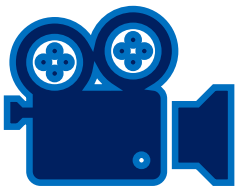


ROCKBUSTER STEALTH

DATA DICTIONARY

AUGUST 24, 2023

VERSION 1.001 | JEAN-CLAUDE DU SART

Table of Contents

Cover .....

Table of Contents 1

Rockbuster Entity Relationship Diagram 2

Fact Tables

payment Table 3

rental Table 3

Dimension Tables

inventory Table 4

actor Table 4

film actor Table 5

store Table 5

customer Table 5

film Table 6

language Table 6

category Table 6

film category Table 7

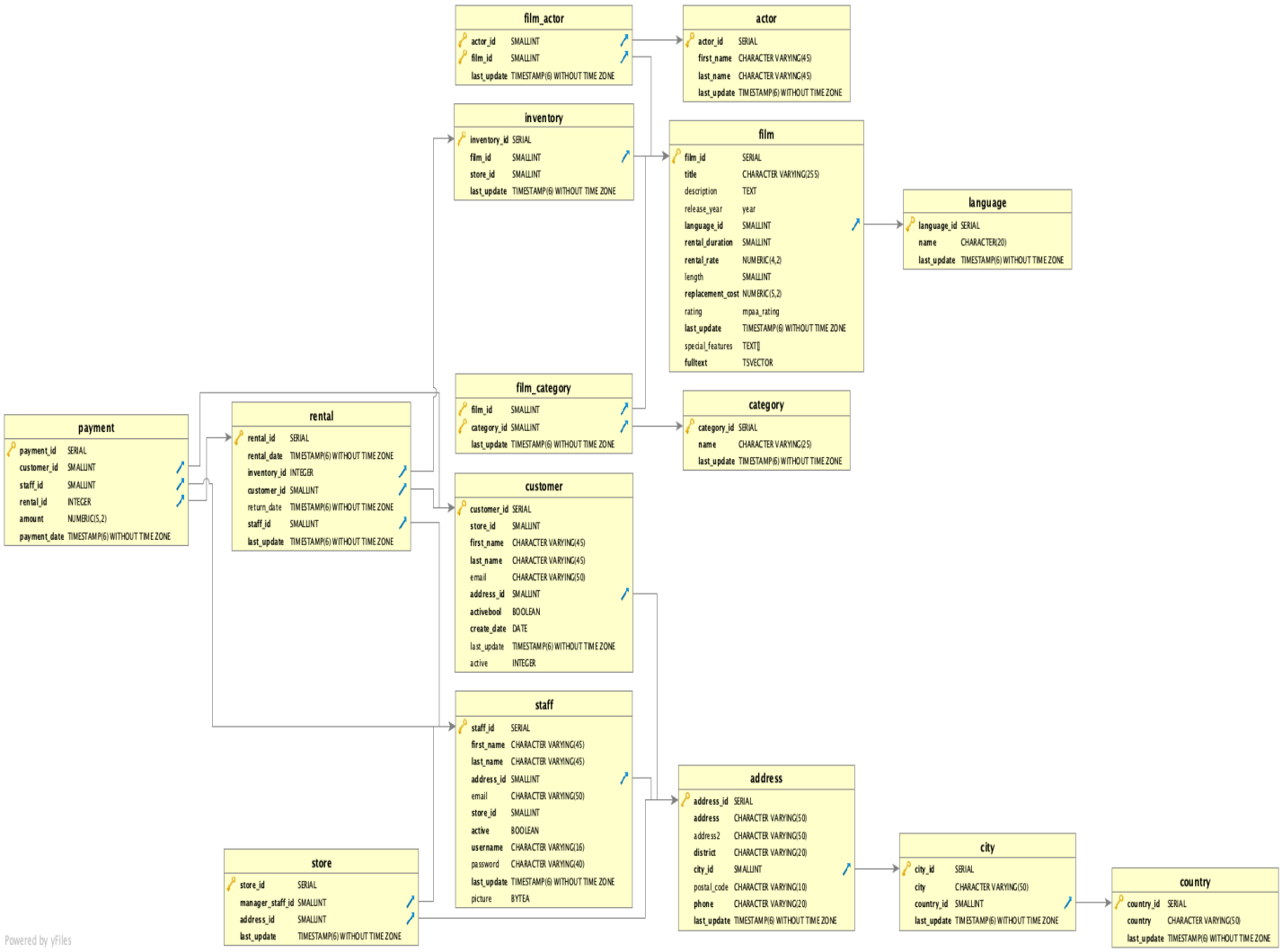
country Table 7

city Table 7

address Table 8

staff Table 8

ROCKBUSTER – Entity Relationship Diagram



Primary Key

Foreign Key

Fact Tables

- payment
- rental

payment

Keys	Column	Data Type	Description	Table link
	payment_id	serial	unique id for payment	
	customer_id	smallint	unique id for customer	to customer
	staff_id	smallint	unique id for staff	to staff
	rental_id	integer	unique id for rental	to rental
	amount	numeric (5,2)	cost in numeric with 2 decimal places	
	payment_date	timestamp (6) without the time zone	date and time of payment last updated	

rental

Keys	Column	Data Type	Description	Table link
	rental_id	serial	unique id for rental	from payment
	rental_date	timestamp (6) without the time zone	date and time of rental date	
	inventory_id	integer	unique id for inventory	to inventory
	customer_id	smallint	unique id for customer	to customer
	return_date	timestamp (6) without the time zone	date and time of rental return	
	staff_id	smallint	unique id for staff	to staff
	Last_update	timestamp (6) without the time zone	date and time of rental last updated	

