

Rockbuster Stealth LLC

DATA DICTIONARY

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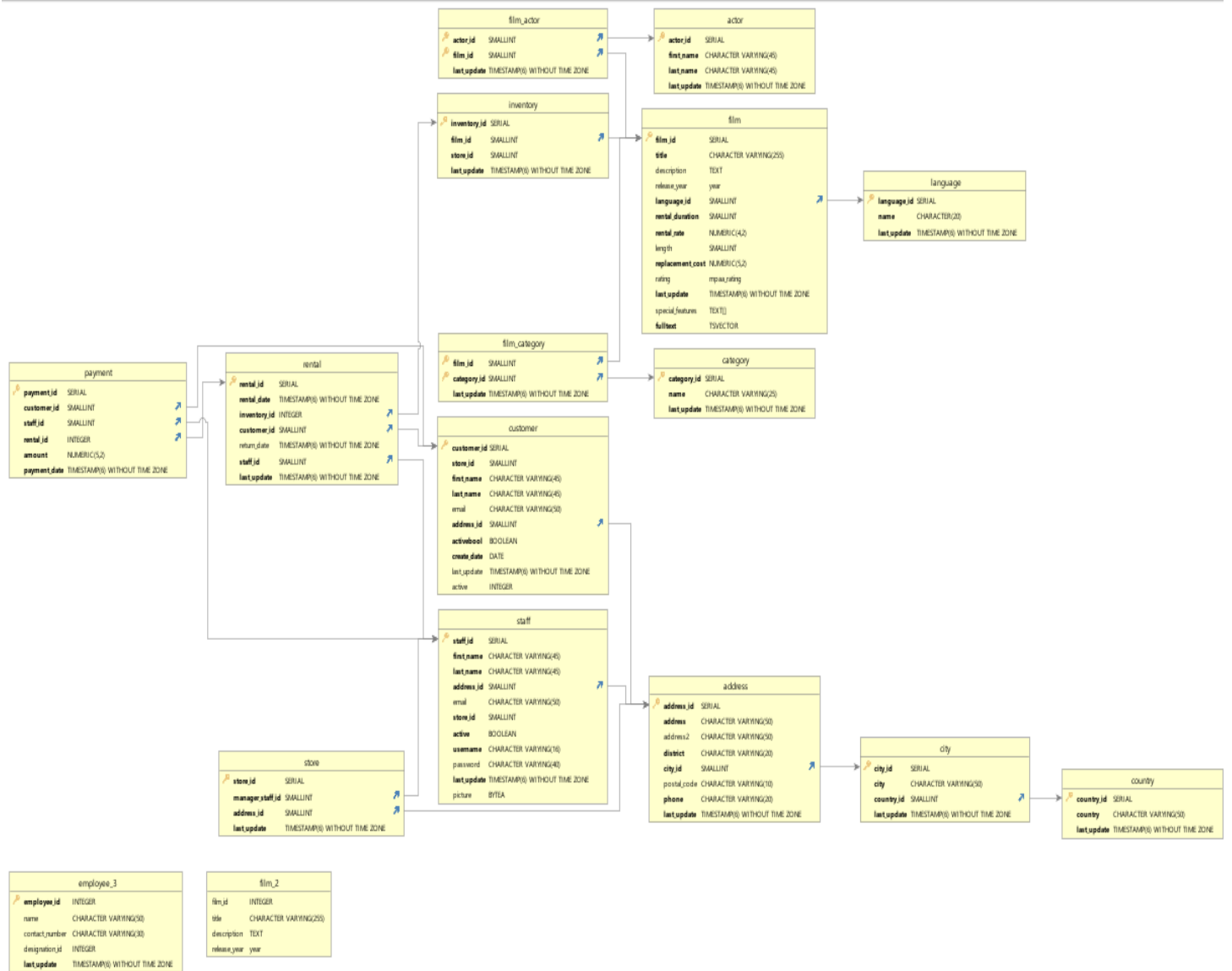
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Legend





SYMBOL	Name	Description
	Primary key	Is a column or set of columns that acts as a unique identifier for each record in a table. There can only be one primary key within a table.
	Foreign key	Is a column, or set of columns, that refers to the primary key in another table.

