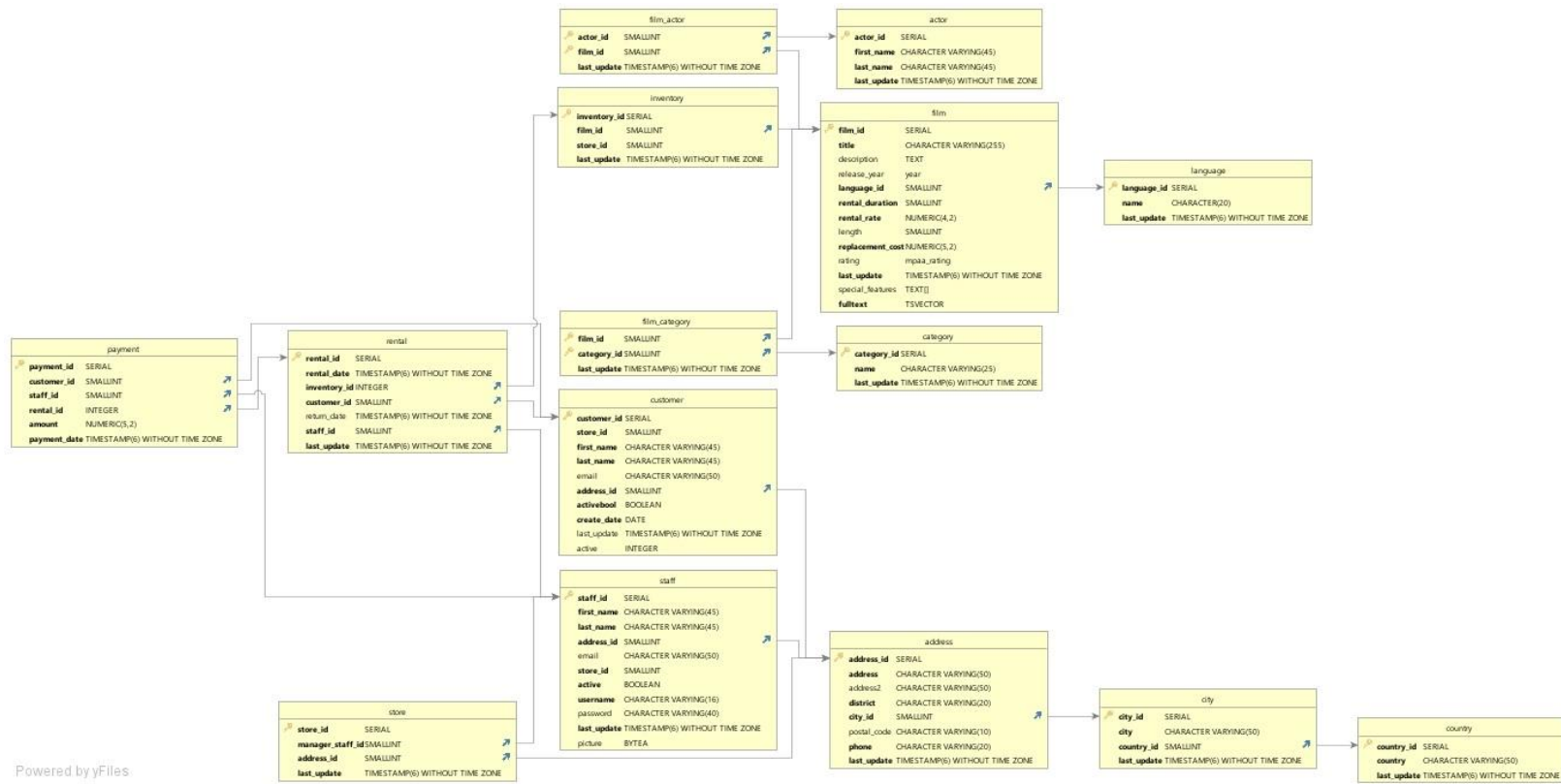


# **Rockbuster Stealth Data Dictionary**



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# ENTITY RELATIONSHIP DIAGRAM







## LEGEND



	<b>Primary Key</b>
	<b>Foreign Key</b>





## FACT TABLE


Rental					
Key	Column	Data Type	Description	Links From	Links to
	Rental_id	SERIAL	ID assigned to each rental	payment	
	Rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date the transaction occurred		
	Inventory_id	INTEGER	ID assigned to each item stored in inventory		Inventory
	Customer_id	SMALLINT	ID assigned to each customer		Customer
	Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date item was returned		
	Staff_id	SMALLINT	ID assigned to each staff member		staff
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		





