

Rockbuster Stealth LLC

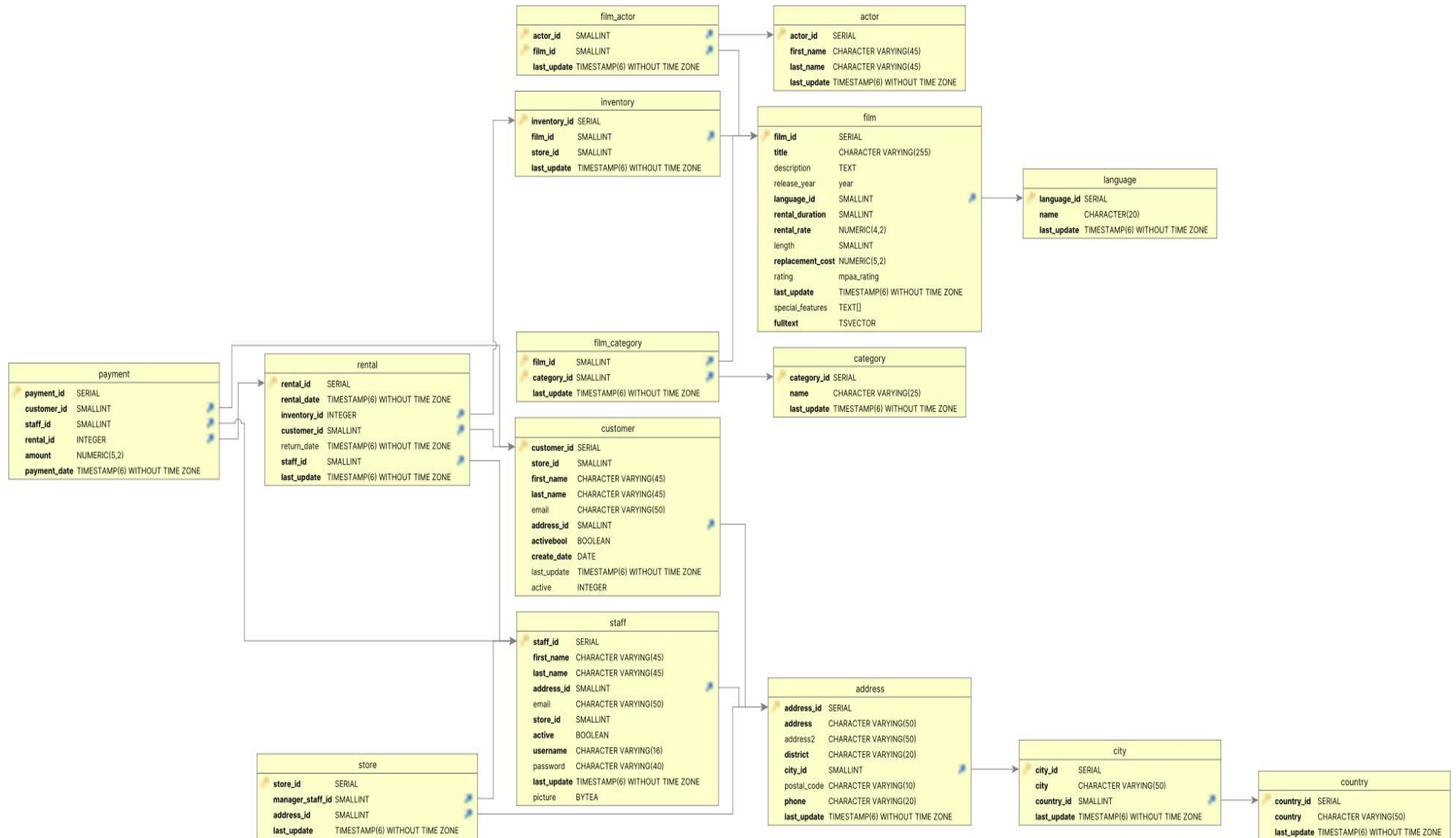
Data Dictionary







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Data Storage & Structure







FACT TABLES


PAYMENT					
Links from	Key	Columns	Data type	Description	Links to
		payment_id	serial	Unique identifier for each payment, primary key of the table.	
		customer_id	smallint	Customer identifier associated with each payment, foreign key connecting to the customer table.	Customer /customer_id
		staff_id	smallint	Staff identifier associated with each payment, foreign key connecting to the staff table.	Staff/staff_id
		rental_id	integer	Identifier of the income associated with each payment, foreign key connecting to the rental table.	Rental /rental_id
		amount	numeric(5,2)	Amount of the payment made, stores monetary value of each transaction.	
		payment_date	timestamp(6) without time zone	Exact date and time of each payment transaction.	