Entity Relationship Diagram(ERD)







rental

Fact Table

Primary Key	Links From	Columns	Data Type	Description	Foreign key	Links To
	payment_id	rental_id	SERIAL	number assigned to rental		
		rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date rental occurred		
		inventory_id	INTEGER	number assigned to inventory		inventory
		customer_id	SMALLINT	number assigned to customer		customer
		return_date	TIMESTAMP(6) WITHOUT TIME ZONE	date return occurred		
		staff_id	SMALLINT	number assigned to staff		staff
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date last update occurred		





payment

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
		payment_id	SERIAL	Number assigned to payment		
		customer_id	SMALLINT	Number assigned to customer		customer
		staff_id	SMALLINT	Number assigned to staff		staff
		rental_id	INTEGER	Number assigned to rental		rental
		amount	NUMERIC(5,2)	Amount of payment		
		payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date payment occurred		


store

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
		store_id	SERIAL	number assigned to store		
		manager_staff_id	SMALLINT	number assigned to manage		staff
		address_id	SMALLINT	number assigned to store's address		address
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		



actor

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	film_actor	actor_id	SERIAL	number assigned to actor		
		first_name	CHARACTER VARYING(45)	actor's first name		
		last_name	CHARACTER VARYING(45)	actor's last name		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		





inventory

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	rental	inventory_id	SERIAL	number assigned to inventory		
		film_id	SMALLINT	number assigned to film		film
		store_id	SMALLINT	number assigned to store		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		



film_category

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
		film_id	SMALLINT	number assigned to film		film
		category_id	SMALLINT	number assigned to category		category
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		



customer

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	rental, payment	customer_id	SERIAL	number assigned to customer		
		store_id	SMALLINT	number assigned to store		
		first_name	CHARACTER VARYING(45)	number assigned to store		
		last_name	CHARACTER VARYING(45)	customer's last name		
		email	CHARACTER VARYING(50)	customer's email		
		address_id	SMALLINT	customer's address		address
		activebool	BOOLEAN	if customer interacts		
		create_date	DATE	date customer was created		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		
		active	INTEGER	rank perhaps of interaction		





staff

Dimension Table



Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	payment	staff_id	SERIAL	number assigned to staff		
		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		
		store_id	SMALLINT	number assigned to store		
		active	BOOLEAN	if staff is active		
		username	CHARACTER VARYING(16)	staff's created username		
		password	CHARACTER VARYING(40)	staff's created password		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		
		picture	BYTEA	staff's photo		

film_actor

Dimension Table


Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
		actor_id	SMALLINT	number assigned to actor		actor
		film_id	SMALLINT	number assigned to film		film
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	film_actor, film_category, inventory	film_id	SERIAL	number assigned to filmi		
		title	CHARACTER VARYING (255)	title of film		
		description	TEXT	description of film		
		release year	year	year film released		
		language_id	SMALLINT	number assigned to language		language
		rental_duration	SMALLINT	length of rental		
		rental_rate	NUMERIC(4,2)	price of rental		
		length	SMALLINT	length of film		
		replacement_cost	NUMERIC(5,2)	cost to replace film		
		rating	mpaa_rating	mpaa rating		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		
		special_features	TEXT]	if film has special features		
		fulltext	TSVECTOR	dialogue of film		



category

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	film_category	category_id	SERIAL	number assigned to category		
		name	CHARACTER VARYING(25)	name of category		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		


address

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	store, staff, customer	address_id	SERIAL	number assigned to address		
		address	CHARACTER VARYING(50)	address		
		address2	CHARACTER VARYING(50)	line 2 of address		
		district	CHARACTER VARYING(50)	state/territory/district		
		city_id	SMALLINT	number assigned to city		city
		postal_code	CHARACTER VARYING(10)	post/zip code		
		phone	CHARACTER VARYING(20)	phone number		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		



language

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	film	language_id	SERIAL	number assigned to language		
		name	CHARACTER(20)	name of language		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		


city

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	address	city_id	SERIAL	number assigned to city		
		city	CHARACTER VARYING(50)	name of city		
		country_id	SMALLINT	number assigned to country		country
		last_update	TIMESTAMP(6) WITHOUT TIME ZON	date last update occurred		

country

Dimension Table

Primary Key	Links From	Columns	Data Type	Description	Foreign Key	Links To
	city	country_id	SERIAL	number assigned to country		
		country	CHARACTER VARYING(50)	name of country		
		last_update	TIMESTAMP(6) WITHOUT TIME ZONE	date last update occurred		