



ROCKBUSTER STEALTH

DATA DICTIONARY

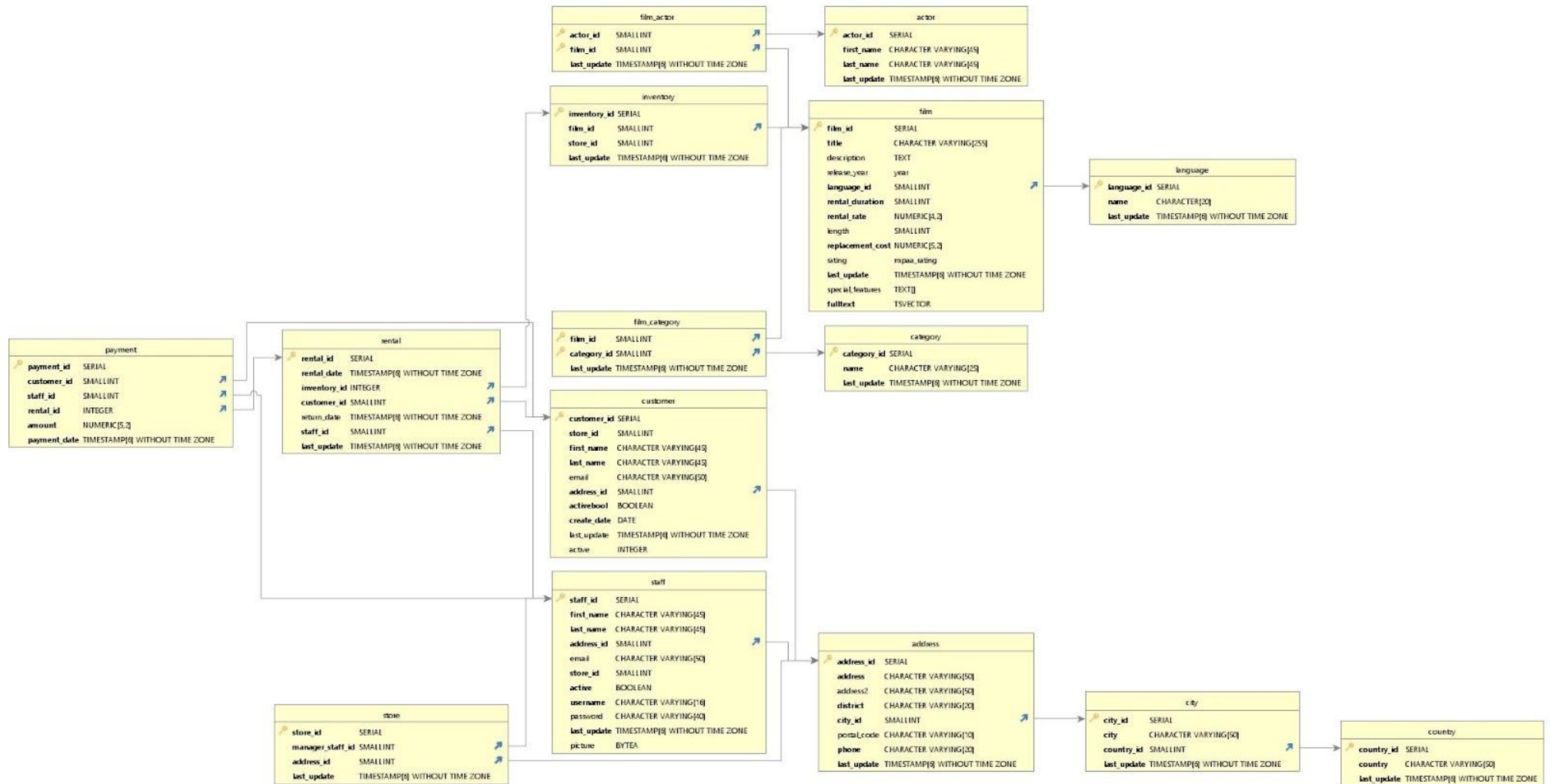


TABLE OF CONTENTS

Contents

Data Dictionary	1
ENTITY RELATIONSHIP DIAGRAM	3
FACT TABLE	4
Rental	4
DIMENSION TABLES	4
Payment	4
Store	5
Film Actor	5
Inventory	5
Film Category	6
Customer	6
Staff	7
Actor	7
Film	8
Category	8
Address	9
Language	9
City	10
Country	10

ENTITY RELATIONSHIP DIAGRAM





FACT TABLE

RENTAL

Column	Data Type	Description	Key	Links to	Links From
rental_id	SERIAL	Serial number assigned to rental	Primary		Payment
rental_date	TIMESTAMP(6)W/O TIME ZONE	Date and time of rental was checked out (w/o time zone)			
inventory_id	INTEGER	Number assigned to item on the table	Foreign	Inventory	
customer_id	SMALLINT	Number assigned to customer	Foreign	Customer	
return_date	TIMESTAMP(6)W/O TIME ZONE	Date and time of rental was checked in (w/o time zone)			
staff_id	SMALLINT	Employee ID number	Foreign	Staff	
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time the last entry was updated			



