

ROCKBUSTER STEALTH LLC

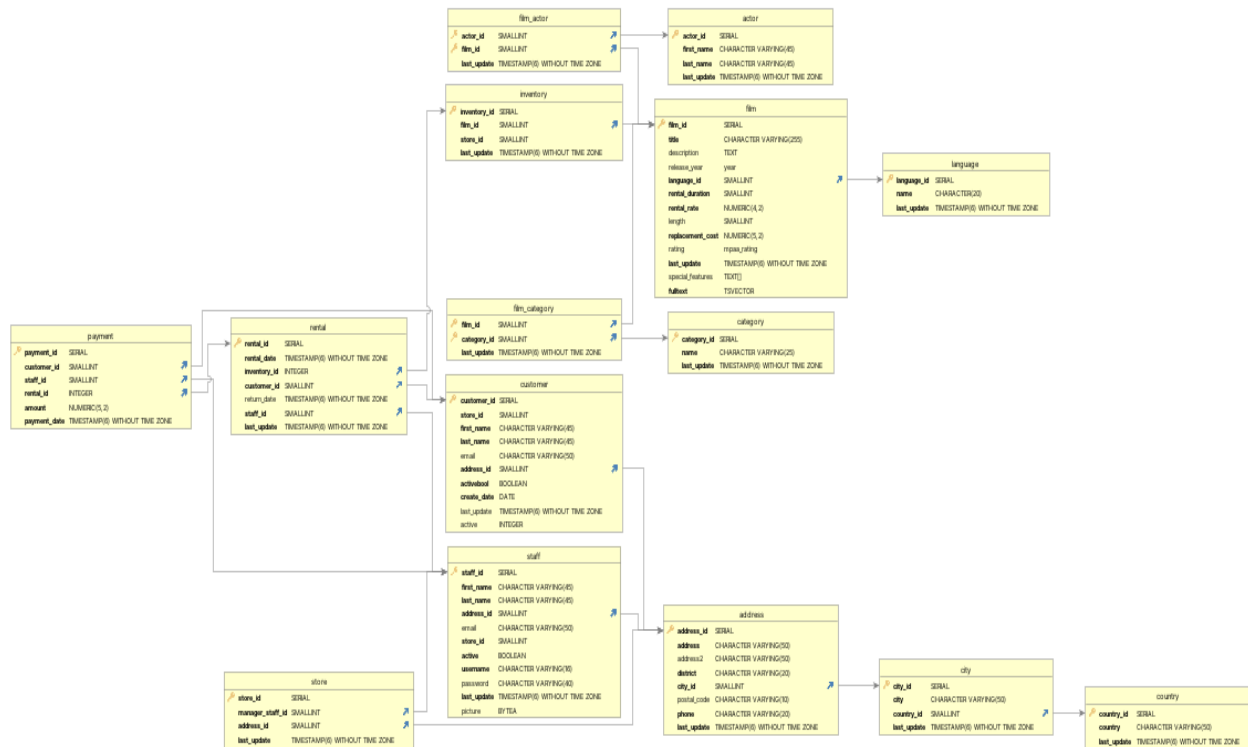
DATA DICTIONARY

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Entity Relationship Diagram



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Legend

🔑 Primary key





⇨ Foreign Key

Fact Tables: or Reality Table helps the user to investigate the business dimensions that helps him in call taking to enhance his business

Payment



	Columns	Data Type	Description
	Payment_id	Serial	Unique payment identity number
	Customer_id	Smallint	Unique Customer number
	Staff_id	Smallint	Unique staff identity number
	Rental_id	Integer	Unique rental number
	amount	Numeric(5,2)	Price of the rental
	Payment_date	Timestamp(6) without time zone	Date of payment
Links to: customer – payment.customer_id=customer.customer_id staff - payment.staff_id=staff.staff_id rental - payment.rental_id=rental.rental_id			

Rental


	Columns	Data Type	Description
	Rental_id	Integer	Unique rental number
	Rental_date	Timestamp(6) without time zone	Date of rental
	Inventory_id	Integer	Film unique identity number
	Customer_id	Smallint	Unique Customer number
	Return_date	Timestamp(6) without time zone	Film return date
	Staff_id	Smallint	Unique staff identity number
	Last_update	Timestamp(6) without time zone	Date of the last update
Links to: Inventory –rental inventory_id=inventory-inventory_id Customer- rental customer_id=customer-customer_id Staff - rental staff_id=staff-staff_id			

Dimension Tables: contain descriptions of the objects in a fact table and provide information about dimensions such as values, characteristics, and keys.



