inventory_id	INTEGER	Inventory identification key	Inventory
	customer_id	SMALLINT	Customer identification key	customer
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of the rental (end)	
	staff_id	SMALLINT	Staff identification key	staff
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	



b. Payment

Key	Columns	Data Type	Description	Link to
	payment_id	SERIAL	Payment identification key	
	customer_id	SMALLINT	Customer identification key	customer
	staff_id	SMALLINT	Staff identification key	staff
	rental_id	INTEGER	Rental identification key	rental
	amount	NUMERIC(5,2)	Price of the rental	
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Payment date of the rental#	



4. Dimension Tables

a. About Films


i. Film

Key	Columns	Data Type	Description	Link to
	film_id	SERIAL	Film identification key	
	title	CHARACTER VARYING(25)	Title of the film	
	description	TEXT	Summary of the film	
	release_year	YEAR	Release year of the film	
	language_id	SMALLINT	Language identification key	language
	rental_duration	SMALLINT	Calculation between rental_date and return_date	
	rental_rate	NUMERIC(4.2)	Amount to calculate price	
	length	SMALLINT	Duration of the film	
	replacement_cost	NUMERIC(5.2)	Price to pay in case of lost	
	rating	mpaa_rating	Film rating	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	
	special_features	TEXT[]	Special features of the film (extras)	
	fulltext	TSVECTOR		



ii. Film Actor

Key	Columns	Data Type	Description	Link to
	actor_id	SMALLINT	Actor identification key	
	film_id	SMALLINT	Film identification key	film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	


iii. Actor

Key	Columns	Data Type	Description	Link to
	actor_id	SERIAL	Actor identification key	
	first_name	CHARACTER VARYING(45)	Name of the actor	
	last_name	CHARACTER VARYING(45)	Last name of the actor	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	


iv. Film category

Key	Columns	Data Type	Description	Link to
	film_id	SMALLINT	Film identification key	
	category_id	SMALLINT	Category identification key	category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

v. Category



Key	Columns	Data Type	Description	Link to
	category_id	SERIAL	Category identification key	
	name	CHARACTER VARYING(25)	Name of the category	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

vi. Language




Key	Columns	Data Type	Description	Link to
	language_id	SERIAL	Language identification key	
	name	CHARACTER(20)	Name of the language	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

b. About stores



i. Store

Key	Columns	Data Type	Description	Link to
	store_id	SERIAL	Store identification key	
	manager_staff_id	SMALLINT	Manager identification key (there is no table for managers)	
	address_id	SMALLINT	Address identification key	address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

ii. Staff



Key	Columns	Data Type	Description	Link to
	staff_id	SERIAL	Staff identification key	
	first_name	CHARACTER VARYING(45)	Name of the person (Staff)	
	last_name	CHARACTER VARYING(45)	Last name of the person (Staff)	
	address_id	SMALLINT	Address identification key	address
	email	CHARACTER VARYING(50)	Email of the person (Staff)	
	store_id	SMALLINT	Store identification key	store
	active	BOOLEAN	Active/No active (contract of the staff)	
	username	CHARACTER VARYING(16)	username on the system	
	password	CHARACTER VARYING(40)	password on the system	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	
	picture	BYTEA	Picture/No picture (contrpic of the staff)	

iii. Inventory



Key	Columns	Data Type	Description	Link to
	inventory_id	SERIAL	Inventory identification key	
	film_id	SMALLINT	Film identification key	film
	store_id	SMALLINT	Store identification key	store
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

c. About Address


i. Address

Key	Columns	Data Type	Description	Link to
	adress_id	SERIAL	Address identification key	
	address	CHARACTER VARYING(50)	Address description (1)	
	adress2	CHARACTER VARYING(50)	Address description (2)	
	district	CHARACTER VARYING(20)	District of the address	
	city_id	SMALLINT	City of the address	city
	postal_code	CHARACTER VARYING(10)	Postal code of the address	
	phone	CHARACTER VARYING(20)	Phone of the address	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

ii. City

Key	Columns	Data Type	Description	Link to
	city_id	SERIAL	City identification key	
	city	CHARACTER VARYING(50)	City name	
	country_id	SMALLINT	Country identification key	country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	

iii. Country

Key	Columns	Data Type	Description	Link to
	country_id	SERIAL	Country identification key	
	country	CHARACTER VARYING(50)	Country name	
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update of the data entry	