

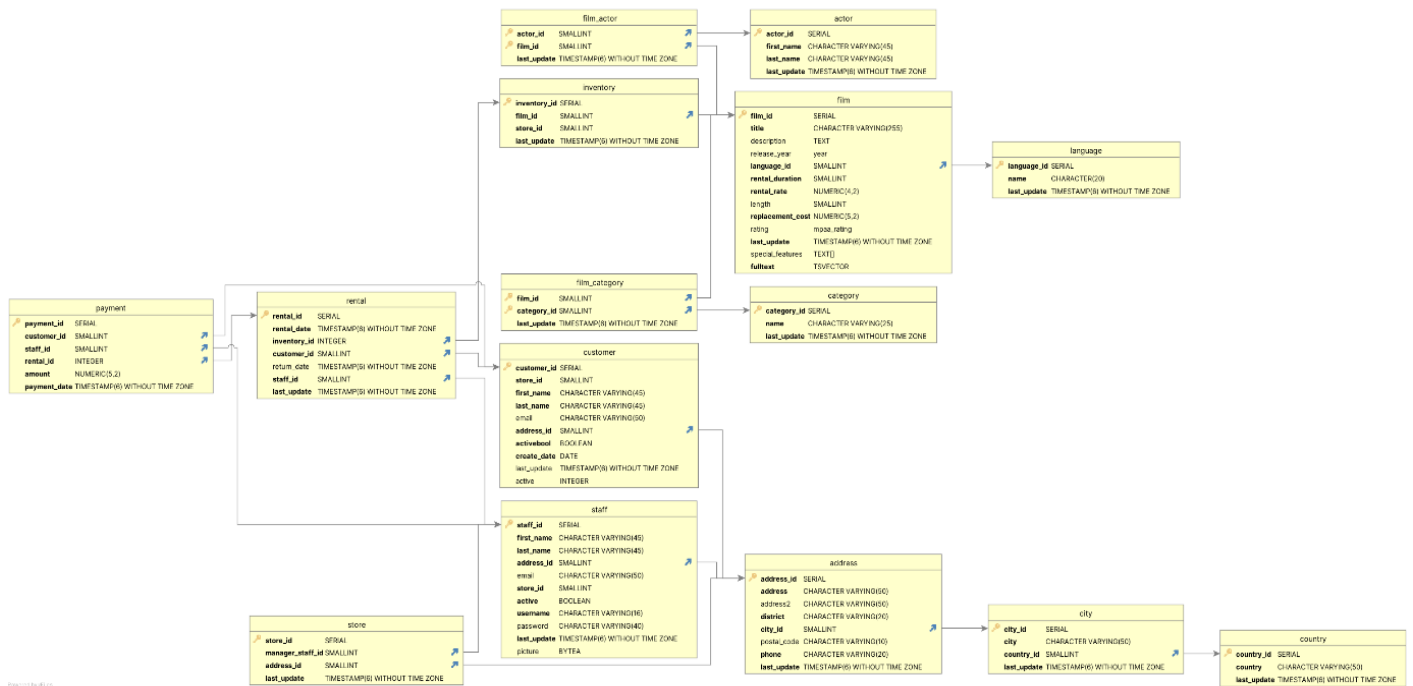
ROCKBUSTER STEALTH DATA DICTIONARY

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Rockbuster Database ERD



Fact Tables:

Payment

Key	Column	Data Type	Description
Primary	Payment_id	SERIAL	Unique number of payment
Foreign	Customer_id	SMALLINT	Unique number of customer
Foreign	Staff_id	SMALLINT	Unique number of staff
Foreign	Rental_id	INTEGER	Unique number of rental
	Amount	NUMERIC(5,2)	Price
	Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment

Rental

Key	Column	Data Type	Description
Primary	Rental_id	SERIAL	Unique number of rental
	Rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of rental
Foreign	Inventory_id	INTEGER	Unique number of inventory
Foreign	Customer_id	SMALLINT	Unique number of customer
	Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of return

Foreign	Staff_id	SMALLINT	Unique number of staff
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Dimension Tables:

Customer

Key	Column	Data Type	Description
Primary	Customer_id	SERIAL	Unique number of customer
	Store_id	SMALLINT	Unique number of store
	First_name	CHARACTER VARYING(45)	First name of customer
	Last_name	CHARACTER VARYING(45)	Last name of customer
	Email	CHARACTER VARYING(50)	Email of customer
Foreign	Address_id	SMALLINT	Address of customer
	Activebool	BOOLEAN	Active (TRUE/FALSE)
	Create_date	DATE	Date of creation
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update
	Active	INTEGER	Account active or not

Staff

Key	Column	Data Type	Description
Primary	Staff_id	SERIAL	Unique number of staff
	First_name	CHARACTER VARYING(45)	First name of staff
	Last_name	CHARACTER VARYING(45)	Last name of staff
Foreign	Address_id	SMALLINT	Address of staff
	Email	CHARACTER VARYING(50)	Email of staff
	Store_id	SMALLINT	Unique number of store
	Active	INTEGER	Account active or not
	Username	CHARACTER VARYING(16)	Username of staff
	Password	CHARACTER VARYING(40)	Password of staff
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update
	Picture	BYTEA	Picture of staff

Store

Key	Column	Data Type	Description
Primary	Store_id	SERIAL	Unique number of store
Foreign	Manager_staff_id	SMALLINT	Unique number of manager
Foreign	Address_id	SMALLINT	Address of store
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Film Category

Key	Column	Data Type	Description
Primary, Foreign	Film_id	SMALLINT	Unique number of film
Primary, Foreign	Category_id	SMALLINT	Unique number of category
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Inventory

Key	Column	Data Type	Description
Primary	Inventory_id	SERIAL	Unique number of inventory
Foreign	Film_id	SMALLINT	Unique number of film
	Store_id	SMALLINT	Unique number of store
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Film Actor

Key	Column	Data Type	Description
Primary, Foreign	Actor_id	SMALLINT	Unique number of actor
Primary, Foreign	Film_id	SMALLINT	Unique number of film
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Actor

Key	Column	Data Type	Description
Primary	Actor_id	SERIAL	Unique number of actor
	First_name	CHARACTER VARYING(45)	First name of actor
	Last_name	CHARACTER VARYING(45)	Last name of actor

	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update
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Film

Key	Column	Data Type	Description
Primary	Film_id	SERIAL	Unique number of film
	Title	CHARACTER VARYING(255)	Title of film
	Description	TEXT	Description of film
	Release_year	Year	Release year of film
Foreign	Language_id	SMALLINT	Unique number of language
	Rental_duration	SMALLINT	Time of rental
	Rental_rate	NUMERIC(4,2)	Rate of rental
	Length	SMALLINT	Duration of the film
	Replacement_cost	NUMERIC(5,2)	Cost for replacement of the film
	Rating	Mpaa_rating	Rating of the film
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update
	Special_features	TEXT[]	Special features of film
	Fulltext	TSVECTOR	Text of the film

Category

Key	Column	Data Type	Description
Primary	Category_id	SERIAL	Unique number of category
	Name	CHARACTER VARYING(25)	Name of the category
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Language

Key	Column	Data Type	Description
Primary	Language_id	SERIAL	Unique number of language
	Name	CHARACTER(20)	Name of language
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Address

Key	Column	Data Type	Description
Primary	Address_id	SERIAL	Unique number of address
	Address	CHARACTER VARYING(50)	Address

	Address2	CHARACTER VARYING(50)	Address
	District	CHARACTER VARYING(20)	District of the address
Foreign	City_id	SMALLINT	Unique number of city
	Postal_code	CHARACTER VARYING(10)	Postal code of city
	Phone	CHARACTER VARYING(20)	Phone number
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

City

Key	Column	Data Type	Description
Primary	City_id	SERIAL	Unique number of city
	City	CHARACTER VARYING(50)	City name
Foreign	Country_id	SMALLINT	Unique number of country
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update

Country

Key	Column	Data Type	Description
Primary	Country_id	SERIAL	Unique number of country
	Country	CHARACTER VARYING(50)	Country name
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date of last update