RENTAL					
Links from	Key	Columns	Data type	Description	Links to
Payment/rental_id		rental_id	serial	Unique identifier for each rental, primary key.	
		rental_date	timestamp(6) without time zone	Exact date and time of rental.	
		inventory_id	integer	Identifier of a film to be rented, foreign key connecting to the the inventory table.	Inventory/inventory_id
		customer_id	smallint	Customer identifier, foreign key connecting to the customer table.	Customer/customer_id
		return_date	timestamp(6) without time zone	Exact date and time when the rental was returned.	
		staff_id	smallint	Identifier of the staff member involved in the rental transaction,foreign key connecting to the staff table	Staff/staff_id
		last_update	timestamp(6) without time zone	Exact date and time when the rental record was last updated.	


DIMENSIONS TABLES



INVENTORY					
Links from	Key		Data type	Description	Links to
Rental/inventory_id		inventory_id	serial	Unique identifier for each inventory item, primary key of the table.	
		film_id	smallint	Identifier of the film associated with the element of the inventory., foreign key connecting to the film table.	Film/film_id
		store_id	smallint	Identifier of the store associated with the inventory item. This column may represent the physical location of the inventory in a specific store.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the inventory record.	


FILM					
Links from	Key	Columns	Data type	Description	Links to
Film_Actor/film_id , Inventory/film_id , Film_Category/film_id		film_id	serial	Unique identifier for each film, primary key of the table.	
		title	character varying(255)	Title of the film. Maximum length of 255 characters.	
		description	text	This column stores the description of the film in text format.	
		release_year	year	Year of release of the film.	
		language_id	smallint	Identifier of the language of the film. Foreign key connecting to the language table.	Language/language_id
		rental_duration	smallint	Duration of the rental in days.	
		rental_rate	numeric(4,2)	Rental rate for the film. It can store numbers with up to 4 digits in total, including 2 decimals.	
		length	smallint	Duration of the film in minutes.	
		replacement_cost	numeric(5,2)	Replacement cost of the film. It can store numbers with up to 5 digits in total, including 2 decimal places.	
		rating	mpaa_rating	Rating of the film according to the MPAA rating system	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the film record.	
		special_features	text[]	Special features of the film, stored in a text format.	
		fulltext	tsvector	Full text field for full text searches.	



LANGUAGE					
Links from	Key	Columns	Data type	Description	Links to
Film/language_id		language_id	serial	Unique identifier for each language, primary key of the table.	
		name	character(20)	Name of the language, with a maximum length of 20 alphanumeric characters.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the language record.	



FILM ACTOR					
Links from	Key	Columns	Data type	Description	Links to
		actor_id	smallint	Identifier of the actor, composite key , foreign key connecting the actor table.	Actor/actor_id
		film_id	smallint	Identifier of the film, composite key , foreign key connecting to the film table.	Film/film_id
		last_update	timestamp(6) without time zone	Exact date and time of the last update.	




ACTOR					
Links from	Key	Columns	Data type	Description	Links to
Film_Actor/actor_id		actor_id	serial	Unique identifier for each actor in database, primary key of the table.	
		first_name	character varying(45)	Stores the first name of the actor with a maximum length of 45 characters.	
		last_name	character varying(45)	Stores the actor's last name with a maximum length of 45 characters.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the actor's record.	



FILM CATEGORY					
Links from	Key	Columns	Data type	Description	Links to
		film_id	smallint	Identifier of the film, composite key, foreign key connecting the film table.	Film/film_id
		category_id	smallint	Identifier of the category of the film, composite key, foreign key connecting to the "category" table.	Category/film_id
		last_update	timestamp(6) without time zone	Exact date and time of the last update.	