Film Actor

	Columns	Data Type	Description
 F	Actor_id	Integer	Unique Actor identity number
 F	Staff_id	Smallint	Unique staff identity number
	Last_update	Timestamp(6) without time zone	Date of the last update
Link to: Actor- film_actor-actor_id =actor-actor_id Film –film-film_id=film-film_id			



Inventory

	Columns	Data Type	Description
	Inventory id	Serial	Unique identity number for the inventory
F	Film_id	Smallint	Unique film identity number
	Store_id	Smallint	Unique store identity number
	Last_update	Timestamp(6) without time zone	Date of the last update
Link to: Film – inventory-film_id =film-film_id			



Film Category

	Columns	Data Type	Description
 F	Film_id	Smallint	Unique film identity number
 F	Category id	Smallint	Unique film category number
	Last_update	Timestamp(6) without time zone	Date of the last update
Link to: Film – film_category-film_id =film-film_id Category – film_category-category_id =category- category_id			

Customer


	Columns	Data Type	Description
	Customer_id	Serial	Unique Customer number
	Store_id	Smallint	Unique store identity number
	First name	Character Varying (45)	Customer name
	Last name	Character Varying (45)	Customer last name
	email	Character Varying (50)	Customer unique email address
	Address_id	Smallint	Customer address id
	Activebool	Boolean	Whether the customer is active or not
	Create date	Date	Customer creation date on the database
	Last_update	Timestamp(6) without time zone	Date of the last update
	Active	integer	Whether the customer is active or not
<p>Link to:</p> <p>address – customer address_id=address- address_id</p> <p>link from:</p> <p>rental – rental.customer_id=customer.customer_id</p> <p>payment - payment.customer_id=customer.customer_id</p>			

Staff



	Columns	Data Type	Description
	Staff_id	Serial	Unique staff identity number
	First name	Character Varying (45)	Staff first name
	Last name	Character Varying (45)	Staff last name
	Address id	Smallint	Staff address id
	email	Character Varying (50)	Staff unique email address
	Store_id	Smallint	Unique store identity number
	Active	Boolean	Whether the staff is active or not
	Username	Character Varying (16)	Staff unique username
	password	Character Varying (40)	Staff secret password
	Last_update	Timestamp(6) without time zone	Date of the last update
	picture	bytea	Staff passport
<p>Link to:</p> <p>address – staff address_id =address- address_id</p> <p>links from</p> <p>rental – rental.staff_id=staff.staff_id</p>			

store - store.manager_staff_id=staff.staff_id
 payment - payment.staff_id=staff.staff_id


Actor

	Columns	Data Type	Description
	Actor_id	Serial	Unique Actor identity number
	First name	Character Varying (45)	Actor first name
	Last name	Character Varying (45)	Actor last name
	Last_update	Timestamp(6) without time zone	Date of the last update
Links from:			
Film_actor - film_actor.actor_id=actor.actor_id			



Film

	Columns	Data Type	Description
	Film id	Serial	Unique film identity number
	Title	Character Varying (255)	Unique film Title or name
	Description	text	Breif description of the movies/film
	Release year	Year	Year the film was first publish
	Language_id	Smallint	Unique film language
	Rental duration	Smallint	Time duration for the film rented
	Rental rate	Numeric (4,2)	Price/amount/rental cost
	Length	Smallint	Time lag for the film rent
	Replacement cost	Numeric (4,2)	Cost of replacement if the film is lost
	Rating	Mpaa rating	Customer rating of the film
	Last_update	Timestamp(6) without time zone	Date of the last update
	Special features	Text	Addition comment/remark by customer
	fulltext	Tsvector	
Links to:			
language – film.language_id=language.language_id			
Links from:			
inventory – inventory.film_id=film.film_id			
film_actor - film_actor.film_id=film.film_id			
film_category - film_category.film_id=film.film_id			



Category

	Columns	Data Type	Description
	Category id	Smallint	Unique film category number
	Name	Character Varying (25)	Unique category name
	Last_update	Timestamp(6) without time zone	Date of the last update
Links from: film_category - film_category.category_id=category.category_id			


Address

	Columns	Data Type	Description
	Address id	Serial	Unique address identity
	Address	Character Varying (50)	Address information
	Address 2	Character Varying (50)	Address information
	District	Character Varying (50)	Address information
	City id	Smallint	Each city unique identity
	Post code	Character Varying (10)	Address information
	Phone	Character Varying (20)	Phone number
	Last_update	Timestamp(6) without time zone	Date of the last update
Links to: city - address.city_id=city.city_id Links from: store - store.address_id=address.address_id staff - staff.address_id=address.address_id customer - customer.address_id=address.address_id			


City

	Columns	Data Type	Description
	City id	Serial	Each city unique identity
	City	Character Varying (50)	City description
	Country id	smallint	Country unique id
	Last_update	Timestamp(6) without time zone	Date of the last update
Links to: country - city.country_id=country.country_id Links from: address - address.city_id=city.city_id			




Language

	Columns	Data Type	Description
	Language_id	Serial	Unique identity of the language
	Name	Character Varying (50)	Language name
	Last_update	Timestamp(6) without time zone	Date of the last update
Links from: film - film.language_id=language.language_id			

Country

	Columns	Data Type	Description
	Country_id	Serial	Unique identity of the country
	Country	Character Varying (50)	Country name
	Last_update	Timestamp(6) without time zone	Date of the last update
Links from: city - city.country_id=country.country_id			

Store

	Columns	Data Type	Description
	Store_id	Serial	Unique identity of the country
	Manager_staff_id	smallint	Unique key of manager for staff table
	Address_id	smallint	Unique key for address table
	Last_update	Timestamp(6) without time zone	Date of the last update
Links to: staff - store.address_id=address.address_id address - store.staff_id=staff.staff_id			