

Rockbuster Stealth

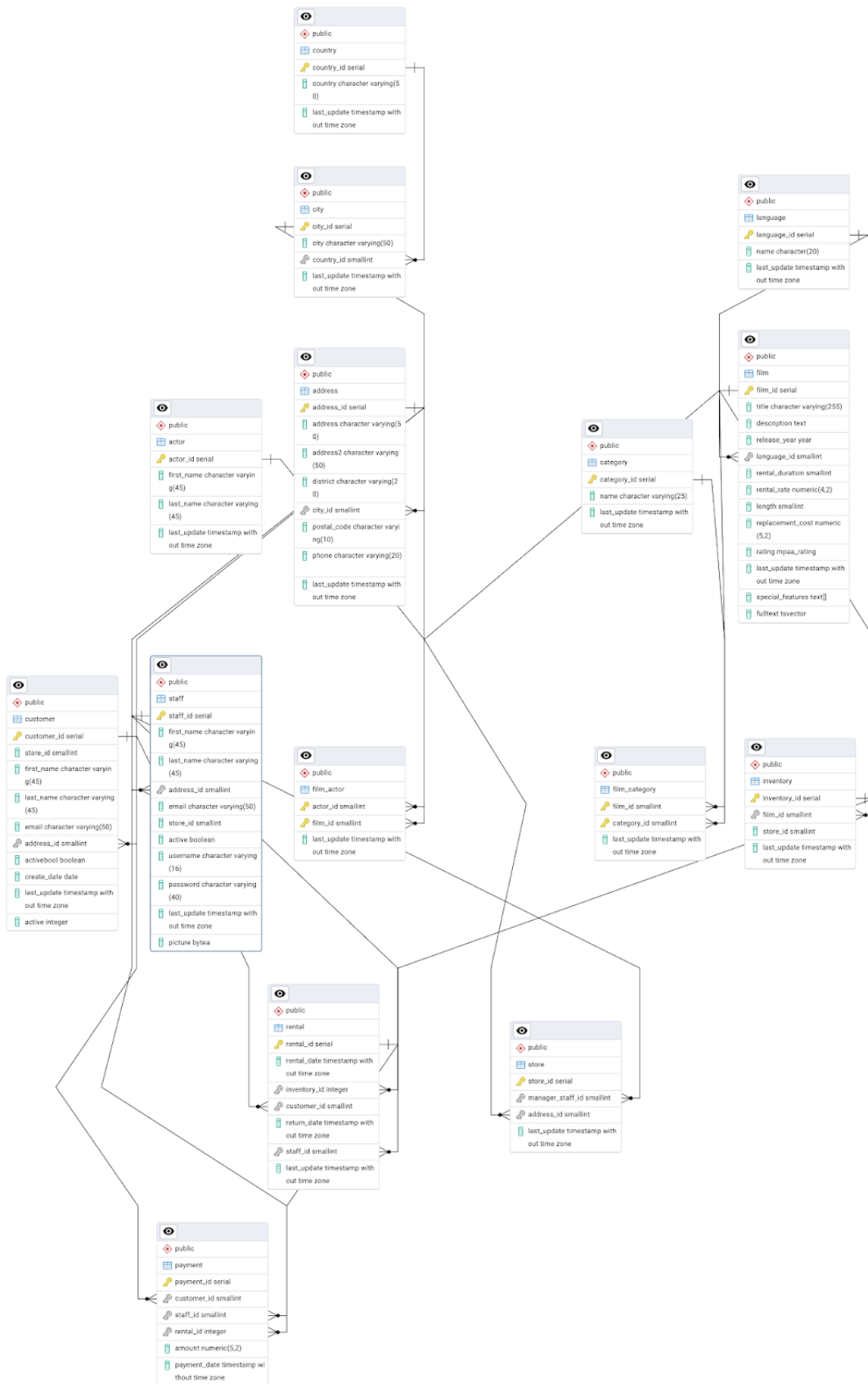
Data Dictionary

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1. Entity Relationship Diagram (ERD)



2. Legend



Primary Key







Foreign Key





3. Tables

2.1 Fact Tables

Payment


Key Type	Column Name	Data Type	Description
	payment_id	integer	Unique identifier for the payment
	customer_id	smallint	Identifier for the customer (foreign key)
	staff_id	smallint	Identifier for the staff (foreign key)
	rental_id	integer	Identifier for the rental (foreign key)
	amount	numeric	Amount of the payment
	payment_date	timestamp without time zone	Date and time of the payment

