

Rockbuster Database Dictionary

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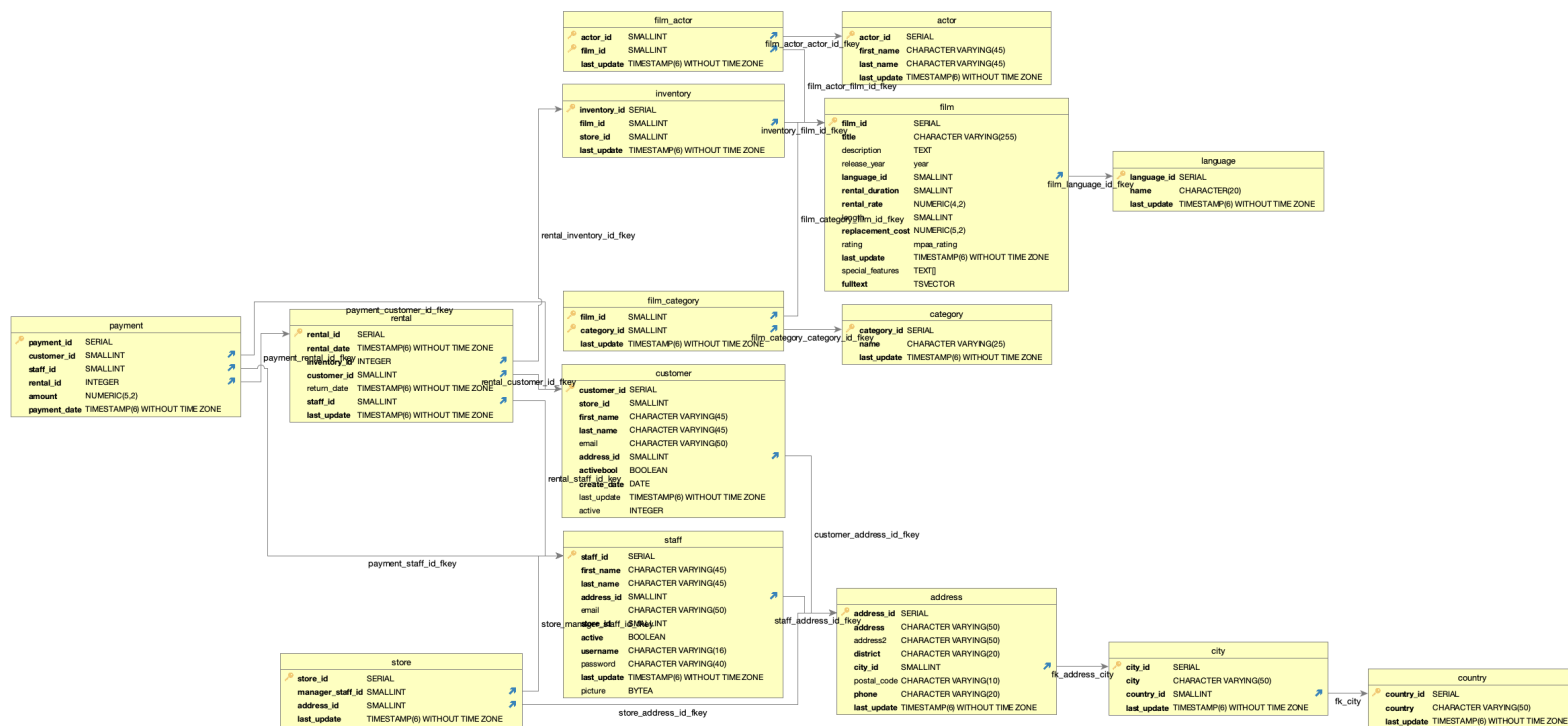
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Red= primary key
Blue=foreign key

Fact Table Name				
rental				
Column	Data Type	Description of Column	Table it links to	Table it links from
rental_id	SERIAL	number assigned to the transaction		payment
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	date of rental transaction		
inventory_id	INTEGER	number assigned to movie being rented	inventory	
customer_id	SMALLINT	number assigned to customer renting the movie	customer	
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	date movie was returned		
staff_id	SMALLINT	number assigned to employee checking out customer	staff	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
payment				
Column	Data Type	Description of Column	Table it links to	Table it links from
payment_id	SERIAL	number assigned to payment transaction		
customer_id	SMALLINT	number assigned to customer renting the movie	customer	
staff_id	SMALLINT	number assigned to employee checking out customer	staff	
rental_id	INTEGER	number assigned to the transaction	rental	
amount	NUMERIC(5,2)	amount of money charged for rental		
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	date of payment		

