

Rockbuster Stealth LLC

DATA DICTIONARY

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TABLE OF CONTENTS

01 ENTITY RELATIONSHIP DIAGRAM

02 FACT TABLES PAYMENT, RENTAL

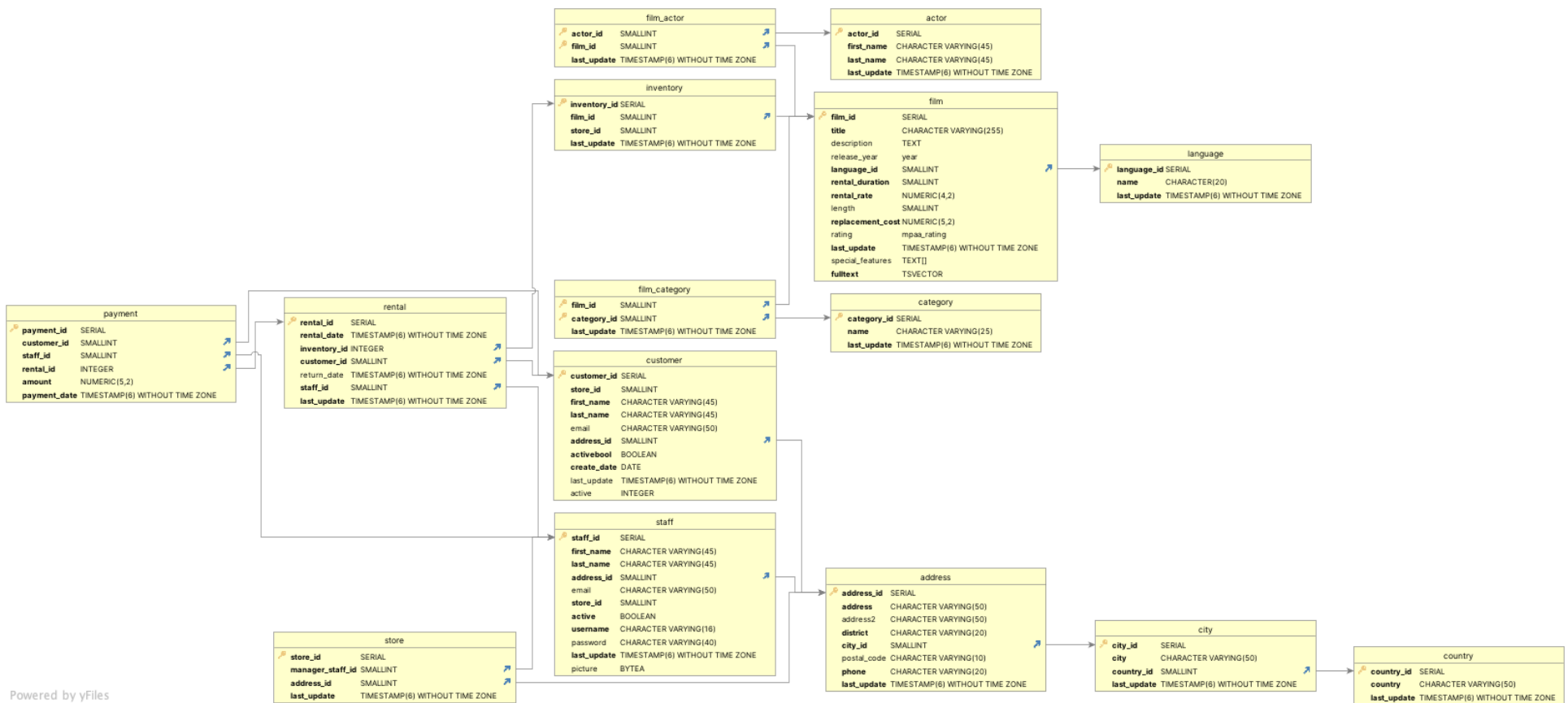
03 DIMENSION TABLES ACTOR, ADDRESS, CATEGORY, CITY, COUNTRY

04 DIMENSION TABLES CUSTOMER, FILM, FILM_ACTOR

05 DIMENSION TABLES FILM_CATEGORY, INVENTORY, LANGUAGE, STAFF, STORE

1 | Rockbuster Entity Relationship Diagram

GRAPHICAL REPRESENTATION DEPICTING RELATIONSHIPS AMONG ROCKBUSTER FILM DATABASE



Fact Tables

LEGEND











PRIMARY KEY



FOREIGN KEY


Store information about Rockbuster rental events.



payment	Column	Data Type	Description
Links to: customer, staff, rental	payment_id 	Serial	ID of the payment
	customer_id 	Smallint	ID of the customer
	staff_id 	Smallint	ID of the staff
	rental_id 	Integer	ID of the rental
	amount	Numeric(5,2)	Cost of the rental
	payment_date	Timestamp(6) without time zone	Date that the payment was made


rental	Column	Data Type	Description
Links from: payment	rental_id 	Serial	ID of the rental
	rental_date	Timestamp(6) without time zone	Start date of the rental
Links to: inventory, customer, staff	inventory_id 	Integer	ID of the movie inventory
	customer_id 	Smallint	ID of the customer
	return_date	Timestamp(6) without time zone	Date the movie was returned
	staff_id 	Smallint	ID of the staff
	last_update	Timestamp(6) without time zone	Date of last update of the table



