

ROCKBUSTER STEALTH LLC

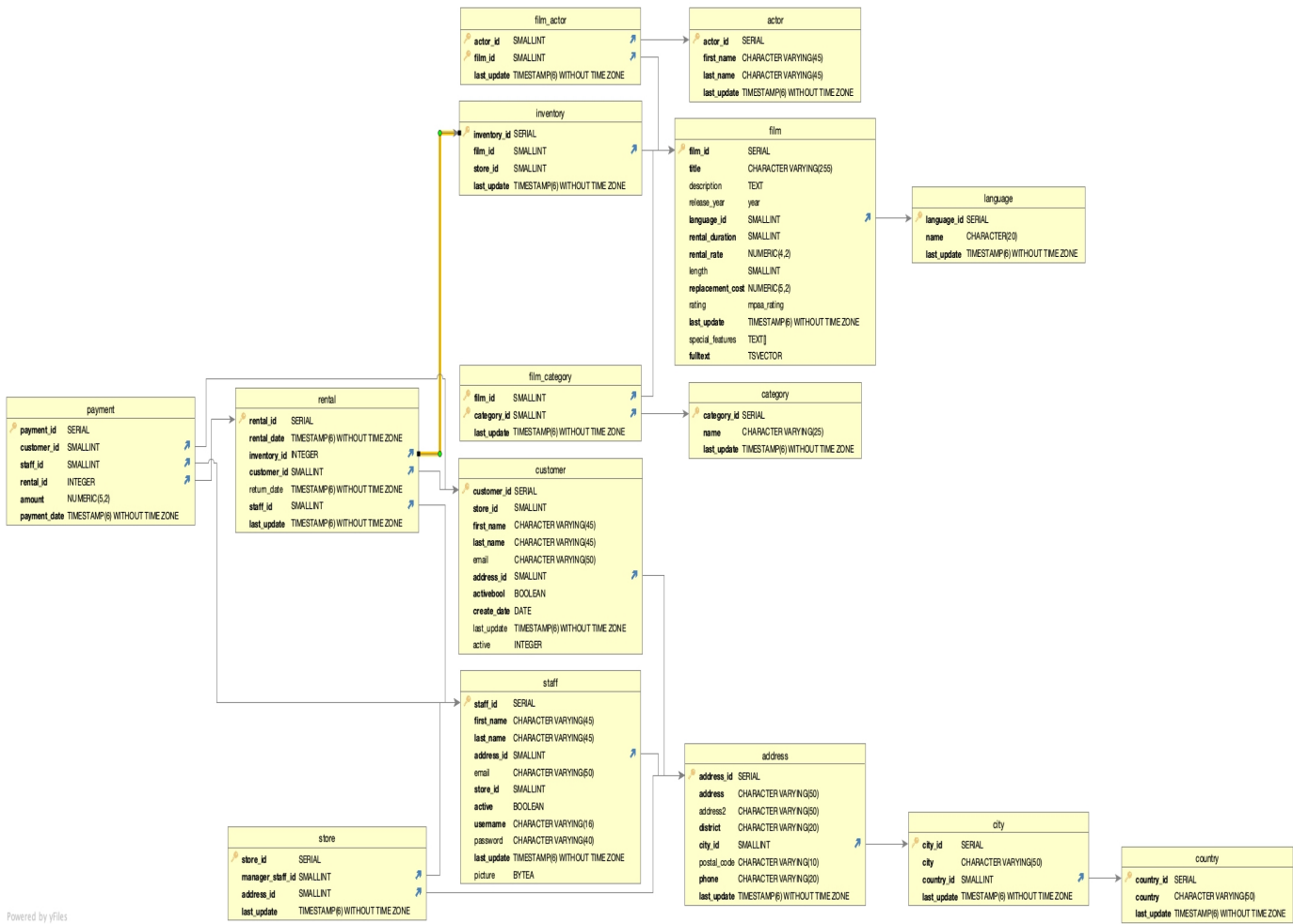
DATA DICTIONARY

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Columns acting as unique keys are colored blue

1. ERD view



2. Payment

Columns	Data Type	Description
Payment_id	SERIAL	Unique identifier of each payment
Customer_id	SMALLINT	Customer that made payment
Staff_id	SMALLINT	Staff that processed payment
Rental_id	INTEGER	Id of rental that was paid for
amount	NUMERIC(5,2)	Cost of rental
Payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date and time of payment

LINKS TO:

Tables	Join
Customer	Payment.customer_id=customer.customer_id
Staff	Payment.staff_id=staff.staff_id
Rental	Payment.rental_id=rental.rental_id

3. Rental

Columns	Data Type	Description
Rental_id	SERIAL	Unique identifier of each rental
Rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Day of rental
Inventory_id	INTEGER	Id of inventory rental was pulled from
Customer_id	SMALLINT	Id of customer that made rental
Return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Return date of rental
Staff_id	SMALLINT	Id of staff that approved rental
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Latest update on rental

LINKS TO:

Tables	Join
Inventory	rental.inventory_id=Inventory.inventory_id
Customer	Rental.customer_id=customer.customer_id
Staff	Rental.staff_id=staff.staff_id

LINKS FROM:

Tables	Join
Payment	payment.rental_id=rental.rental_id

4. Customer

Columns	Data Type	Description
Customer_id	SERIAL	Unique identifier of customer
Store_id	SMALLINT	id of store rental was gotten from
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
Address_id	SMALLINT	Id of Physical address of customer
activebool	BOOLEAN	Boolean status
Create_date	DATE	Date customer was added
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Latest update on customer information
active	INTEGER	Denotes if customer is active or not

