



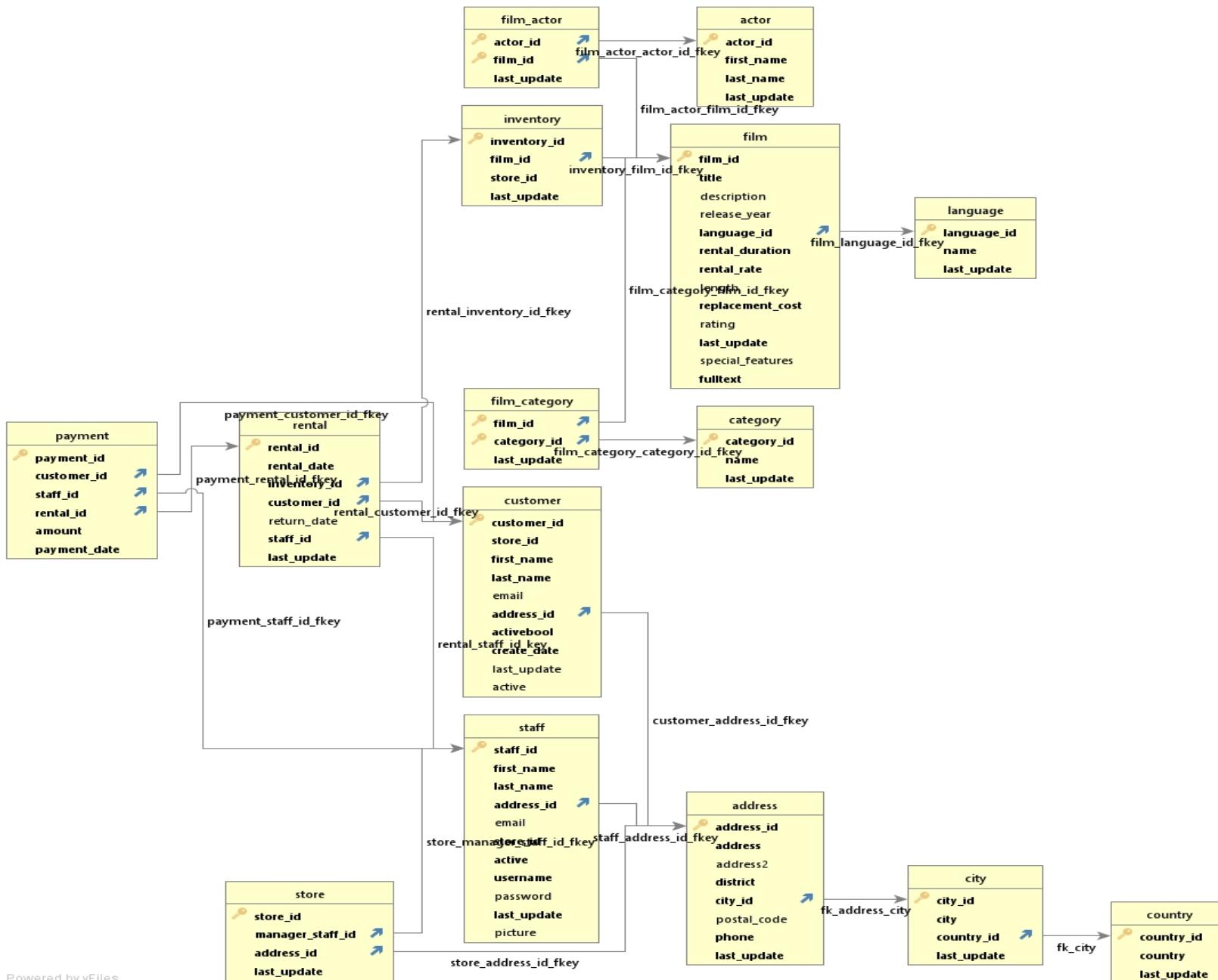
Rockbuster Stealth Data Dictionary

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Entity Relationship Diagram



Fact Table: Rental

Column	Data Type	Description
Rental_id	Serial	The unique identifier assigned to every movie rental.
Rental_date	Timestamp (6) without time zone	The time which each movie was rented out.
Inventory_id	Integer	The id assigned for keeping records.
Customer_id	Small INT	Customer id that rented the movie.
Return_date	Timestamp (6) without time zone	Time and date which a rented movie was returned.
Staff_id	Small INT	The id assigned to each staff.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Store

