

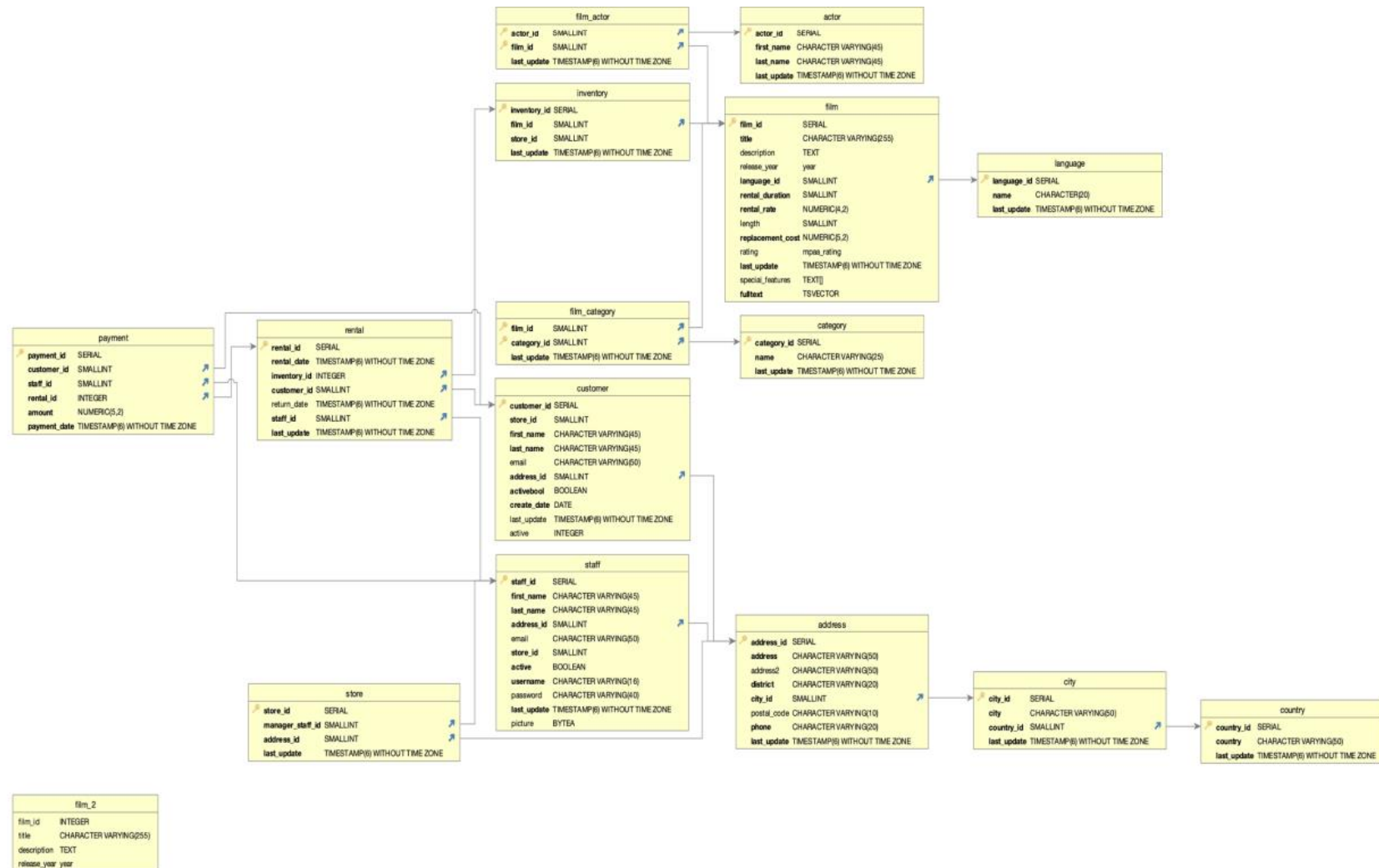
ROCKBUSTER STEALTH

Data Dictionary

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Entity Relationship Diagram



Fact Table

Rental

Column	Data Type	Description	Key	Links to	Links from
rental_id	SERIAL	Number assigned to rental	Primary Key		Payment
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
inventory_id	INTEGER	Number assigned to item		Inventory	
customer_id	SMALLINT	Number assigned to customer		Customer	
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned			
staff_id	SMALLINT	Number assigned to employee		Staff	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry last updated			

Dimension Tables

Actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SERIAL	Number assigned to actor	Primary Key		Film Actor
first_name	CHARACTERVARYING(45)	First name of actor			
last_name	CHARACTERVARYING(45)	Last name of actor			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Address

