

Rockbuster Stealth

Data Dictionary

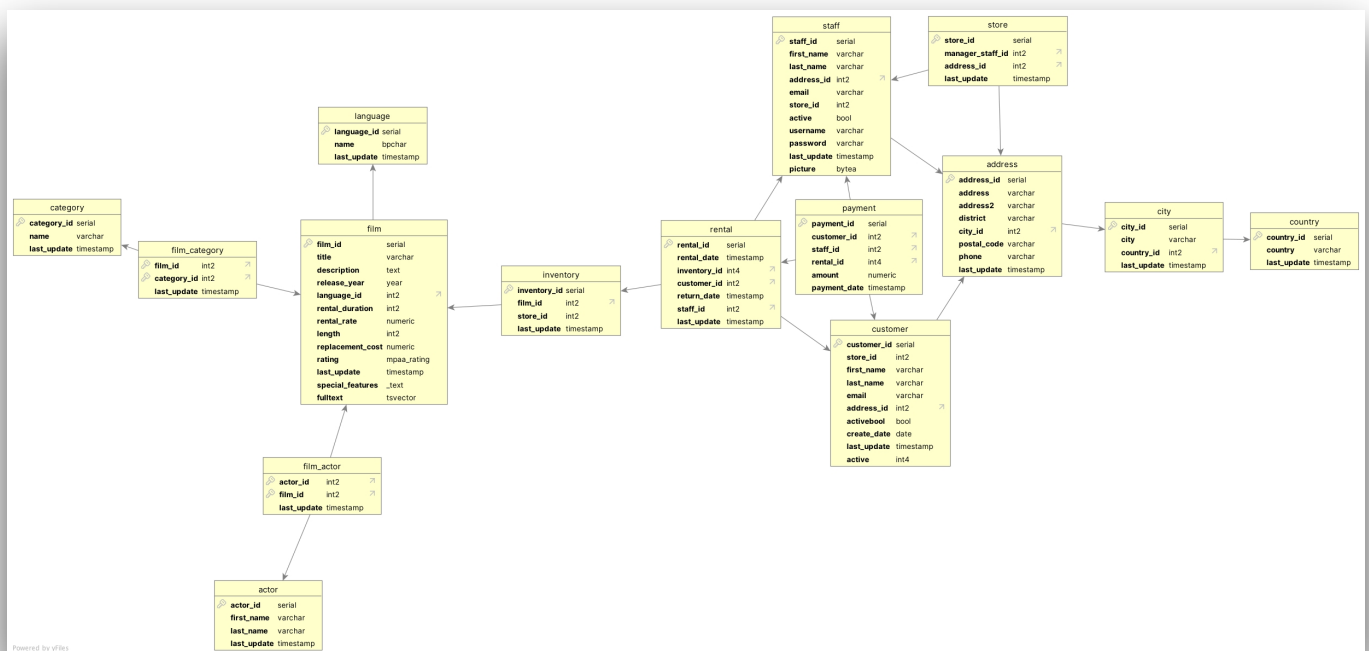
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Overview




This data dictionary is like a treasure map for the Rockbuster Stealth Database. It shows you everything about the database, including the tables, their fields, how they're connected, and the rules that govern them. This way, you'll know exactly how the database is set up and how the data is organized.

Relationships and Keys:







Facts Tables:



Rental table

	Columns	Key	Data type	Description
	rental_id	Primary	INTEGER	A unique identifier for each rental transaction.
	rental_date	N/A	TIMESTAMP WITHOUT TIME ZONE	The date and time when the rental occurred.
	inventory_id	Foreign	SMALLINT	References a specific rental unit from inventory.
	customer_id	Foreign	SMALLINT	References the customer making the rental.
	return_date	N/A	TIMESTAMP WITHOUT TIME ZONE	The date and time when the rental was returned.
	staff_id	Foreign	SMALLINT	References the staff member handling the rental.
	last_update	N/A	TIMESTAMP WITHOUT TIME ZONE	The date and time of the last update.