## DIMENSION TABLE



Payment					
Key	Column	Data Type	Description	Links From	Links to
	Payment_id	SERIAL	ID assigned to each payment		
	Customer_id	SMALLINT	ID assigned to each customer		Customer
	Staff_id	SMALLINT	ID assigned to each staff member		Staff
	Rental_id	INTEGER	ID assigned to each rental		Rental
	Amount	NUMERIC (5,2)	Total cost of each transaction		
	Payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date the payment transaction occurred		

Inventory					
Key	Column	Data Type	Description	Links From	Links to
	Inventory_id	SERIAL	ID assigned to each item in inventory	Rental	
	Film_id	SMALLINT	ID assigned to each film		Film
	Store_id	SMALLINT	ID assigned to each store		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		


Film_actor					
Key	Column	Data Type	Description	Links From	Links to
	Actor_id	SMALLINT	ID assigned to each actor in the film		Actor
					
	Film_id	SMALLINT	ID assigned to each film		Film
					
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		



Actor					
Key	Column	Data Type	Description	Links From	Links to
	Actor_id	SERIAL	ID assigned to each actor in the film	Film_actor	
	First_name	CHARACTER VARYING(45)	The actor's first name		
	Last_name	CHARACTER VARYING(45)	The actor's last name		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		



Film_category					
Key	Column	Data Type	Description	Links From	Links to
 	Film_id	SERIAL	ID assigned to each film		film
 	Category_id	SMALLINT	ID assigned to each category of film		Category
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		




Film					
Key	Column	Data Type	Description	Links From	Links to
	Film_id	SERIAL	ID assigned to each film	Inventory, film_category	
	Title	CHARACTER_VARYING(25)	Title of the film		
	Description	TEXT	Description of the film		
	Release_year	Year	Year the film was released		
	Language_id	SMALLINT	ID assigned to each language of the film		language
	Rental_duration	SMALLINT	Length of how long the rental was for		
	Rental_rate	NUMERIC(4,2)	Rate at which the film is being charged to rent		
	Length	SMALLINT	Duration of the film		

	Replacement_cost	NUMERIC(5,2)	Cost to replace the film		
	Rating	Mpaa_rating	Rating of the film		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		
	Special_feature	TEXT	Special features of the film		
	fulltext	TSVECTOR	Keywords in the film		



Category					
Key	Column	Data Type	Description	Links From	Links to
	Category_id	SERIAL	ID assigned to each category of film	Film_category	
	Name	CHARACTER VARYING(25)	Name of each category		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		



Customer					
Key	Column	Data Type	Description	Links From	Links to
	Customer_id	SERIAL	ID assigned to each customer		
	Store_id	SMALLINT	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	SMALLINT	Customer's address		
	Activebool	BOOLEAN	If the customer's account is active		
	Create_date	DATE	Date the customer signe dup		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		
	active	INTEGER	If the customer is active		


Staff					
Key	Column	Data Type	Description	Links From	Links to
	Staff_id	SERIAL	ID assigned to each staff member	Payment, rental	
	First_name	CHARACTER VARYING(45)	Staff's first name		
	Last_name	CHARACTER VARYING(45)	Staff's last name		
	Address_id	SMALLINT	Staff's address		address
	Email	CHARACTER VARYING(50)	Staff's email address		
	Store_id	SMALLINT	ID assigned to each store		
	Active	BOOLEAN	If the staff 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 the transaction was last updated		
	picture	BYTEA	Picture of the staff		

Store					
Key	Column	Data Type	Description	Links From	Links to
	Store_id	SERIAL	ID assigned to each store		
	Manager_staff_id	SMALLINT	ID of the manager		staff
	Address_id	SMALLINT	Address of the staff member		address
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		



Address					
Key	Column	Data Type	Description	Links From	Links to
	Address_id	SERIAL	Address associated with the account	Customer, staff, store	
	Address	CHARACTER VARYING(50)	Primary address of the account		
	Address2	CHARACTER VARYING(50)	Secondary address of the account		
	District	CHARACTER VARYING(20)	District the address is located in		
	City_id	SMALLINT	ID of the city		city
	Postal_code	CHARACTER VARYING(10)	Postal code		
	Phone	CHARACTER VARYING(20)	Phone number		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		

City					
Key	Column	Data Type	Description	Links From	Links to
	City_id	SERIAL	ID of the city	address	
	City	CHARACTER VARYING(50)	The name of the city		
	Country_id	SMALLINT	ID of the country		country
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		

Country					
Key	Column	Data Type	Description	Links From	Links to
	Country_id	SERIAL	ID of the country	city	
	Country	CHARACTER VARYING(50)	Name of the country		
	Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time the transaction was last updated		