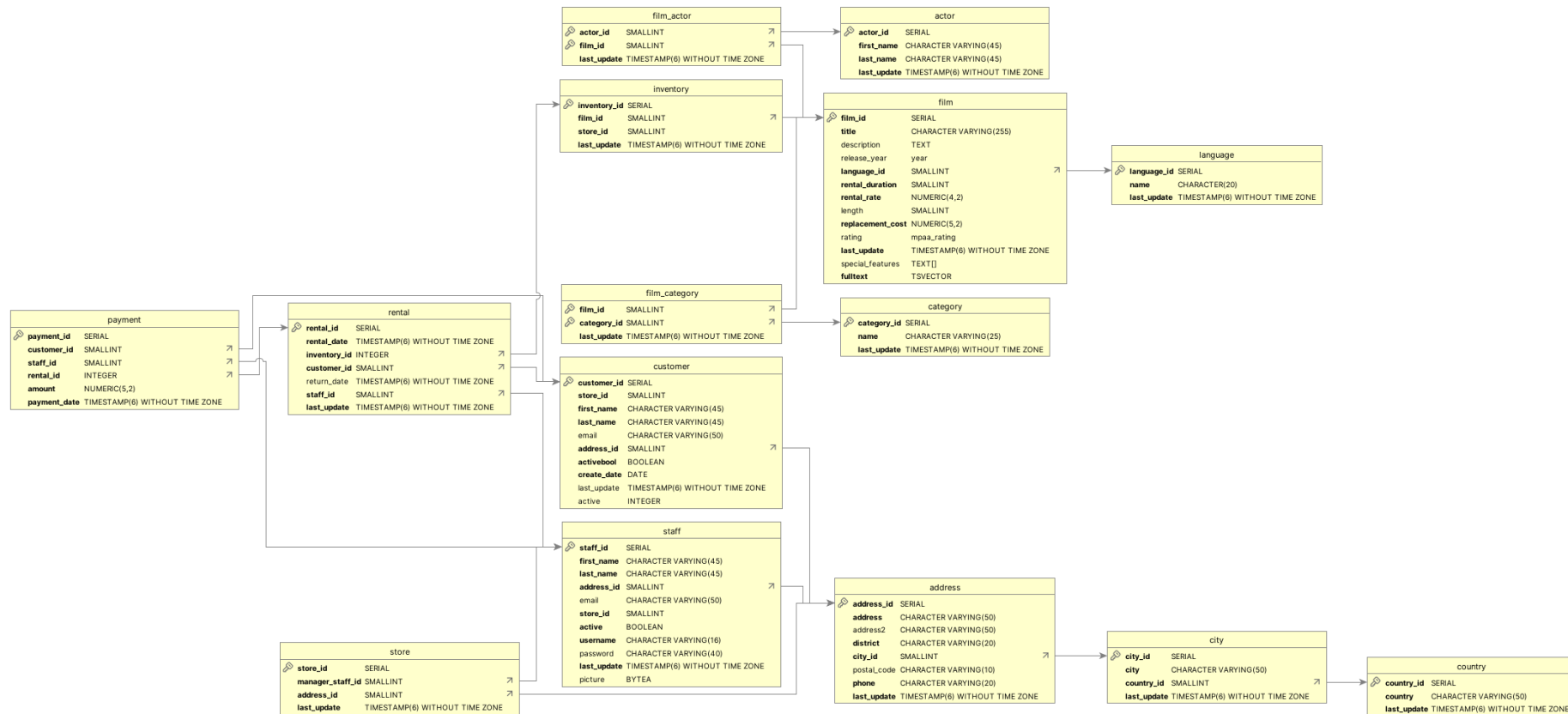# ROCKBUSTER STEALTH

Data dictionary

Updated: 2024-October 24

# CONTENTS

Image from DbVizualizer

## FACT TABLES

🔑 [1] Primary Key

↗ [2] Foreign Key

### PAYMENT

| KEY | Column | Data Type | Description |
|-----|--------|-----------|-------------|
| 🔑 | payment_id | Serial | This is the unique identifier for the row |
| ↗ | customer_id | Small integer | Unique identifier for the customer |
| ↗ | staff_id | Small integer | Unique identifier for the staff |
| ↗ | rental_id | Integer | Unique identifier for the rental |
| | amount | Numeric (5,2) | Amount due for the rent |
| | payment_date | Timestamp without time zone | When the payment was done |

### RENTAL

| KEY | Column | Data Type | Description |
|-----|--------|-----------|-------------|
| 🔑 | rental_id | Serial | Unique identifier for the rental |
| | rental_date | Timestamp without time zone | Shows when the rental period started |
| ↗ | inventory_id | integer | Unique identifier for the inventory |
| ↗ | customer_id | Small integer | Unique identifier for the customer |
| | return_date | Timestamp without time zone | Shows when the product was returned |
| ↗ | staff_id | Small integer | Unique identifier for the staff |
| | last_update | Timestamp without time zone | Shows when the record was updated |

