

ROCKBUSTER STEALTH

Data Dictionary



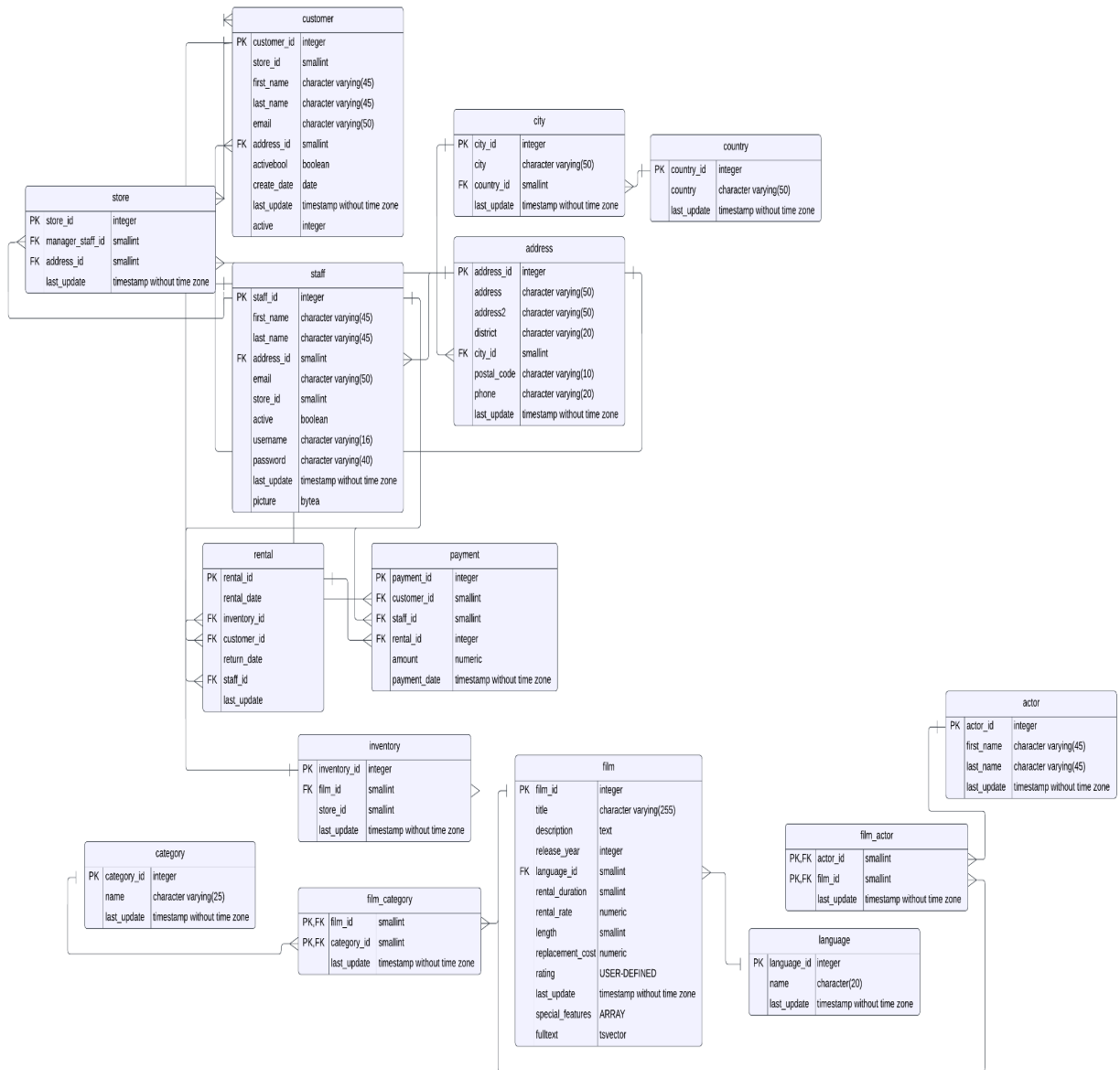
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Table of Contents

• ERD - Entity Relationship Diagram.....	1
• Legends	2
• Tables	3
• Payment.....	4
• Rental	5
• Inventory.....	6
• Customer.....	7
• Staff.....	8
• Address.....	9
• Film.....	10
• Film_Category.....	11
• Actor.....	12
• Language.....	13
• Film_Actor.....	14
• Category.....	15
• Store.....	16
• City.....	17
• Country.....	18





Entity Relationship Diagram



Legends

Legends	Symbol
Primary Key	
Foreign Key	

Payment Table

Column	Data Type	Description	
Payment_id	integer	Payment transaction number	
Customer_id	integer	Unique number for the customer	
Staff_id	smallint	Unique staff number	
Rental_id	smallint	Unique rental number	
amount	numeric	Total cost	
payment_date	Timestamp without timezone	The date on which payment was made	