LINKS TO:

Tables	Join
Address	customer.address_id=address.address_id

LINKS FROM:

Tables	Join
Payment	payment.customer_id=customer.customer_id
Rental	rental.customer_id=customer.customer_id

5. Staff

Columns	Data Type	Description
Staff_id	SERIAL	Unique identifier of the staff member
First_name	CHARACTER VARYING (45)	First name of staff member
Last_name	CHARACTER VARYING (45)	Last name of staff member
email	CHARACTER VARYING (50)	Email address of staff member

Address_id	SMALLINT	Id address of staff member
Store_id	SMALLINT	Id of the store staff works at
Active	BOOLEAN	Denotes if staff is active or not
Username	CHARACTER VARYING (16)	Username of staff account
Password	CHARACTER VARYING (40)	Password of staff account
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Latest update on staff entry
picture	BYTEA	Staff picture

LINKS TO:

Tables	Join
Address	staff.address_id=address.address_id

LINKS FROM:

Tables	Join
Payment	payment.staff_id=staff.staff_id
Rental	rental.staff_id=staff.staff_id
Store	store.manager_staff_id=staff.staff_id

6. Store

Columns	Data Type	Description
Store_id	SERIAL	Unique identifier of the store
Manager_staff_id	SMALLINT	Staff id of manager
Address_id	SMALLINT	Id of store address
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of store entry

LINKS TO:

Tables	Join
Staff	store.manager_staff_id=staff.staff_id
Address	store.address_id=address.address_id

7. Inventory

Columns	Data Type	Description
Inventory_id	SERIAL	unique identifier of inventory
Film_id	SMALLINT	Id of film
Store_id	SMALLINT	Id of store
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of inventory entry

LINKS TO:

Tables	Join
film	inventory.film_id=film.film_id

LINKS FROM:

Tables	Join
Rental	rental.inventory_id=inventory.inventory_id

8. Address

Columns	Data Type	Description
Address_id	SERIAL	Unique identifier of address
Address	CHARACTERVARYING(50)	Address line 1
Address 2	CHARACTERVARYING(50)	Address line 2
district	CHARACTERVARYING(20)	District of address
City_id	SMALLINT	Id of city
Postal_code	CHARACTERVARYING(10)	Address of postal code
phone	CHARACTERVARYING(20)	Phone number
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of address

LINKS TO:

Tables	Join
city	address.city_id=city.city_id

LINKS FROM:

Tables	Join
customer	customer.address_id=address.address_id
staff	staff.address_id=address.address_id

store	store.address_id=address.address_id
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9. City

Columns	Data Type	Description
city_id	SERIAL	Unique identifier of the city
city	CHARACTER VARYING(50)	Name of city
country_id	SMALLINT	Id of country
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of city

LINKS TO:

Tables	Join
country	city.country_id=country.country_id

LINKS FROM:

Tables	Join
address	address.city_id=city.city_id

10. Country

Columns	Data Type	Description
Country_id	SERIAL	Unique identifier of the country
country	CHARACTER VARYING(50)	Name of country
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of country

LINKS FROM:

Tables	Join
city	city.country_id=country.country_id

11. Film

Columns	Data Type	Description
Film_id	SERIAL	Unique identifier of film
title	CHARACTER VARYING (225)	Title of film
description	TEXT	Movie description
Release_year	year	Year of film release
Language_id	SMALLINT	id of film language
Rental_duration	SMALLINT	How long was film rented for

Rental_rate	NUMERIC(4,2)	Rating of rental
length	SMALLINT	Length of movie
Replacement_cost	NUMERIC(5,2)	Cost to replace movie
rating	Mpaa_rating	Rating of movie
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of film entry
Special_features	TEXT[]	Special features of the film
fulltext	TSVECTOR	Full text

LINKS TO:

Tables	Join
language	film.language_id=language.language_id

LINKS FROM:

Tables	Join
film_actor	film_actor.film_id=film.film_id
inventory	inventory.film_id=film.film_id
film_category	film_category.film_id=film.film_id

12. film_category

Columns	Data Type	Description
Film_id	SMALLINT	Unique identifier of the film
Category_id	SMALLINT	Unique identifier of film category
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of film category entry

LINKS TO:

Tables	Join
film	film_category.film_id=film.film_id
category	film_category.category_id=category.category_id

13. film_actor

Columns	Data Type	Description
Actor_id	SMALLINT	Unique identifier of the actor
Film_id	SMALLINT	Id of film actor was in

Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update film_actor entry
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LINKS TO:

Tables	Join
film	film_actor.film_id=film.film_id
actor	film_actor.actor_id=actor.actor_id

14. Actor

Columns	Data Type	Description
Actor_id	SERIAL	Unique identifier of the actor
First_name	CHARACTER VARYING (45)	First name of actor
Last_name	CHARACTER VARYING (45)	Last name of actor
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of store entry

LINKS FROM:

Tables	Join
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film_actor	film_actor.actor_id=actor.actor_id
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15. Category

Columns	Data Type	Description
Category_id	SERIAL	Unique identifier of the category
name	CHARACTERVARYING(25)	Name of category
Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of category entry

LINKS FROM:

Tables	Join
film_category	film_category.category_id=category.category_id

16. Language

Columns	Data Type	Description
Language_id	SERIAL	Unique identifier of the language
name	CHARACTER(20)	Name of language

Last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Last update of language entry
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LINKS FROM:

Tables	Join
film	film.language_id=language.language_id