ROCKBUSTER STEALTH LLC

DATA DICTIONARY

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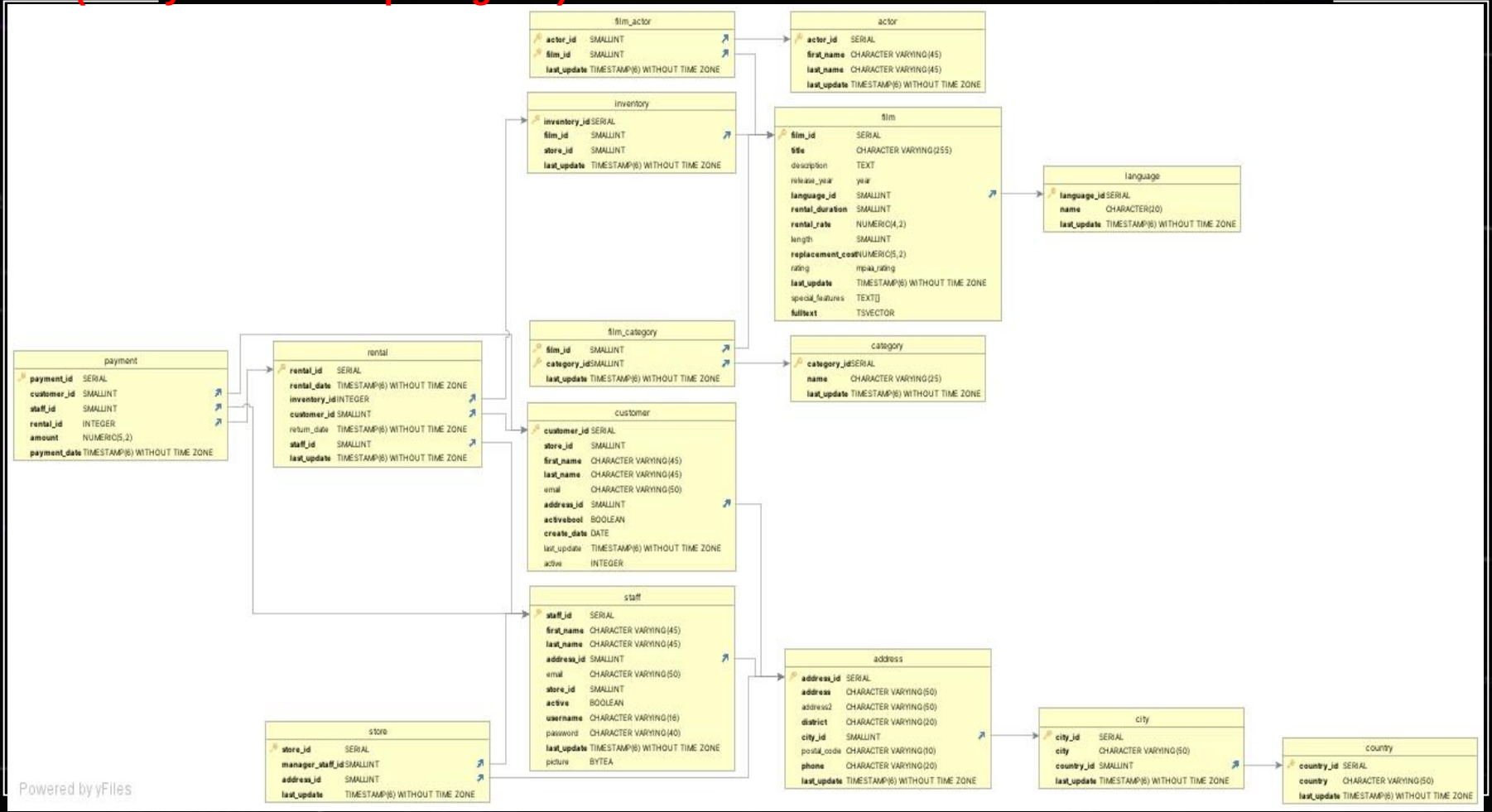
ERD (Entity Relationship Diagram)



DATA DICTIONARY

FACT TABLES

Payment

Key	Column	Data Type	Description	Links
PK	payment_id	serial	Provides id for each payment made for each film	
FK	customer_id	smallint	Provide the id of the customer	customer
FK	staff_id	smallint	Provides the staff id who process the transaction	staff
FK	rental_id	integer	Provides id for each film rental made	rental
	amount	numeric	Provides the amount paid	
	payment_date	timestamp without time zone	Provides the time the payment was made	

Rental

Key	Column	Data Type	Description	Links
PK	rental_id	integer	Provides the rental id number	inventory
	rental_date	timestamp without time zone	Provides the date the rental is made	
FK	inventory_id	integer	Provides the inventory id number	inventory
FK	customer_id	smallint	Provides the customer id number	customer
	return_date	timestamp without time zone	Provides the date the film is returned	
FK	staff_id	smallint	Provides the staff id	staff
	last_update	timestamp without time zone	Provides the last time the table is updated	