Links	Join
Customer table	Payment.customer_id = Customer.customer_id
Staff table	Payment.staff_id = Staff.staff_id
Rental table	Payment.rental_id = Rental.rental_id

Rental Table

Column	Data Type	Description	
rental_id	integer	Unique number for the rental	🔑
rental_date	Timestamp without timezone	Rental date	
inventory_id	integer	Unique number for the inventory	🔗
customer_id	smallint	Unique number for the customer	🔗
return_date	Timestamp without timezone	Date of return	
staff_id	smallint	Unique number for the staff	
last_update	Timestamp without timezone	Date and time of last update	




Links	Join
Inventory table	Rental.inventory_id = Inventory.inventory_id
Customer table	Rental.customer_id = Customer.customer_id
Staff table	Rental.staff_id = Staff.staff_id

Inventory Table

Column	Data Type	Description	
inventory_id	integer	Unique number for the inventory	🔑
film_id	smallint	Unique number for the film	📄
store_id	smallint	Unique number for the store	📄
last_update	Timestamp without timezone	Last updated time and date	



Links	Join
Film table	Inventory.film_id = Film.film_id
Store table	Inventory.store_id = Store.store_id

Customer Table

Column	Data Type	Description	
customer_id	integer	Unique number for the customer	
store_id	smallint	Unique number for the store	
first_name	Character varying (45)	First name of the customer	
last_name	Character varying (45)	Last name of the customer	
email	Character varying (50)	Email of the customer	
address_id	smallint	Address of the customer	
activebool	boolean	Active account TRUE or FALSE	
create_date	date	Date on which the record was created	
last_update	Timestamp without timezone	Last updated time and date	
active	integer	Account status	



Links	Join
Store table	Customer.store_id = Store.store_id
Address table	Customer.address_id = Address.address_id

Staff Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
staff_id	integer	Unique number for the staff	
first_name	Character varying (45)	Staff first name	
last_name	Character varying (45)	Staff last name	
address_id	smallint	Unique address number	
email	Character varying (50)	Staff email	
store_id	smallint	Unique store number	
active	boolean	Staff status	
username	Character varying (16)	Staff username	
password	Character varying (40)	Staff password	
last_update	Timestamp without timezone	Last updated time and date	
picture	bytea	Staff photo	



Links	Join
Address table	Staff.address_id = Address.address_id
Store table	Staff.store_id = Store.store_id

Address Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
address_id	integer	Unique address number	
address	Character varying (50)	Address	
Address 2	Character varying (50)	Another Address	
district	Character varying (20)	District	
city_id	smallint	Unique number for city	
postal_code	Character varying (10)	Zip code	
phone	Character varying (20)	Phone number	
last_update	Timestamp without timezone	Last updated time and date	



Links	Join
City table	Address.city_id = City.city_id

Film Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
film_id	integer	Unique film number	
title	Character varying (255)	Film title	
description	text	Film description	
Release_year	date	Film year of release	
language_id	smallint	Film language	
rental_duration	smallint	Duration film was rented	
rental_rate	numeric	Rental price	
length	smallint	Film length	
replacement_cost	numeric	Replacement cost	
rating	USER-DEFINED	Film rating	
last_update	Timestamp without timezone	Last updated time and date	
special_features	ARRAY	Film special features	


Links	Join
Language table	Film.language_id = Language.language_id

[Film Category Table](#)



<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
film_id	smallint	Unique film number	
category_id	smallint	Unique number for film category	
last_update	Timestamp without timezone	Last updated time and date	

<u>Links</u>	<u>Join</u>
Category table	Film_Category.category_id = Category.category_id

[Language Table](#)


<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
language_id	integer	Unique id for film language	
name	Character varying (20)	Language name	
last_update	Timestamp without timezone	Last updated time and date	

Film Actor Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
actor_id	smallint	Unique number for the actor	
film_id	smallint	Unique number for the film	
last_update	Timestamp without timezone	Last updated time and date	

<u>Links</u>	<u>Join</u>
Actor table	Film_category.actor_id = Actor.actor_id

Category Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
category_id	integer	Unique id for the film category	
name	Character varying (25)	Name of the film category	
last_update	Timestamp without timezone	Last updated time and date	

Store Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
store_id	integer	Unique store id	🔑
manager_staff_id	smallint	Unique manager id	
address_id	smallint	Unique address id	🔗
last_update	Timestamp without timezone	Last updated time and date	


<u>Links</u>	<u>Join</u>
Address table	Store.address_id = Address.address_id

City Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
city_id	integer	Unique city id	🔑
city	Character varying (50)	City name	
country_id	smallint	Unique country id	🔗
last_update	Timestamp without timezone	Last updated time and date	

<u>Links</u>	<u>Join</u>
Country table	City.country_id = Country.country_id

Country Table

<u>Column</u>	<u>Data Type</u>	<u>Description</u>	
country_id	integer	Unique id for the country	
country	Character varying (50)	Name of the country	
last_update	Timestamp without timezone	Last updated time and date	