Rental

Key Type	Column Name	Data Type	Description
	rental_id	integer	Unique identifier for the rental
	rental_date	timestamp without time zone	Date and time when the rental started
	inventory_id	integer	Identifier for the inventory (foreign key)
	customer_id	smallint	Identifier for the customer (foreign key)
	return_date	timestamp without time zone	Date and time when the rental was returned
	staff_id	smallint	Identifier for the staff (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the rental record



2.2 Dimensions Tables

Actor


Key Type	Column Name	Data Type	Description
	actor_id	integer	Unique identifier for the actor
	first_name	character varying	Actor's first name
	last_name	character varying	Actor's last name

	last_update	timestamp without time zone	Timestamp of the last update for the actor record
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Address

Key Type	Column Name	Data Type	Description
	address_id	integer	Unique identifier for the address
	address	character varying	Street address
	address2	character varying	Additional address information
	district	character varying	District or region within the city
	city_id	smallint	Identifier for the city (foreign key)
	postal_code	character varying	Postal code
	phone	character varying	Phone number
	last_update	timestamp without time zone	Timestamp of the last update for the address record


Category

Key Type	Column Name	Data Type	Description
	category_id	integer	Unique identifier for the category
	name	character varying	Name of the category
	last_update	timestamp without time zone	Timestamp of the last update for the category record



City


Key Type	Column Name	Data Type	Description
	city_id	integer	Unique identifier for the city
	city	character varying	Name of the city
	country_id	smallint	Identifier for the country (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the city record

Country



Key Type	Column Name	Data Type	Description
	country_id	integer	Unique identifier for the country
	country	character varying	Name of the country
	last_update	timestamp without time zone	Timestamp of the last update for the country record

Customer

Key Type	Column Name	Data Type	Description
	customer_id	integer	Unique identifier for the customer
	store_id	smallint	Identifier for the store where the customer made purchases





	first_name	character varying	Customer's first name
	last_name	character varying	Customer's last name
	email	character varying	Customer's email address
	address_id	smallint	Identifier for the address (foreign key)
	activebool	boolean	Indicates if the customer is active
	create_date	date	Date the customer record was created
	last_update	timestamp without time zone	Timestamp of the last update for the customer record
	active	integer	Additional status indicator for the customer

Film

Key Type	Column Name	Data Type	Description
	film_id	integer	Unique identifier for the film
	title	character varying	Title of the film
	description	text	Description of the film
	release_year	integer	Year the film was released
	language_id	smallint	Identifier for the language of the film (foreign key)
	rental_duration	smallint	Duration of the film rental in days
	rental_rate	numeric	Rental rate of the film
	length	smallint	Length of the film in minutes





	replacement_cost	numeric	Replacement cost of the film
	rating	USER-DEFINED	Rating of the film
	last_update	timestamp without time zone	Timestamp of the last update for the film record
	special_features	ARRAY	Array of special features of the film
	fulltext	tsvector	Full-text search vector for the film

Film_actor




Key Type	Column Name	Data Type	Description
			
	actor_id	smallint	Identifier for the actor (foreign key)
			
	film_id	smallint	Identifier for the film (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the film-actor record

Film_category

Key Type	Column Name	Data Type	Description
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	film_id	smallint	Identifier for the film (foreign key)
			
	category_id	smallint	Identifier for the category (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the film-category record

Inventory




Key Type	Column Name	Data Type	Description
	inventory_id	integer	Unique identifier for the inventory record
	film_id	smallint	Identifier for the film (foreign key)
	store_id	smallint	Identifier for the store (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the inventory record

Language




Key Type	Column Name	Data Type	Description
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	language_id	integer	Unique identifier for the language
	name	character	Name of the language
	last_update	timestamp without time zone	Timestamp of the last update for the language record

Staff

Key Type	Column Name	Data Type	Description
	staff_id	integer	Unique identifier for the staff
	first_name	character varying	Staff member's first name
	last_name	character varying	Staff member's last name
	address_id	smallint	Identifier for the address (foreign key)
	email	character varying	Staff member's email address
	store_id	smallint	Identifier for the store (foreign key)
	active	boolean	Indicates if the staff member is active
	username	character varying	Username for staff login
	password	character varying	Password for staff login
	last_update	timestamp without time zone	Timestamp of the last update for the staff record
	picture	bytea	Profile picture of the staff

Store

Key Type	Column Name	Data Type	Description
	store_id	integer	Unique identifier for the store
	manager_staff_id	smallint	Identifier for the store manager (staff)
	address_id	smallint	Identifier for the address (foreign key)
	last_update	timestamp without time zone	Timestamp of the last update for the store record