



Rockbuster Stealth LLC

Data Dictionary

LUCA VERDERIO

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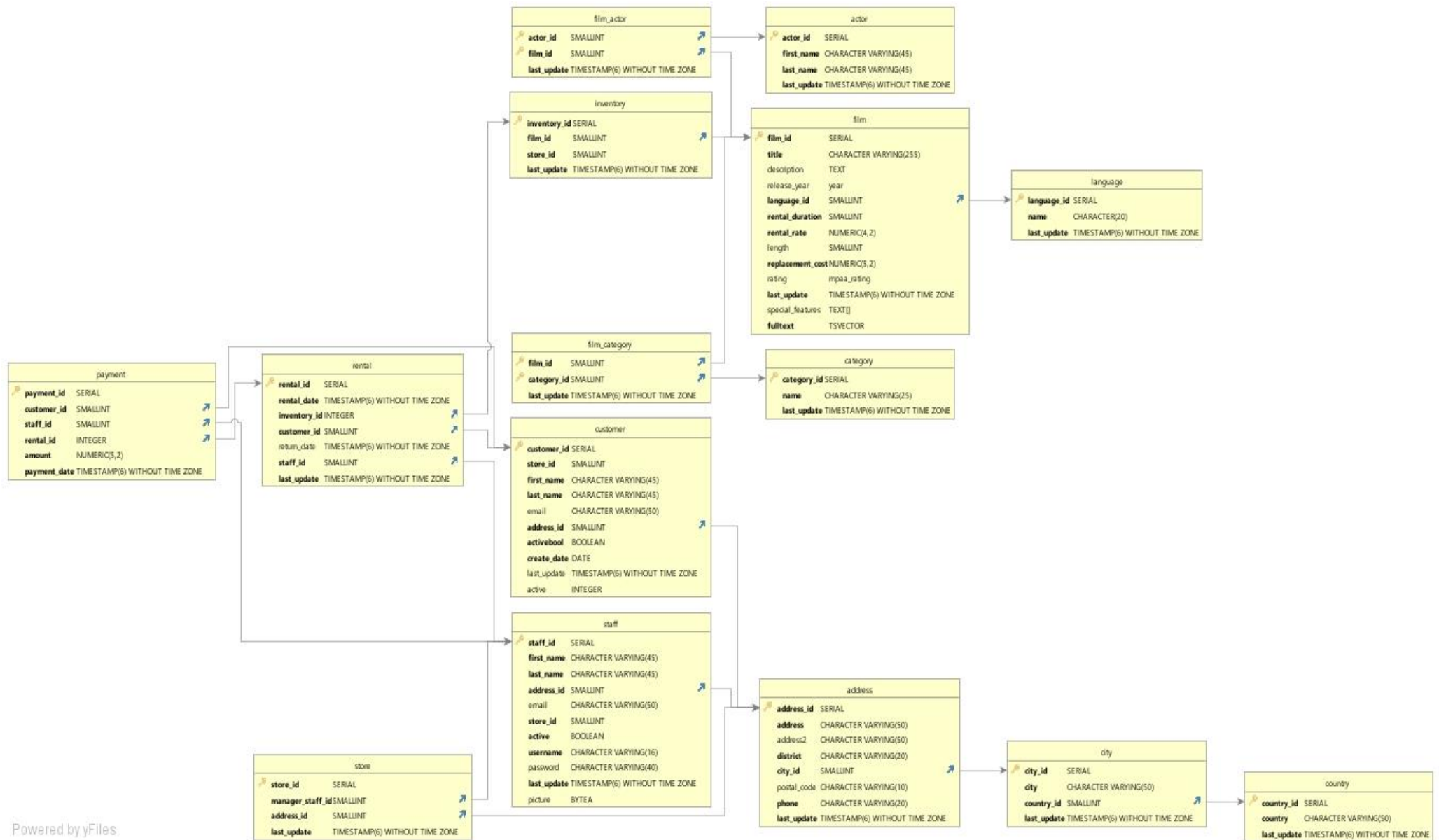
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Legend





Symbol	Meaning
	Primary key
	Foreign key

1. Entity Relationship Diagram (ERD)







2. Fact tables

2.1 Rental




Column	Data Type	Description	Key	Links to	Links from
rental_id	Serial	Rental identification number			payment
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Rental date			
inventory_id	INTEGER	Inventory identification number		inventory	
customer_id	SMALLINT	Customer's identification number		customer	
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Rental return date			
staff_id	SMALLINT	Employee's identification number		staff	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

