

Rockbuster Stealth, LLC

Data Dictionary



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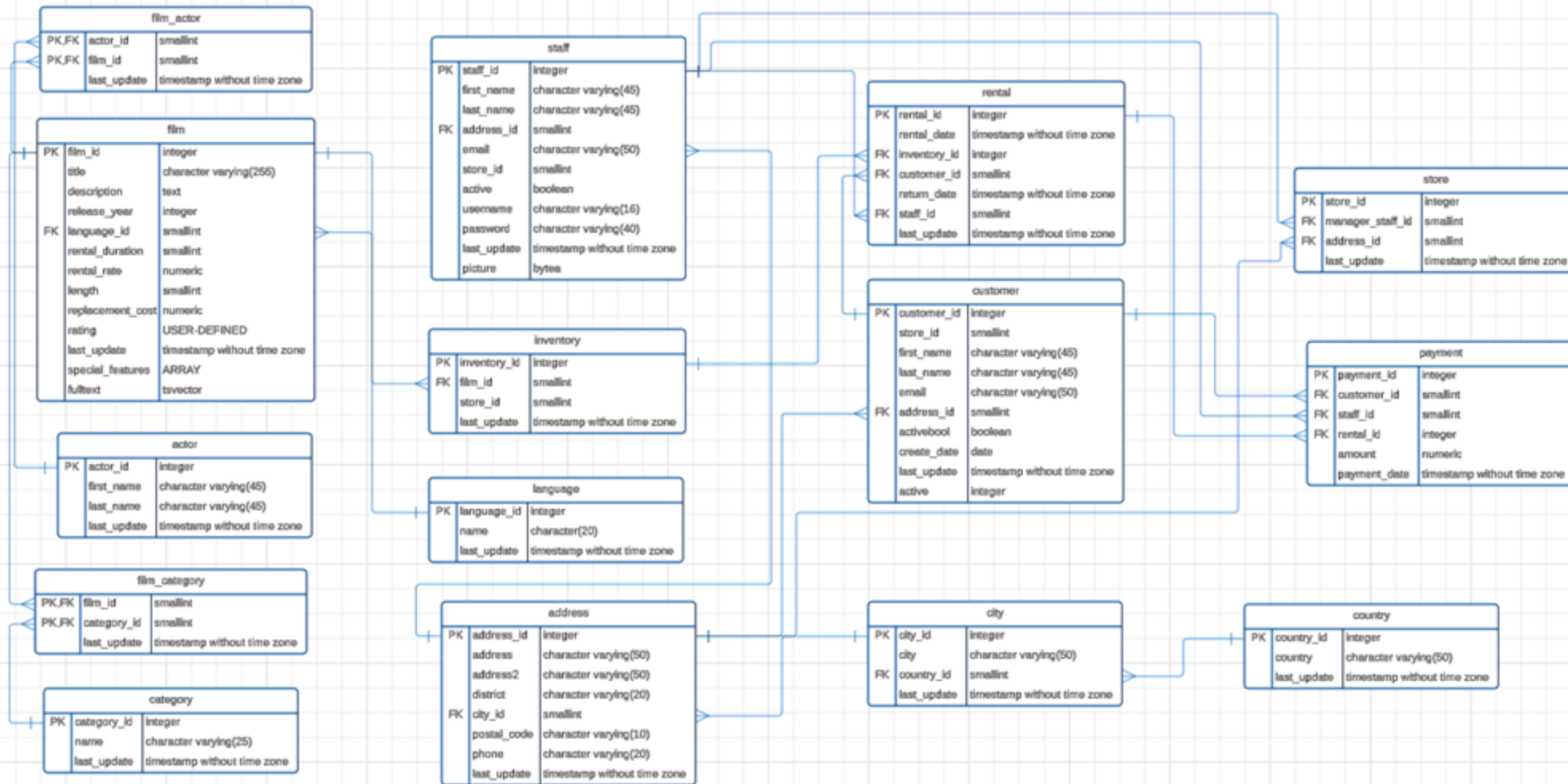


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Primary Key 
Foreign Key 

Rockbuster ERD (Entity Relationship Diagram)



Fact Tables:

Payment

payment		
Columns	Data Type	Description
Payment_id	Serial	Primary key, Number to identify payment
Customer_id	Smallint	Number to identify customer, foreign key to customer table
Staff_id	Smallint	Number to identify staff member, foreign key to staff table
Rental_id	Integer	Number to identify the rental(film), foreign key to rental table
Amount	numeric	Cost of the film
Payment_date	Timestamp	Date for when the payment was made

Rental

rental		
Columns	Data Type	Description
Rental_id	Serial	Primary key, number to identify the rental
Rental_date	Timestamp	Date of rental
Inventory_id	Integer	Number to identify inventory(film), foreign key to inventory table
Customer_id	Smallint	Number to identify customer, foreign key to customer table
Return_date	Timestamp	Date when film was returned
Staff_id	Smallint	Number to identify staff, foreign key to staff table
Last_update	Timestamp	Date for when record was last updated (YYYY-DD-MM)

