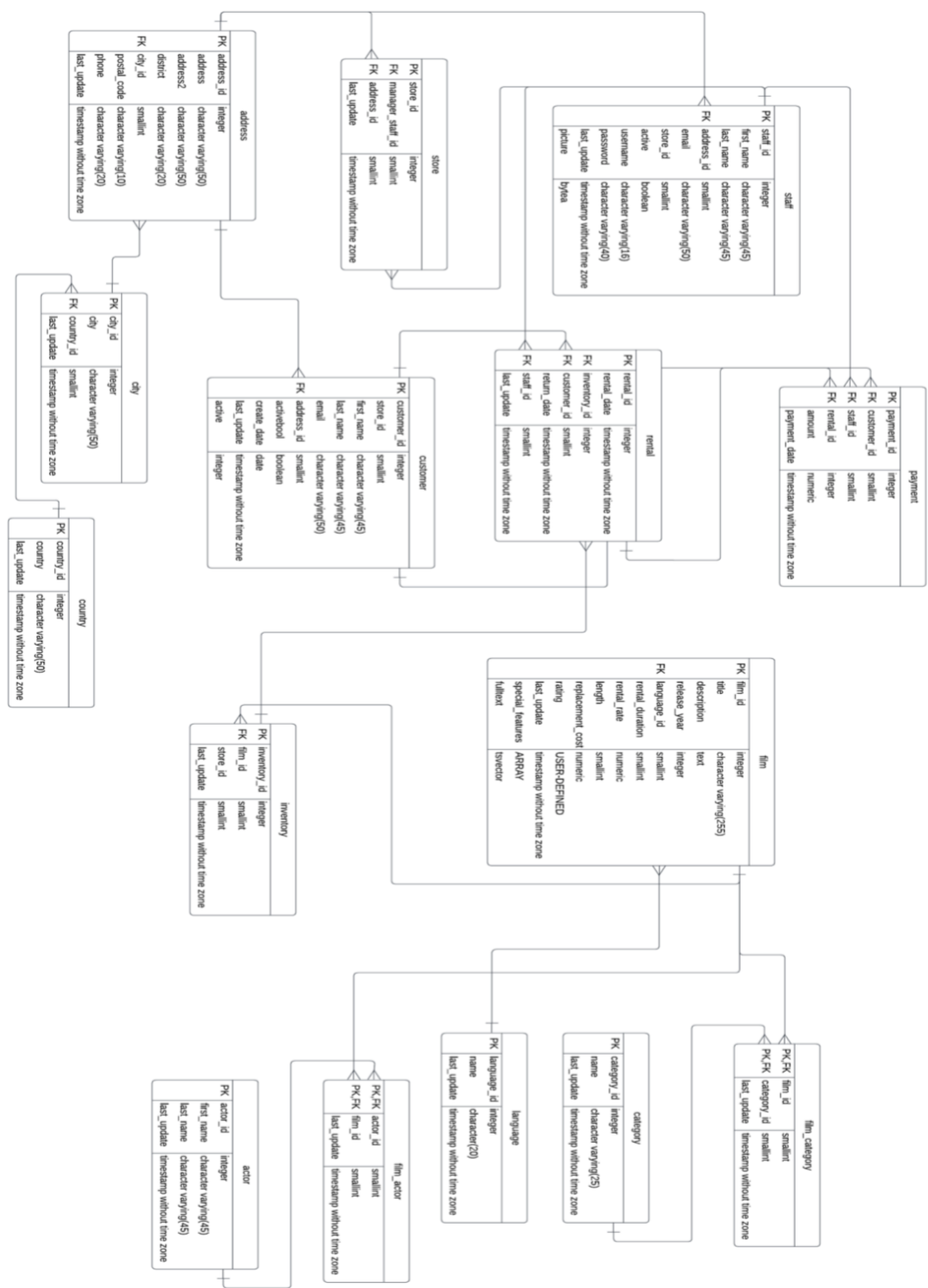


Rockbuster Stealth Data Dictionary

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Rockbuster Entity Relationship Diagram



Fact Table

Rental

Column	Data Type	Description	Key	Links To	Links From
rental_id	integer	unique identifier assigned to rental	Primary key		payment
rental_date	timestamp without time zone	date of rental			
inventory_id	integer	unique identifier assigned to item	Foreign key	inventory	
customer_id	smallint	unique identifier assigned to customer	Foreign key	customer	
return_date	timestamp without time zone	date of return			
staff_id	smallint	unique identifier assigned to staff	Foreign key	staff	
last_update	timestamp without time zone	last time updated			