CATEGORY					
Links from	Key	Columns	Data type	Description	Links to
Film_Category/category_id		category_id	serial	Unique identifier for each category, primary key of the table.	
		name	character varying(25)	Name of the film category. Maximum length of 25 characters.	
		last_update	timestamp(6) without time zone	Date and exact time of the last update of the category record.	


CUSTOMER					
Links from	Key	Columns	Data type	Description	Links to
Payment/customer_id , Rental/customer_id		customer_id	serial	Unique identifier for each customer, primary key of the table.	
		store_id	smallint	Identifier of the store associated with the customer.	
		first_name	character varying(45)	First name of the customer. Maximum length of 45 characters.	
		last_name	character varying(45)	Last name of the customer. Maximum length of 45 characters.	
		email	character varying(50)	Customer's email address. Maximum length of 50 characters.	
		address_id	smallint	Identifier of the address associated with the customer, foreign key connecting to the "address" table	Address/address_id
		activebool	boolean	Boolean indicator showing whether the client is active or not.	
		create_date	date	Date on which the client record was created.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the client record.	
		active	integer	Numeric indicator showing whether the client is active or not.	

STAFF					
Links from	Key	Columns	Data type	Description	Links to
Payment/staff_id , Store/Manager_staff_id, Rental/staff_id		staff_id	serial	Unique identifier for each staff member, primary key of the table.	
		first_name	character varying(45)	First name of the staff member. Maximum length of 45 characters.	
		last_name	character varying(45)	Last name of the staff member. Maximum length of 45 characters.	
		address_id	smallint	Identifier of the address associated with the staff member., foreign key connecting to the address table.	Address/address_id
		email	character varying(50)	Email address of the staff member. Maximum length of 50 characters.	
		store_id	smallint	Identifier of the store to which the staff member is assigned	
		active	boolean	Boolean indicator showing whether the staff member is active or not.	
		username	character varying(16)	Username used by the staff member to log in to the system. Maximum length of 16 characters.	
		password	character varying(40)	Password used by the staff member to log into the system. Maximum length of 40 characters.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the staff record.	
		picture	bytea	Binary representation of the staff picture	

STORE					
Links from	Key	Columns	Data type	Description	Links to
		store_id	serial	Unique identifier for each store, primary key of the table.	
		manager_staff_id	smallint	Identifier of the store manager staff, foreign key connecting to the staff table	Staff/staff_id
		address_id	smallint	Store address identifier,foreign key connecting to the address table.	Address/address_id
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the store record	

ADDRESS					
Links from	Key	Columns	Data type	Description	Links to
Store/address_id, Customer/address_id, Staff/address_id		address_id	serial	Unique identifier for each address, primary key of the table.	
		address	character varying(50)	Primary address line. It stores the main address with a maximum length of 50 characters.	
		address2	character varying(50)	Secondary address line. It stores additional address details with a maximum length of 50 characters.	
		district	character varying(20)	District or area of the address. It stores the district or area of the address with a maximum length of 20 characters.	
		city_id	smallint	Identifier of the city associated with the address, foreign key connecting to the city table.	City/city_id
		postal_code	character varying(10)	Postal code of the address. Maximum length of 10 Characters.	
		phone	character varying(20)	Phone number associated with the address. Maximum length of 20 Characters.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the address record.	

CITY					
Links from	Key	Columns	Data type	Description	Links to
Address/city_id		city_id	serial	Unique identifier for each city, primary key of the table.	
		city	character varying(50)	The column stores the city name with a maximum length of 50 characters.	
		country_id	smallint	Identifier of the country to which the city belongs, foreign key connecting to the country table.	Country/country_id
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the city record.	

COUNTRY					
Links from	Key	Columns	Data type	Description	Links to
City/city_id		country_id	serial	Unique identifier for each country, primary key of the table.	
		country	character varying(50)	The column stores the country name with a maximum length of 50 characters.	
		last_update	timestamp(6) without time zone	Exact date and time of the last update of the country record.	