Dimension Tables

Actor

actor		
Columns	Data Type	Description
Actor_id	Serial	primary key to Identify each actor
First_name	varchar	First name of actor
Last_name	Varchar	Last name of actor
Last_update	Timestamp	Date for when the record was updated last (YYYY-DD_MM)

Dimension Tables, cont'd

Address

address		
Columns	Data Type	Description
Address_id	Serial	Primary key, number to identify the address in the table
Address	Character varying(50)	Line 1 of address (max of 50 characters)
Address2	Character varying(50)	Line 2 of address (max of 50 characters)
District	Character varying (20)	District's address (max of 20 characters)
City_id	Smallint	Number to identify the city, foreign key to city table
Postal_code	Character varying (10)	Postal code portion of address (max of 10 characters)
Phone	Character varying (20)	Phone number that belongs to address (max 20 characters)
Last_update	Timestamp	Date for when record was last updated (YYYY-DD-MM)

Category

category		
Columns	Data Type	Description
Category_id	Serial	Primary key, number used to identify category of the film
Name	Character varying (25)	Name of category (max of 25 characters)
Last_update	timestamp	Date for when the record was updated last (YYYY-DD_MM)

City

city		
Columns	Data Type	Description
City_id	Serial	Primary key, Number to identify the city
City	Character varying (50)	Name of city (max of 50 characters)
Country_id	Smallint	Number to identify the country, foreign key to country table
Last_update	Timestamp	Date for when record was last updated (YYYY-DD-MM)

Country

country		
Columns	Data Type	Description
Country_id	Serial	Primary key, Number to identify the country
Country	Character varying (50)	Name of country (max of 50 characters)
Last_update	Timestampt	Date for when record was last updated (YYYY-DD-MM)

Dimension Table, cont'd

Customer

customer		
Columns	Data Type	Description
Customer_id	Serial	Primary key, number to identify the customer
Store_id	Smallint	Number to identify the store, foreign key to store table
First_name	Character varying (45)	Customer's first name (max 45 characters)
Last_name	Character varying (45)	Customer's last ame (max 45 characters)
Email	Character varying (50)	Customer's email (max 50 characters)
Address_id	Smallint	Customer's address, foreign key to address table
Activebool	Boolean	True, false, or null statement for customer's status
Create_date	Date	Date when the customer's account was created
Active	Integer	Number to identify if the account is active

Film

Film		
Columns	Data Type	Description
Film_id	Serial	Primary key to identify each film
Title	varchar	Title of the film
Description	text	Description of the film
Release year	Year	Year of film release
Language_id	Integer	Language, foreign key to language table
Rental_duration	integer	Duration of the rental
Rental_rate	numeric	Rental fee
Length	integer	Length of the film
Replacement_cost	numeric	Cost for film replacement
rating	ARRAY	Film rating
Last_update	Timestamp	Date of when the record was updated last (YYYY-DD-MM)
Special_features	Text	Special features of the film
Fulltxt	tsvector	

Film_actor

Film_actor		
Columns	Data Type	Description
actor_id	Smallint	Composite key, to identify each actor, foreign key to actor table
film_id	Smallint	
last_update	Timestamp without time zone	Date of when the record was updated last (YYYY-DD-MM)

Dimension Tables, cont'd

Film_category

film_category		
Columns	Data Type	Description
Film_id	Smallint	Composite key to identify each film category and foreign key to film table
Category_id	Smallint	Composite primary key to identify each film category, foreign key to category table
Last_update	Timestamp	Date for when the record was updated last (YYYY-DD_MM)

Inventory

inventory		
Columns	Data Type	Description
Inventory_id	Serial	Primary key, used to identify the film's inventory number
Film_id	Smallint	Number to identify each film, foreign key to film table
Store_id	Smallint	Number to identify the store, foreign key to store table
Last update	Timestamp	Date for when the record was updated last (YYYY-DD_MM)

Language

language		
Columns	Data Type	Description
Language_id	Serial	Primary key, number to identify the language in the film
Name	Character (20)	Name of the language in the film (max 20)
Last_update	Timestamp	Date for when the record was updated last (YYYY-DD-MM)

Staff

staff		
Columns	Data Type	Description
Staff_id	Serial	Primary key, identifying the staff members
First_name	Character varying (45)	Staff's first name (max 45 characters)
Last_name	Character varying (45)	Staff's last name (max 45 characters)
Address_id	Smallint	Staff's address, foreign key to address table
Email	Character varying (50)	Staff's email (max 50 characters)
Store_id	Smallint	Number used to identify the store
Active	Boolean	True, false, or null statement to imply active status of staff
Username	Character varying (16)	Staff member's username (max of 16 characters)
Password	Character varying (40)	Staff member's password (max of 40 characters)
Last_update	Timestamp	Date for when the record was updated last (YYYY-DD_MM)
Picture	bytea	Binary data in form of pictures/images/audio files

Store

store		
Columns	Data Type	Description
Store_id	Serial	Primary key, number to identify the store
Manager_staff_id	Smallint	Number to identify the manager, foreign key to staff table
Address_id	Smallint	Number of address, foreign key to address table
Last_update	Timestamp	Date for when record was last updated (YYYY-DD-MM)