Dimension Tables

Customer

Column	Data Type	Description	Key	Links To	Links From
customer_id	integer	unique identifier assigned to customer	Primary key		rental payment
store_id	smallint	unique identifier assigned to store			
first_name	character varying (45)	first name of customer			
last_name	character varying (45)	last name of customer			
email	character varying (50)	email address of customer			
address_id	smallint	unique identifier assigned to address	Foreign key	address	
activebool	boolean	customer's active status as boolean			
create_date	date	date customer was created			
last_update	timestamp without time zone	last time updated			
active	integer	customer's active status as integer			

Payment

Column	Data Type	Description	Key	Links To	Links From
payment_id	integer	unique identifier assigned to payment	Primary key		
customer_id	smallint	unique identifier assigned to customer	Foreign key	customer	
staff_id	smallint	unique identifier assigned to staff	Foreign key	staff	
rental_id	integer	unique identifier assigned to rental	Foreign key	rental	
amount	numeric	payment amount			
payment_date	timestamp without time zone	last time updated			

Store

Column	Data Type	Description	Key	Links To	Links From
store_id	integer	unique identifier assigned to store	Primary key		
manager_staff_id	smallint	unique identifier assigned to store manager	Foreign key	staff	
address_id	smallint	unique identifier assigned to address	Foreign key	address	
last_update	timestamp without time zone	last time updated			

Staff

Column	Data Type	Description	Key	Links To	Links From
staff_id	integer	unique identifier assigned to staff	Primary key		payment rental store
first_name	character varying(45)	first name of staff			
last_name	character varying(45)	last name of staff			
address_id	smallint	unique identifier assigned to address	Foreign key	address	
email	character varying(50)	email address of staff			
store_id	smallint	unique identifier assigned to store			
active	boolean	staff's active status as a boolean			

username	character varying(16)	username of staff			
password	character varying(40)	password of staff			
last_update	timestamp without time zone	last time updated			
picture	bytea	picture of staff			

Inventory

Column	Data Type	Description	Key	Links To	Links From
inventory_id	integer	unique identifier assigned to item	Primary key		rental
film_id	smallint	unique identifier assigned to film	Foreign key	film	
store_id	smallint	unique identifier assigned to store			
last_update	timestamp without time zone	last time updated			

Address

Column	Data Type	Description	Key	Links To	Links From
address_id	integer	unique identifier assigned to address	Primary key		store staff customer
address	character varying(50)	street address			
address2	character varying(50)	additional address line			
district	character varying(20)	city/country/state			
city_id	smallint	unique identifier assigned to city	Foreign key	city	
postal_code	character varying(10)	postal code			
phone	character varying(20)	phone number			
last_update	timestamp without time zone	last time updated			

City

Column	Data Type	Description	Key	Links To	Links From
city_id	integer	unique identifier assigned to city	Primary key		address
city	character varying(50)	name of city			
country_id	smallint	unique identifier assigned to country	Foreign key	country	
last_update	timestamp without time zone	last time updated			

Country

Column	Data Type	Description	Key	Links To	Links From
country_id	integer	unique identifier assigned to country	Primary key		city
country	character varying(50)	name of country			
last_update	timestamp without time zone	last time updated			

Film

Column	Data Type	Description	Key	Links To	Links From
film_id	integer	unique identifier assigned to film	Primary key		inventory film_actor film_category
title	character varying(255)	film title			
description	text	short film description			
release_year	integer	year film was released			
language_id	smallint	unique identifier assigned to language	Foreign key	language	
rental_duration	smallint	duration of rental			
rental_rate	numeric	movie rental rate			
length	smallint	length of movie			
replacement_cost	numeric	cost to replace film			
rating	USER-DEFINED	rating of film			
last_update	timestamp without time zone	last time updated			
special_features	ARRAY	special features in film			
full_text	tsvector	key words for search results			

Film_category

Column	Data Type	Description	Key	Links To	Links From
film_id	smallint	unique identifier assigned to film	Primary key Foreign key	film	
category_id	smallint	unique identifier assigned to film category	Primary key Foreign key	category	
last_update	timestamp without time zone	last time updated			

Category

Column	Data Type	Description	Key	Links To	Links From
category_id	integer	unique identifier assigned to film category	Primary key		film_category
name	character varying(25)	name of category			
last_update	timestamp without time zone	last time updated			

Language

Column	Data Type	Description	Key	Links To	Links From
language_id	integer	unique identifier assigned to language	Primary key		film
name	character(20)	name of language			
last_update	timestamp without time zone	last time updated			

Film_actor

Column	Data Type	Description	Key	Links To	Links From
actor_id	smallint	unique identifier assigned to actor	Primary key Foreign key	actor	
film_id	smallint	unique identifier assigned to film	Primary key Foreign key	film	
last_update	timestamp without time zone	last time updated			

Actor

Column	Data Type	Description	Key	Links To	Links From
actor_id	integer	unique identifier assigned to actor	Primary key		film_actor
first_name	character varying(45)	first name of actor			

last_name	character varying(45)	last name of actor			
last_update	timestamp without time zone	last time updated			