Dimension Tables

- inventory
- actor
- film actor
- store
- customer
- film
- language
- category
- film category
- country
- city
- address
- staff

inventory

Keys	Column	Data Type	Description	Table link
	inventory_id	integer	unique ID for inventory	from rental
	film_id	smallint	unique ID for actor	to film
	Store_id	smallint	unique ID for film	
	last_update	timestamp (6) without the time zone	date and time of inventory last updated	

actor

Keys	Column	Data Type	Description	Table link
	actor_id	serial	unique ID for actor	from film_actor
	first_name	character varying (45)	First Name of Actor (Max 45 characters)	
	last_name	character varying (45)	Last Name of Actor (Max 45 characters)	
	last_update	timestamp (6) without the time zone	date and time of actor last updated	

Film_actor				
Keys	**Column**	**Data Type**	**Description**	**Table link**
	actor_id	smallint	unique id for actor	to actor
	film_id	smallint	unique id for film	to film
	last_update	timestamp (6) without the time zone	date and time of film actor last updated	

store				
Keys	**Column**	**Data Type**	**Description**	**Table link**
	store_id	serial	unique id for store	
	manager_staff_id	smallint	unique id for staff manager	to staff
	address_id	smallint	unique id for address	to address

customer				
Keys	**Column**	**Data Type**	**Description**	**Table link**
	customer_id	serial	unique id for customer	from payment, rental
	store_id	smallint	unique id for store	
	first_name	character varying (45)	first name of customer	
	last_name	character varying (45)	last name of customer	
	email	character varying (50)	customer email address	
	address_id	smallint	unique id for address	to address
	activebool	boolean	customer active or not	
	create_date	date	date that customer profile was created	
	last_update	timestamp (6) without the time zone	date and time of customer last updated	
	active	integer	active status of customer 1 or 0 (yes or no)	

film

Keys	Column	Data Type	Description	Table link
	film_id	serial	unique id for film	from inventory, film_actor, film_category
	title	character varying (255)	full title of film	
	description	text	description of film	
	release_year	year	release year of film	
	language_id	smallint	unique id for language	to language
	rental_duration	smallint	duration for rental	
	rental_rate	numeric (4,2))	rate for rental	
	length	smallint	length of film	
	replacement_cost	numeric (5,2)	cost for replacement	
	rating	mpaa_rating	rating of film	
	last_update	timestamp (6) without the time zone	date and time of film last updated	
	special_features	time []	special features of film	
	fulltext	tsvector	fulltext of film	

language

Keys	Column	Data Type	Description	Table link
	language_id	serial	unique id for film	from film
	name	character (20)	full title of film	
	last_update	timestamp (6) without the time zone	date and time of language last updated	

category

Keys	Column	Data Type	Description	Table link
	category_id	serial	unique id for category	from film_category
	name	character (20)	name of category	
	last_update	timestamp (6) without the time zone	date and time of category last updated	

film_category

Keys	Column	Data Type	Description	Table link
	film_id	smallint	unique ID for film	to film
	category_id	smallint	unique ID for category	to category
	last_update	timestamp (6) without the time zone	date and time of film_category last updated	

country

Keys	Column	Data Type	Description	Table link
	country_id	serial	unique id of city	from city
	country	character varying (50)	name of city	
	last_update	timestamp (6) without the time zone	date and time of country last updated	

city

Keys	Column	Data Type	Description	Table link
	city_id	serial	unique id of city	from address
	city	character varying (50)	name of city	
	country_id	smallint	unique id of country	
	last_update	timestamp (6) without the time zone	date and time of city last updated	

address				
Keys	**Column**	**Data Type**	**Description**	**Table link**
	address_id	serial	unique id of address	from store, staff, customer
	address	character varying (50)	address field 1	
	address2	character varying (50)	address field 2	
	district	character varying (20)	district of address	
	city_id	smallint	unique id of city	to city
	postal_code	character varying (10)	postal code for address	
	phone	character varying (20)	phone number	
	last_update	timestamp (6) without the time zone	date and time of address last updated	

staff				
Keys	**Column**	**Data Type**	**Description**	**Table link**
	staff_id	serial	unique id for staff	from payment, rental
	first_name	character varying (45)	first name of staff member	
	last_name	character varying (45)	last name of staff member	
	address_id	smallint	unique id for address	to address
	email	character varying (50)	staff member email address	
	store_id	smallint	unique id for store	
	active	boolean	status if staff member is employed	
	username	character varying (16)	staff members username	
	password	character varying (40)	staff members password	
	last_update	timestamp (6) without the time zone	date and time of staff last updated	
	picture	bytea	picture of staff member	