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[1] https://www.flaticon.com/free-icons/key" title="key icons" Key icons created by Smashicons - Flaticon

[2] https://www.flaticon.com/free-icons/diagonal-arrow" title="diagonal arrow icons" Diagonal arrow icons created by Arkinasi - Flaticon

### FILM_ACTOR

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑↗ | Actor_id | Small integer | Unique identifier for the actor |
| 🔑↗ | Film_id | Small integer | Unique identifier for the film |
| | last_update | Timestamp without time zone | Shows when the record was updated |

### INVENTORY

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Inventory_id | Serial | Unique identifier for the inventory |
| ↗ | Film_id | Small integer | Unique identifier for the film |
| | Store_id | Small integer | Unique identifier for the store |
| | last_update | Timestamp without time zone | Shows when the record was updated |

### FILM_CATEGORY

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑↗ | Film_id | Small integer | Unique identifier for the film |
| 🔑↗ | Category_id | Small integer | Unique identifier for the category |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## CUSTOMER

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Customer_id | Serial | Unique identifier for the customer |
| | Store_id | Small integer | Unique identifier for the store |
| | First_name | Character varying (45) | Customer's first name |
| | Last_name | Character varying (45) | Customer's last name |
| | Email | Character varying (45) | Customer's email address |
| ↗ | Address_id | Small integer | Unique identifier for the customer's address |
| | Activebool | Boolean | Yes/No if the customer is active |
| | Create_date | Date | Date when customer record was created |
| | last_update | Timestamp without time zone | Shows when the record was updated |
| | Active | Integer | Yes/No if the customer is active |

## STAFF

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Staff_id | Serial | Unique identifier for the staff |
| | First_name | Character varying (45) | Customer's first name |
| | Last_name | Character varying (45) | Customer's last name |
| ↗ | Address_id | Small integer | Unique identifier for the customer's address |
| | Email | Character varying (50) | Staff's email address |
| | Store_id | Small integer | Unique identifier for the store |
| | Active | Integer | Yes/No if the customer is active |
| | Username | Character varying (16) | Staff's username |
| | Password | Character varying (40) | Staff's password |
| | last_update | Timestamp without time zone | Shows when the record was updated |
| | Picture | BYTEA | Staff's photo |

## STORE

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Store_id | Serial | Unique identifier for the store |
| ↗ | Manager_staff_id | Small integer | Unique identifier for the store manager |
| ↗ | Address_id | Small integer | Unique identifier for the store address |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## ADDRESS

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Address_id | Serial | Unique identifier for the address |
| | Address | Character varying (50) | Address line 1 |
| | Address2 | Character varying (50) | Address line 2 |
| | District | Character varying (50) | State or Region |
| ↗ | City_id | Small integer | Unique identifier for the city |
| | Postal_code | Character varying (10) | Zipcode |
| | Phone | Character varying (20) | Contact number |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## ACTOR

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Actor_id | Serial | Unique identifier for the actor |
| | First_name | Character varying (45) | Actor's first name |
| | Last_name | Character varying (45) | Actor's last name |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## FILM

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Film_id | Serial | Unique identifier for the film |
| | Title | Character Varying (255) | Title of the film |
| | Description | Text | Description of the film |
| | Release_year | Year | Year when the film was released |
| ↗ | Language_id | Small integer | Unique identifier for the language of the film |
| | Rental_duration | Small integer | How long the film was rented out |
| | Rental_rate | Numeric(4,2) | How much to rent out the film |
| | Length | Small integer | Length of film |
| | Replacement_cost | Numeric(5,2) | How much to replace the film if lost |
| | Rating | Mpaa_rating | Film's rating |
| | last_update | Timestamp without time zone | Shows when the record was updated |
| | Special_features | Text[] | Special features of the film |
| | Fulltext | TSvector | Full text search |

## CATEGORY

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Category_id | Serial | Unique identifier for the category |
| | Name | Character varying(25) | Name of the category |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## LANGUAGE

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | language_id | Serial | Unique identifier for the language |
| | Name | Character varying(20) | Name of the language |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## CITY

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | City_id | Serial | Unique identifier for the city |
| | City | Character varying(50) | Name of the city |
| ↗ | Country_id | Small integer | Unique identifier for the country |
| | last_update | Timestamp without time zone | Shows when the record was updated |

## COUNTRY

| Key | Column | Data Type | Description |
|---|---|---|---|
| 🔑 | Country_id | Serial | Unique identifier for the country |
| | Country | Character varying(50) | Name of the country |
| | last_update | Timestamp without time zone | Shows when the record was updated |