Column	Data Type	Description	Key	Links to	Links from
address_id	SERIAL	Number assigned to address	Primary Key		Store, Staff, Customer
address	CHARACTERVARYING(50)	Street address			
address2	CHARACTERVARYING(50)	Supplemental street address			
district	CHARACTERVARYING(20)	District			
city_id	SMALLINT	Number assigned to city		City	
postal_code	CHARACTERVARYING(10)	Postal code			
phone	CHARACTERVARYING(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Category

Column	Data Type	Description	Key	Links to	Links from
category_id	SERIAL	Number assigned to category	Primary Key		Film Category
name	CHARACTERVARYING(25)	Name of category			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

City

Column	Data Type	Description	Key	Links to	Links from
city_id	SERIAL	Number assigned to city	Primary Key		Address
city	CHARACTERVARYING(20)	Name of city			
country_id	SMALLINT	Number assigned to country		Country	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Country

Column	Data Type	Description	Key	Links to	Links from
country_id	SERIAL	Number assigned to country	Primary Key		City
country	CHARACTERVARYING(50)	Name of country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Customer

Column	Data Type	Description	Key	Links to	Links from
customer_id	SERIAL	Number assigned to customer	Primary key		Rental, Payment
store_id	SMALLINT	Number assigned to store			
first_name	CHARACTERVARYING(50)	First name of customer			
last_name	CHARACTERVARYING(45)	Last name of customer			
email	CHARACTERVARYING(50)	Email address of customer			
address_id	SMALLINT	Number assigned to customer address		Address	
activebool	BOOLEAN	Active status of customer			
create_date	DATE	Date entry was created			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
active	BYTEA	Active status of customer			

Film

Column	Data Type	Description	Key	Links to	Links from
film_id	SERIAL	Number assigned to film	Primary Key		Inventory, Film Actor, Film Category
title	CHARACTERVARYING(45)	Title of film			
description	TEXT	Description of film			
release_year	YEAR	Release year of film			
language_id	SMALLINT	Number assigned to film language		Language	
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4,2)	Price of film			
length	SMALLINT	Length of film			
replacement_cost	NUMERIC(5,2)	Cost to replace film			
rating	MPAA_RATING	Rating of film			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
special_feature	TEXT[]	Special features included with film			
fulltext	TSVECTOR	Keywords associated with film			

Film Actor

Column	Data Type	Description	Key	Links to	Links from
actor_id	SMALLINT	Number assigned to actor	Primary Key	Actor	
film_id	SMALLINT	Number assigned to film	Foreign Key	Film	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film Category

Column	Data Type	Description	Key	Links to	Links from
film_id	SMALLINT	Number assigned to film	Foreign Key	Film	
category_id	SMALLINT	Number assigned to category	Foreign Key	Category	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Inventory

Column	Data Type	Description	Key	Links to	Links from
inventory_id	SERIAL	Number assigned to item	Primary Key		
film_id	SMALLINT	Number assigned to film		Film	
store_id	SMALLINT	Number assigned to store			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Language

Column	Data Type	Description	Key	Links to	Links from
language_id	SERIAL	Number assigned to language	Primary Key		Film
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Payment

Column	Data Type	Description	Key	Links to	Links from
payment_id	SERIAL	Number assigned to payment	Primary Key		
customer_id	SMALLINT	Number assigned to customer		Customer	
staff_id	SMALLINT	Number assigned to employee		Staff	
rental_id	INTEGER	Number assigned to rental		Rental	
amount	NUMERIC(5,2)	Amount paid			
payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment			

Staff

Column	Data Type	Description	Key	Links to	Links from
staff_id	SERIAL	Number assigned to employee	Primary Key		Payment, Rental, Store
first_name	CHARACTERVARYING(45)	First name of employee			
last_name	CHARACTERVARYING(45)	Last name of employee			
address_id	SMALLINT	Number assigned to employee address		Address	
email	CHARACTERVARYING(50)	Email address of employee			
store_id	SMALLINT	Number assigned to store			
active	BOOLEAN	Employee active status			
username	CHARACTERVARYING(16)	Username of employee			
password	CHARACTERVARYING(40)	Password of employee			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
picture	BYTEA	Picture of employee			

Store

Column	Data Type	Description	Key	Links to	Links from
store_id	SERIAL	Number assigned to store	Primary Key		
manager_staff_id	SMALLINT	Number assigned to store manager		Staff	
address_id	SMALLINT	Number assigned to store address		Address	
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			