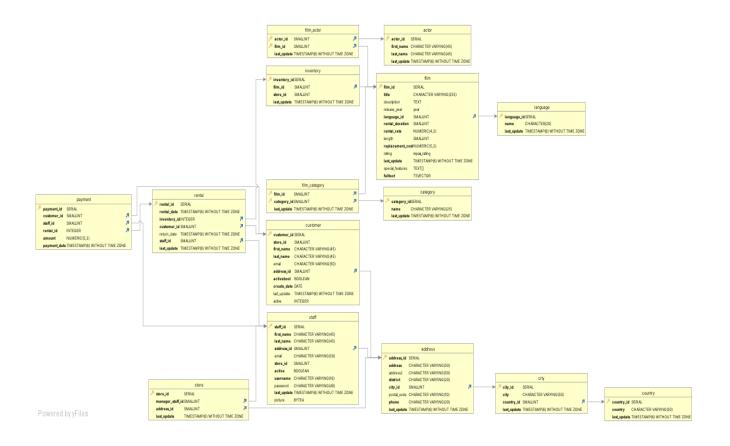
Rockbuster Stealth LLC

Data Dictionary

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Entity Relationship Diagram (ERD)



Legend

Symbol	Name	Description
		A primary key is a column or set of columns
•		that acts as a unique identifier for each
	Primary Key (PK)	record in a table
		A foreign key is a column, or set of columns,
•		that refers to the primary key in another
	Foreign Key (FK)	table

Facts Tables

Payment

Key	Column	Data Type	Description	Link to	Link from
	Payment_id	Serial	Unique number of a payment		
	Customer_id	Smallint	Unique number of a customer	Customer	
	Staff_id	Smallint	Unique number of a staff member	Staff	
	Rental_id	Integer	Unique number of a rental	Rental	
	Amount	Numeric (5,2)	Price of the rental		
	Payment_date	Timestamp(6)without time zone	Date of the payment		

Rental

Key	Column	Data Type	Description	Link to	Link from
	Rental_id	Serial	Unique number of a rental		Payment
	Rental_date	Timestamp(6)without timezone	Date of renting the movie		
	Inventory_id	Integer	Unique number of an inventory	Inventory	
	Customer_id	Smallint	Unique number of a customer	Customer	
	Return_date	Timestamp(6)without timezone	Date of returning the rented movie		
	Staff_id	Smallint	Unique number of employee	Staff	
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Dimension Tables

Film

Key	Column	Data Type	Description	Link to	Link from
	Film_id	Serial	Unique number of the movie		Inventory, Film Category, Film Actor
	Title	Character Varying(255)	Title of the movie		
	Description	TEXT	Description of the movie		
	Release_year	Year	Year that the movie came out		
	Language_id	Smallint	Unique number of the language of the movie	Language	
	Rental_duration	Smallint	How long the movie has been rented		
	Rental_rate	Numeric(4,2)	Score of renting by customers		
	Length	Smallint	Duration of the movie		
	Replacement_cost	Numeric(5,2)	Costs to replace the rental movie		
	Rating	Mpaa_rating	Which age groups can watch the movie		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		
	Special_features	Text[]	Special features of the movie		
	Fulltext	TSVECTOR	Text of the movie		

Film Actor

Key	Column	Data Type	Description	Link to	Link from
	Actor_id	Smallint	Unique number of an actor	Actor	
	Film_id	Smallint	Unique number of a movie	Film	
	Last_update	Timestamp (6) without timezone	Date and time of the last update		

Actor

Key	Column	Data Type	Description	Link to	Link from
	Actor_id	Serial	Unique number of the actor		Film Actor
	First_name	Character Varying(45)	First name of the actor		
	Last_name	Character Varying(45)	Last name of the actor		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Film Category

Key	Column	Data Type	Description	Link to	Link from
3	Film_id	Smallint	Unique number of the movie	Film	
-	Category_id	Smallint	Unique number of the category	Category	
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Category

Key	Column	Data Type	Description	Link to	Link from
	Category_id	Serial	Unique number of the category		Film Category
	Name	Character Varying (25)	Name of the language		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Inventory

Key	Column	Data Type	Description	Link to	Link from
	Inventory_id	Serial	Unique number of an inventory		Rental
•	Film_id	Smallint	Unique number of a movie	Film	
	Store_id	Smallint	Unique number of a store		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Language

Key	Column	Data Type	Description	Link to	Link from
	Language_id	Serial	Unique number of the language of the movie		Film
	Name	Character (20)	Name of the language		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Store

Key	Column	Data Type	Description	Link to	Link from
	Store_id	Serial	Unique number of a store		
•	Manager_staff_id	Smallint	Unique number of a staff manager	Staff	
	Adress_id	Smallint	Adress of the store	Address	
	Last_update	Timestamp(6)without timezone	Date and time of the last update		

Customer

Key	Column	Data Type	Description	Link to	Link from
	Customer_id	Serial	Unique number of a customer		Payment, Rental
	Store_id	Smallint	Unique number of a 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 from the customer		
•	Adress_id	Smallint	Adress of the customer	Address	
	Activebool	Boolyan	Active true or false		
	Create_date	Date	Date of creation		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		
	Active	Integer	If the customer account is active		

Staff

Key	Column	Data Type	Description	Link to	Link from
	Staff_id	Serial	Unique number of a staff member		Payment, Rental, Store
	Store_id	Smallint	Unique number of a store		
	First_name	Character Varying(45)	First name of the staff member		
	Last_name	Character Varying(45)	Last name of the staff member		
	Email	Character Varying(50)	Email from the staff member		
•	Adress_id	Smallint	Adress of the staff member	Address	
	Active	Boolyan	If the staff member account is active		
	User_name	Character Varying(16)	Online username of the staff member		
	Password	Character Varying(40)	Online password of the staff member		
	Last_update	Timestamp(6)without timezone	Date and time of the last update		
	Picture	Bytea	Photo of the staff member		

Address

Key	Column	Data Type	Description	Link to	Link from
	Address_id	Serial	Unique number of an address		Customer, Staff, Store
	Address	Character Varying (50)	Address details		
	Address2	Character Varying (50)	Extra address details		
	District	Character Varying (20)	Name of the district		
•	City_id	Smallint	Unique city number	City	
	Postal_code	Character Varying (10)	Postal code details		
	Phone	Character Varying (20)	Phone number		
	Last_update	Timestamp (6) without timezone	Date and time of the last update		

City

Key	Column	Data Type	Description	Link to	Link from
	City_id	Serial	Unique city number		Address
	City	Character Varying (50)	Name of the city		
•	Country_id	Smallint	Unique country number	Country	
	Last_update	Timestamp(6)without time zone	Date and time of the last update		

Country

Key	Column	Data Type	Description	Link to	Link from
•	Country_id	Serial	Unique country number		City
	Country	Character Varying (50)	Name of the country		
	Last_update	Timestamp (6) without time zone	Date and time of the last update		