Dimension Table Name				
film_actor				
Column	Data Type	Description of Column	Table it links to	Table it links from
actor_id	SMALLINT	number assigned to name of an actor	actor	
film_id	SMALLINT	number assigned to title of film	film	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
inventory				
Column	Data Type	Description of Column	Table it links to	Table it links from
inventory_id	SERIAL	number assigned to movie being rented	film	rental
film_id	SMALINT	number assigned to title of film		
store_id	SMALLINT	number assigned to a specific store		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
film_category				
Column	Data Type	Description of Column	Table it links to	Table it links from
film_id	SMALLINT	number assigned to title of film	film	
category_id	SMALLINT	genre code for film	category	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
customer				
Column	Data Type	Description of Column	Table it links to	Table it links from
customer_id	SERIAL	number assigned to customer renting the movie		rental
store_id	SMALLINT	number assigned to a specific store		
first_name	CHARACTER VARYING(45)	first name of customer		
last_name	CHARACTER VARYING(45)	last name of customer		
email	CHARACTER VARYING(50)	customer's email address		
address_id	SMALLINT	number assigned to street address of customer	address	
activebool	BOOLEAN	is the customer active, true or false?		
create_date	DATE	date entry was created		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		
active	INTEGER	number assigned to indicate an active customer or not		

Dimension Table Name				
staff				
Column	Data Type	Description of Column	Table it links to	Table it links from
staff_id	SERIAL	number assigned to employee checking out customer		payment
first_name	CHARACTER VARYING(45)	staffperson's first name		
last_name	CHARACTER VARYING(45)	staffperson's last name		
address_id	SMALLINT	number assigned to street address of staffer	address	
email	CHARACTER VARYING(50)	staffer email		
store_id	SMALLINT	number assigned to a specific store		
active	BOOLEAN	Is the staffer a current employee, true or false?		
username	CHARACTER VARYING(16)	the staffer's username		
password	CHARACTER VARYING(40)	the staffer's password		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		
picture	BYTEA	an image file with image of staffer		

Dimension Table Name				
actor				
Column	Data Type	Description of Column	Table it links to	Table it links from
actor_id	SERIAL	number assigned to name of an actor		film_actor
first_name	CHARACTER VARYING(45)	first name of actor		
last_name	CHARACTER VARYING(45)	last name of actor		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
film				
Column	Data Type	Description of Column	Table it links to	Table it links from
film_id	SERIAL	number assigned to title of film		inventory
title	CHARACTER VARYING(255)	full title of film		
description	TEXT	synopsis of film in sentence form		
release_year	year	year film was released		
language_id	SMALLINT	number assigned to a specific language film audio is in	language	
rental_duration	SMALLINT	length of rental, in days		
rental_rate	NUMERIC(4,2)	cost of rental		
length	SMALLINT	length of film in minutes		
replacement_cost	NUMERIC(5,2)	cost to replace movie		
rating	mpaa_rating	audience level rating set by mpaa		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		
special_features	TEXT[]	indication of any special features included in film		
fulltext	TSVECTOR	searchable keywords from film content		

Dimension Table Name				
category				
Column	Data Type	Description of Column	Table it links to	Table it links from
category_id	SERIAL	genre code for film		film_category
name	CHARACTER VARYING(25)	genre of film		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
address				
Column	Data Type	Description of Column	Table it links to	Table it links from
address_id	SERIAL	number assigned to street address of staffer, store or customer		store
address	CHARACTER VARYING(50)	street address		
address2	CHARACTER VARYING(50)	additional portion of street address		
district	CHARACTER VARYING(20)	state, city or region associated with street address?		
city_id	SMALLINT	number assigned to city	city	
postal_code	CHARACTER VARYING(10)	postal code of address		
phone	CHARACTER VARYING(20)	phone of store		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
store				
Column	Data Type	Description of Column	Table it links to	Table it links from
store_id	SERIAL	number assigned to a specific store		
manager_staff_id	SMALLINT	number assigned to a manager	staff	
address_id	SMALLINT	number assigned to street address of staffer, store or customer	address	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
language				
Column	Data Type	Description of Column	Table it links to	Table it links from
language_id	SERIAL	number assigned to a specific language film audio is in		film
name	CHARACTER(20)	language that the film is in		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
city				
Column	Data Type	Description of Column	Table it links to	Table it links from
city_id	SERIAL	number assigned to city		address
city	CHARACTER VARYING(50)	city		
country_id	SMALLINT	number assigned to country	country	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		

Dimension Table Name				
country				
Column	Data Type	Description of Column	Table it links to	Table it links from
country_id	SERIAL	number assigned to country		country
country	CHARACTER VARYING(50)	country		
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	date entry was updated		