2.2 Payment



Column	Data Type	Description	Key	Links to	Links from
payment_id	SERIAL	Payment identification number			
customer_id	SMALLINT	Customer's identification number		customer	
staff_id	SMALLINT	Employee's identification number		staff	
rental_id	INTEGER	Rental identification number		rental	
amount	NUMERIC(5,2)	Amount paid			
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Payment date			

3. Dimension tables



3.1 Store

Column	Data Type	Description	Key	Links to	Links from
store_id	SERIAL	Store identification number			
manager_staff_id	SMALLINT	Store manager identification number		staff	
address_id	SMALLINT	Address identification number		address	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			



3.2 Customer

Column	Data Type	Description	Key	Links to	Links from
customer_id	SERIAL	Customer's identification number			payment, rental
store_id	SMALLINT	Store identification number			
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	Customer's address identification number		address	
activebool	BOOLEAN	Customer's active status			
create_date	DATE	Customer's registration date			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
active	INTEGER	Customer's active status			



3.3 Staff

Column	Data Type	Description	Key	Links to	Links from
staff_id	SERIAL	Employee's identification number			rental, payment, store
first_name	CHARACTER VARYING(45)	Employee's first name			
last_name	CHARACTER VARYING(45)	Employee's last name			
address_id	SMALLINT	Employee's address identification number		address	
email	CHARACTER VARYING(50)	Employee's email address			
store_id	SMALLINT	Store identification number			
active	BOOLEAN	Employee's active status			
username	CHARACTER VARYING(16)	Employee's username			
password	CHARACTER VARYING(40)	Employee's password			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
picture	BYTEA	Employee's picture			


3.4 Address

Column	Data Type	Description	Key	Links to	Links from
address_id	SERIAL	Address identification number			customer, staff, store
address	CHARACTER VARYING(50)	Street address			
address2	CHARACTER VARYING(50)	Street address – second line			
district	CHARACTER VARYING(20)	District			
city_id	SMALLINT	City identification number		city	
postal_code	CHARACTER VARYING(10)	Postal code			
phone	CHARACTER VARYING(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			



3.5 City

Column	Data Type	Description	Key	Links to	Links from
city_id	SERIAL	City identification number			city
city	CHARACTER VARYING(50)	City name			
country_id	SMALLINT	Country identification number		country	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			



3.6 Country

Column	Data Type	Description	Key	Links to	Links from
country_id	SERIAL	Country identification number			city
country	CHARACTER VARYING(50)	Country name			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			


3.7 Inventory

Column	Data Type	Description	Key	Links to	Links from
inventory_id	SERIAL	Inventory identification number			rental
film_id	SMALLINT	Film identification number		film	
store_id	SMALLINT	Store identification number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			





3.8 Film

Column	Data Type	Description	Key	Links to	Links from
film_id	SERIAL	Film identification number			film_actor, inventory, film_category
title	CHARACTER VARYING(255)	Film's title			
description	TEXT	Film's description			
release_year	year	Release year			
language_id	SMALLINT	Language identification number		language	
rental_duration	SMALLINT	Rental duration			
rental_rate	NUMERIC(4,2)	Rental price			
length	SMALLINT	Film length			
replacement_cost	NUMERIC(5,2)	Film replacement cost			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
special_features	TEXT[]	Special features			
fulltext	TSVECTOR	Keywords			


3.9 Language

Column	Data Type	Description	Key	Links to	Links from
language_id	SERIAL	Language identification number			film
name	CHARACTER(20)	Language name			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			





3.10 Film_actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SMALLINT	Actor's identification number	 	actor	
film_id	SMALLINT	Film identification number	 	film	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			


3.11 Actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SERIAL	Actor's identification number			film_actor
first_name	CHARACTER VARYING(45)	Actor's first name			
last_name	CHARACTER VARYING(45)	Actor's last name			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.12 Film_category

Column	Data Type	Description	Key	Links to	Links from
film_id	SMALLINT	Film identification number	 	film	
category_id	SMALLINT	Film category number	 	category	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.13 Category

Column	Data Type	Description	Key	Links to	Links from
category_id	SERIAL	Category identification number			film_category
name	CHARACTER VARYING(25)	Category name			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			