DIMENSION TABLES

PAYMENT

Column	Data Type	Description	Key	Links to	Links From
payment_id	SERIAL	Payment number	Primary		
customer_id	SMALLINT	Number assigned to customer	Foreign	Customer	
staff_id	SMALLINT	Employee ID number	Foreign	Staff	

rental_id	INTEGER	Serial number assigned to rental	Foreign	Rental	
amount	NUMERIC (52)	Amount paid			
payment_date	TIMESTAMP(6)W/O TIME ZONE	Date and time of payment			

STORE

Column	Data Type	Description	Key	Links to	Links From
store_id	SERIAL	Number assigned to store	Primary		
manager_staff_id	SMALLINT	Number assigned to store manager	Foreign	Staff	
address_id	SMALLINT	Number assigned to store address	Foreign	Address	
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

FILM ACTOR

Column	Data Type	Description	Key	Links to	Links From
actor_id	SMALLINT	Number assigned to actor	Primary, Foreign	Actor	
film_id	SMALLINT	Number assigned to film	Primary, Foreign	Film	
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

INVENTORY

Column	Data Type	Description	Key	Links to	Links From
inventory_id	SERIAL	Number assigned to item on the table	Primary		Rental
film_id	SMALLINT	Number assigned to film	Foreign	Film	
store_id	SMALLINT	Number assigned to store			

last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			
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FILM CATEGORY

Column	Data Type	Description	Key	Links to	Links From
film_id	SMALLINT	Number assigned to film	Primary, Foreign	Film	
category_id	SMALLINT	Number assigned to category/genre	Primary, Foreign	Category	
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

CUSTOMER

Column	Data Type	Description	Key	Links to	Links From
customer_id	SERIAL	Number of customer id	Primary		Payment, Customer
store_id	SMALLINT	Number of store id			
first_name	CHARACTER VARYING (45)	First name of customer			
last_name	CHARACTER VARYING (45)	Last name of customer			
email	CHARACTER VARYING (50)	Email address of customer			
addresss_id	SMALLINT	Number assigned to customers address	Foreign	Address	
activebool	BOOLEAN	Customer status			
create_date	Date	Date customer account was created			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			
active	INTEGER	Number to designate if customer is active			

STAFF

Column	Data Type	Description	Key	Links to	Links From
staff_id	SERIAL	Employee ID number	Primary		Payment, Rental, Store
first_name	CHARACTER VARYING (45)	Employee first name			
last_name	CHARACTER VARYING (45)	Employee last name			
address_id	SMALLINT	Number assigned to employee address	Foreign	Address	
email	CHARACTER VARYING (50)	Email address			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Status of employee			
username	CHARACTER VARYING (16)	Employee username			
password	CHARACTER VARYING (40)	Employee password			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			
picture	BYTEA	Picture of employee			

ACTOR

Column	Data Type	Description	Key	Links to	Links From
actor_id	SERIAL	Number assigned to actor	Primary		Film Actor
first_name	CHARACTER VARYING (45)	Employee first name			

last_name	CHARACTER VARYING (45)	Employee last name			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

F I L M

Column	Data Type	Description	Key	Links to	Links From
film_id	SERIAL	Number assigned to film	Primary		Film Actor, Inventory, Film
title	CHARACTER VARYING (55)	Title of film			
description	text	Description of the film			
release_year	year	Year film was released			
language_id	SMALLINT	Number assigned to language	Foreign	Language	
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC[4,2]	Price of rental			
length	SMALLINT	Length of film			
replacement_cost	NUMERIC[5,2]	Cost to replace film			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			
special_features	TEXT[]	Special features included with film			
fulltext	TSVECTOR	Keywords associated with film			

C A T E G O R Y

Column	Data Type	Description	Key	Links to	Links From
category_id	SERIAL	Number assigned to category/genre	Primary		Film Category

name	CHARACTER VARYING (52)	Name of genre			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

ADDRESS

Column	Data Type	Description	Key	Links to	Links From
address_id	SERIAL	Number assigned to address	Primary		Customer, Staff, Store
address	CHARACTER VARYING (50)	Street address			
address2	CHARACTER VARYING (55)	Second Street Address			
district	CHARACTER VARYING (20)	District			
city_id	SMALLINT	Number assigned to city	Foreign	City	
postal_code	CHARACTER VARYING (10)	Postal code			
phone	CHARACTER VARYING (20)	Phone number			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

LANGUAGE

Column	Data Type	Description	Key	Links to	Links From
language_id	SERIAL	Number assigned to language	Primary		Film
name	CHARACTER VARYING (20)	Name of Language			
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

CITY

Column	Data Type	Description	Key	Links to	Links From
city_id	SERIAL	Number assigned to city	Primary		Address
city	CHARACTER VARYING (50)	Name of City			
country_id	SMALLINT	Number assigned to country	Foreign	Country	
last_update	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			

COUNTRY

Column	Data Type	Description	Key	Links to	Links From
country_id	SERIAL	Number assigned to county	Primary		City
country	CHARACTER VARYING (50)	Name of country			
last_udpate	TIMESTAMP(6)W/O TIME ZONE	Date and time of last update			