Column	Data Type	Description
Store_id	Serial	The unique id assigned to each store.
Manager_staff_id	Small INT	The store manager id.
Address_id	Small INT	The id assigned to each address.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Staff

Column	Data Type	Description
Staff_id	Serial	The unique id assigned to each staff.
First_name	Character Varying (45)	Staff's first name.
Last_name	Character Varying (45)	Staff's last name.
Address_id	Small INT	The id assigned to each address.
Email	Character Varying (50)	Staff's email address.
Active	Boolean	Weather customer is active or not.
Username	Character Varying (16)	Staff's username.
password	Character Varying (40)	Staff's password.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.
Picture	Bytea	Staff's picture.

Dimension Table: Address

Column	Data Type	Description
Address_id	Small INT	id assigned to each address.
Address	Character Varying (50)	Store's poster address.
Address 2	Character Varying (50)	Store's poster address.
District	Character Varying (20)	Address district.
City_id	Small INT	The id assigned to each city.
Postal_code	Character Varying (10)	Postcode.
Phone	Character Varying (20)	Phone number.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: City

Column	Data Type	Description
City_id	Serial	Unique id given to each city.
City	Character Varying (50)	City name.
Country_id	Small INT	The id assigned to each country.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Country

Column	Data Type	Description
Country_id	Serial	The unique id assigned to each country.
Country	Character Varying (50)	Country name.
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Inventory

Column	Data Type	Description
Inventory_id	Serial	Unique id assigned to each country.
Film_id	Small INT	Id assigned to each film.
Store_id	Small INT	Id assigned to each Store.
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Film category

Column	Data Type	Description
Film_id	Small INT	Id assigned to each film.
Category_id	Small INT	Id assigned to each film category.
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Actor

Column	Data Type	Description
Category_id	Serial	Unique id assigned to each category.
Name	Character Varying (25)	Category name
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Film actor

Column	Data Type	Description
Actor_id	Small INT	Id assigned to each actor.
Film_id	Small INT	Id assigned to each film.
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Film actor

Column	Data Type	Description
Actor_id	Serial	Unique id assigned to each actor.
First_name	Character Varying (50)	Actor first name.
Last_name	Character Varying (50)	Actor last name.
Last_updated	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Language

Column	Data Type	Description
Language_id	Serial	Unique id given to each film language.
Name	Character (20)	Language name.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.

Dimension Table: Customer

Column	Data Type	Description
Customer_id	Serial	Unique id assigned to each customer.
Store_id	Small INT	Id assigned to each store.
First_name	Character Varying (45)	Customer's first name.
Last_name	Character Varying (45)	Customer's last name.
Email	Character Varying (50)	Customer's email address
Address_id	Small INT	The id assigned to each address.
Activebool	Boolean	Customer's film rental activity.
Create_date	Date	Creation date.
Last_update	Timestamp (6) without time zone	Time and date which data was updated.
Active	Integer	Customer's number of film rental.

Dimension Table: Payment

Column	Data Type	Description
Payment_id	Serial	Unique id assigned to each payment.
Customer_id	Small INT	Id assigned to each customer.
Staff_id	Small INT	Id assigned to each staff.
Rental_id	Integer	Id assigned to each film rental.
Amount	Numeric (5,2)	Amount paid for rental.
Payment_date	Timestamp (6) without time zone	Date and time which payment was made.

Dimension Table: Film

Column	Data Type	Description
Film_id	Serial	Unique id assigned to each film.
Title	Character Varying (225)	Film title.
Description	Text	Film description.
Release_year	Year	The year which the film was released.
Language_id	Small INT	Film language.
Rental_duration	Small INT	The time which the film was rented for.
Rental_rate	Numeric (4,2)	Rental rate.
Length	Small INT	Film length.
Replacement_cost	Numeric (5,2)	Replacement cost in the case of theft etc.
Rating	mpaa_rating	Film rating.
Last_update	Timestamp (6) without time zone	
Special_features	Text []	Film special features.
Fulltext	Tsvector	Key words