Dimension Tables


Store information about entities involved in rental events.

actor	Column	Data Type	Description
Links from: film_actor	actor_id 	Serial	ID of actor
	first_name	Character varying (45)	Actor's first name
	last_name	Character varying (45)	Actor's last name
	last_update	Timestamp(6) without time zone	Date of last update of the table

address	Column	Data Type	Description
Links from: customer, staff, store	address_id 	Serial	ID of the address
	address	Character varying (50)	Address line 1
	address2	Character varying (50)	Address line 2
	district	Character varying (20)	District
Links to: city	city_id 	Smallint	City
	postal_code	Character varying (10)	Postal code
	phone	Character varying (20)	Phone number
	last_update	Timestamp(6) without time zone	Date of last update of the table

category	Column	Data Type	Description
Links from: film_category	category_id 	Serial	ID of the category
	name	Character varying (25)	Name of the category
	last_update	Timestamp(6) without time zone	Date of last update of the table

city	Column	Data Type	Description
Links from: address	city_id 	Serial	ID of the city
	city	Character varying (50)	City name
	country_id 	Smallint	ID of the country
Links to: country	last_update	Timestamp(6) without time zone	Date of last update of the table

country	Column	Data Type	Description
Links from: city	country_id 	Serial	ID of the country
	country	Character varying (50)	Country name
	last_update	Timestamp(6) without time zone	Date of last update of the table

Dimension Tables

customer	Column	Data Type	Description
Links from: rental	customer_id 🔑	Serial	ID of the customer
	store_id	Smallint	ID of the store
	first_name	Character varying (45)	Customer's first name
Links to: address	last_name	Character varying (45)	Customer's last name
	email	Character varying (50)	Customer's email address
	address_id 📍	Smallint	ID of the address
	activebool	Boolean	Whether the customer is active or not
	create_date	Date	Date the customer record was created
	last_update	Timestamp(6) without time zone	Date of last update of the table
	active	Integer	Active integer

film	Column	Data Type	Description
Links from: film_actor, inventory, film_category	film_id 🔑	Serial	ID of the film
	title	Character varying (255)	Title of the film
	description	Text	Description of the film
	release_year	Year	Year the film was released
Links to: language	language_id 📍	Smallint	ID of the language
	rental_duration	Smallint	Duration of the rental
	rental_rate	Numeric(4,2)	Cost of the rental
	length	Smallint	Length of the film
	replacement_cost	Numeric(5,2)	Cost to replace the rental if film not returned
	rating	Mpaa_rating	Movie rating
	last_update	Timestamp(6) without time zone	Date of last update of the table
	special_features	Text	Features of the film
	fulltext	Tsvector	Film index

film_actor	Column	Data Type	Description
Links to: actor, film	actor_id 🔑	Smallint	ID of the actor
	film_id 🔑	Smallint	ID of the film
	last_update	Timestamp(6) without time zone	Date of last update of the table

Dimension Tables

film_category	Column	Data Type	Description
Links to: film, category	film_id 🔑	Smallint	ID of the film
	category_id 🔑	Smallint	ID of the category
	last_update	Timestamp(6) without time zone	Date of last update of the table

inventory	Column	Data Type	Description
Links from: rental	inventory_id 🔑	Serial	ID of the movie inventory
	film_id ➡	Smallint	ID of the film
Links to: film	store_id	Smallint	ID of the store
	last_update	Timestamp(6) without time zone	Date of last update of the table

language	Column	Data Type	Description
Links from: film	language_id 🔑	Serial	ID of the language
	name	Character varying (20)	Language name
	last_update	Timestamp(6) without time zone	Date of last update of the table

staff	Column	Data Type	Description
Links from: rental, payment, store	staff_id 🔑	Serial	ID of the staff
	first_name	Character varying (45)	Staff's first name
	last_name	Character varying (45)	Staff's last name
	address_id ➡	Smallint	Staff's address
Links to: address	email	Character varying (50)	Staff's email address
	store_id ➡	Smallint	ID of the store
	activebool	Boolean	Whether the staff is active or not
	username	Character varying (16)	Staff's username
	password	Character varying (40)	Staff's password
	last_update	Timestamp(6) without time zone	Date of last update of the table
	picture	Bytea	Photo of staff

store	Column	Data Type	Description
Links to: staff, address	store_id 🔑	Serial	ID of the store
	manager_staff_id ➡	Smallint	ID of the manager
	address_id ➡	Smallint	ID of the address
	last_update	Timestamp(6) without time zone	Date of last update of the table