Payment

	Columns	Key	Data type	Description
	payment_id	Primary	Integer	A unique identifier for each payment transaction.
	customer_id	Foreign	SMALLINT	References the customer making the payment.
	staff_id	Foreign	SMALLINT	References the staff processing the payment.
	rental_id	Foreign	INTEGER	References the related rental transaction.
	amount	N/A	numeric	The amount paid.
	payment_date	N/A	TIMESTAMP WITHOUT TIME ZONE	The date and time of the payment.




Film_Actor

	Columns	Key	Data type	Description
	actor_id	Foreign	SMALLINT	References a specific actor.
	film_id	Foreign	SMALLINT	References a specific film.
	last_update	N/A	timestamp	The date and time of the last update.

Film_Category



	Columns	Key	Data type	Description
	film_id	Foreign	SMALLINT	References a specific film.
	category_id	Foreign	SMALLINT	References a specific category.
	last_update	N/A	timestamp	The date and time of the last update.

Inventory


	Columns	Key	Data type	Description
	inventory_id	Primary	serial	A unique identifier assigned to a rental unit.
	film_id	Foreign	smallint	A unique identifier assigned to a specific film.
	store_id	Foreign	smallint	A unique identifier assigned to a specific store.
	last_update	N/A	timestamp	Date and time of the last update.

Dimension Tables


Film

	Columns	Key	Data type	Description
	film_id	Primary	serial	A unique identifier for each film.
	title	N/A	varchar	The title of the film.
	description	N/A	text	A brief description of the film.
	release_year	N/A	year	The release year of the film.
	language_id	Foreign	int2	References the language of the film.
	rental_duration	N/A	int2	The rental duration in days.
	rental_rate	N/A	numeric	The rental rate of the film.
	length	N/A	int2	The length of the film in minutes.
	rating	N/A	mpaa_rating	The film's rating (e.g., PG, R).
	last_update	N/A	timestamp	The date and time of the last update.
	special_features	N/A	text	Special features of the film.
	fulltext	N/A	tsvector	Full-text search vector for the film.


Actor

	Columns	Key	Data type	Description
	actor_id	Primary	serial	A unique identifier for each actor.
	first_name	N/A	varchar	The first name of the actor.
	last_name	N/A	varchar	The last name of the actor.
	last_update	N/A	timestamp	The date and time of the last update.




Category

	Columns	Key	Data type	Description
	category_id	Primary	serial	A unique identifier for each category.
	name	N/A	varchar	The name of the category.
	last_update	N/A	timestamp	The date and time of the last update.



Language

	Columns	Key	Data type	Description
	language_id	Primary	serial	A unique identifier for each language.
	name	N/A	bpchar	The name of the language.
	last_update	N/A	timestamp	The date and time of the last update.


Store

	Columns	Key	Data type	Description
	store_id	Primary	serial	A unique identifier for each store.
	manager_staff_id	Foreign	int2	References the staff member managing the store.
	address_id	Foreign	int2	References the address of the store.
	last_update	N/A	timestamp	The date and time of the last update.

Address


	Columns	Key	Data type	Description
	address_id	Primary	serial	A unique identifier for each address.
	address	N/A	varchar	Street address.
	address2	N/A	varchar	Additional address information.
	district	N/A	varchar	The district or region.
	city_id	Foreign	smallint	References the city.
	postal_code	N/A	varchar	The postal code for the address.
	phone	N/A	varchar	The phone number associated with the address.
	last_update	N/A	timestamp	The date and time of the last update.

City

	Columns	Key	Data type	Description
	city_id	Primary	serial	A unique identifier for each city.
	city	N/A	varchar	The name of the city.

	country_id	Foreign	smallint	References the associated country.
	last_update	N/A	timestamp	The date and time of the last update.

Country

	Columns	Key	Data type	Description
	country_id	Primary	serial	A unique identifier for each country.
	country	N/A	varchar	The name of the country.
	last_update	N/A	timestamp	The date and time of the last update.