DIMENSION TABLES

Actor

Key	Column	Data Type	Description	Links
PK	actor_id	integer	Provides a serial integer id to the actors	film_actor
	first_name	character varying	Provides the first name of the actor	
	last_name	character varying	Provides the last name of the actor	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Address

Key	Column	Data Type	Description	Links
PK	address_id	integer	Provides a serial integer to each address	city
	address	character varying	Provides the address of the customer.	
	address2	character varying	This column is meant to provide additional second address of the customer.	
	district	character varying	Provides the district address of the customer	
FK	city_id	smallint	Provides the id of the city.	
	postal_code	character varying	Provides the postal code of the address	
	phone	character varying	Provides the phone number of the customer	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Category

Key	Column	Data Type	Description	Links
PK	category_id	integer	Provides a serial integer to each film category	film_category
	name	character varying	Provides the different film genres/categories	
	last_update	timestamp without time zone	Provides the last time the table is updated	

City

Key	Column	Data Type	Description	Links
PK	city_id	integer	Provides a serial integer to each city	address
	city	character varying	Provides a city name	
	country_id	smallint	Provides the country in which the city is found	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Country

Key	Column	Data Type	Description	Links
PK	country_id	integer	Provides a serial integer to each country	city
	country	character varying	Provides a list of countries in the world	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Customer

Key	Column	Data Type	Description	Links
PK	customer_id	integer	Provides the id number of the customer	payment, rental
	store_id	smallint	Provides the id number of the store	
	first_name	character varying	Provides the first name of the customer	
	last_name	character varying	Provides the last name of the customer	
	email	character varying	Provides the email of the customer	
FK	address_id	smallinte	Provides the address id number of the customer	address
	activebool	boolean	Provides if the customer is registered correctly	
	create_date	date	Provides the time the customer is registered	
	last_update	timestamp without time zone	Provides the last time the table is updated	
	active	integer	Provides if the customer is active or not, in number values 1 or 0	

Film

Key	Column	Data Type	Description	Links
PK	film_id	integer	Provides the id of the film	film_actor, film_category_inventory
	title	character varying	Provides the title of the film	
	description	text	Provides a brief description of what the film is about	
	release_year	integer	Provides the year in which the film was released	
	language_id	smallint	Provide the language id in which the film was made	language
	rental_duration	smallint	Provides the duration for which the rental is made	
	rental_rate	numeric	Provides the monetary rate at which the rental is made	
	length	smallint	Provides the length of the film in minutes	
	replacement_cost	numeric	Provides how much it costs to replace the film	
	rating	user-defined	Provides the mpaa ratings of the film	
	last_update	timestamp without time zone	Provides the last time the film table is updated	
	special_features	array	Provides any special scenes in the film	
	fulltext	tsvector	Provides the full text of the special features	

Film_actor

Key	Column	Data Type	Description	Links
PK	actor_id	smallint	Provides numerical id of the actor	actor
FK	film_id	smallint	Provides numerical id of the film	film
	last_update	timestamp without time zone	Provides the time the actor's name is updated in the database	

Film_category

Key	Column	Data Type	Description	Links
PK	film_id	smallint	Assigns a serial integer value to each new film	film
	category_id	smallint	Provides a category number for a film	category
	last_update	timestamp without time zone	Provides the last time the table is updated	

Inventory

Key	Column	Data Type	Description	Links
PK	inventory_id	integer	Provides an id to the inventory	rental
	film_id	smallint	Provides id number of the film	film,store
	store_id	smallint	Provides the store id.	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Language

Key	Column	Data Type	Description	Links
PK	language_id	integer	Provides the id number of the language in which the film is made	film
	name	character(20)	Provides the language name	
	last_update	timestamp without time zone	Provides the last time the table is updated	

Staff

Key	Column	Data Type	Description	Links
PK	staff_id	integer	Provides the id number of the staffs	rental, payment,store
	first_name	character varying	Provides the first name of the staff	
	last_name	character varying	Provides the last name of the staff	
FK	address_id	smallint	Provides the address id number of the staff	address
	email	character varying	Provides the email of the staff	
	store)_id	smallint	Provides the store id number the staff works at	
	activebool	boolean	Provides if the data is correct.	
	username	character varying	Provides the username	
	password	character varying	Provides the password	
	last_update	timestamp without time zone	Provides the last time the table is updated	
	picture	bytes	Provides photograph of the staff	

Store

Key	Column	Data Type	Description	Links
PK	store_id	integer	Provides the id of the store	inventory, staff
FK	manager_staff_id	smallint	Provides the code for the manager of the staff.	staff
FK	address_id	smallint	Provides the address id number of each store	address
	last_update	timestamp without time zone	Provides the last time the table is updated	