

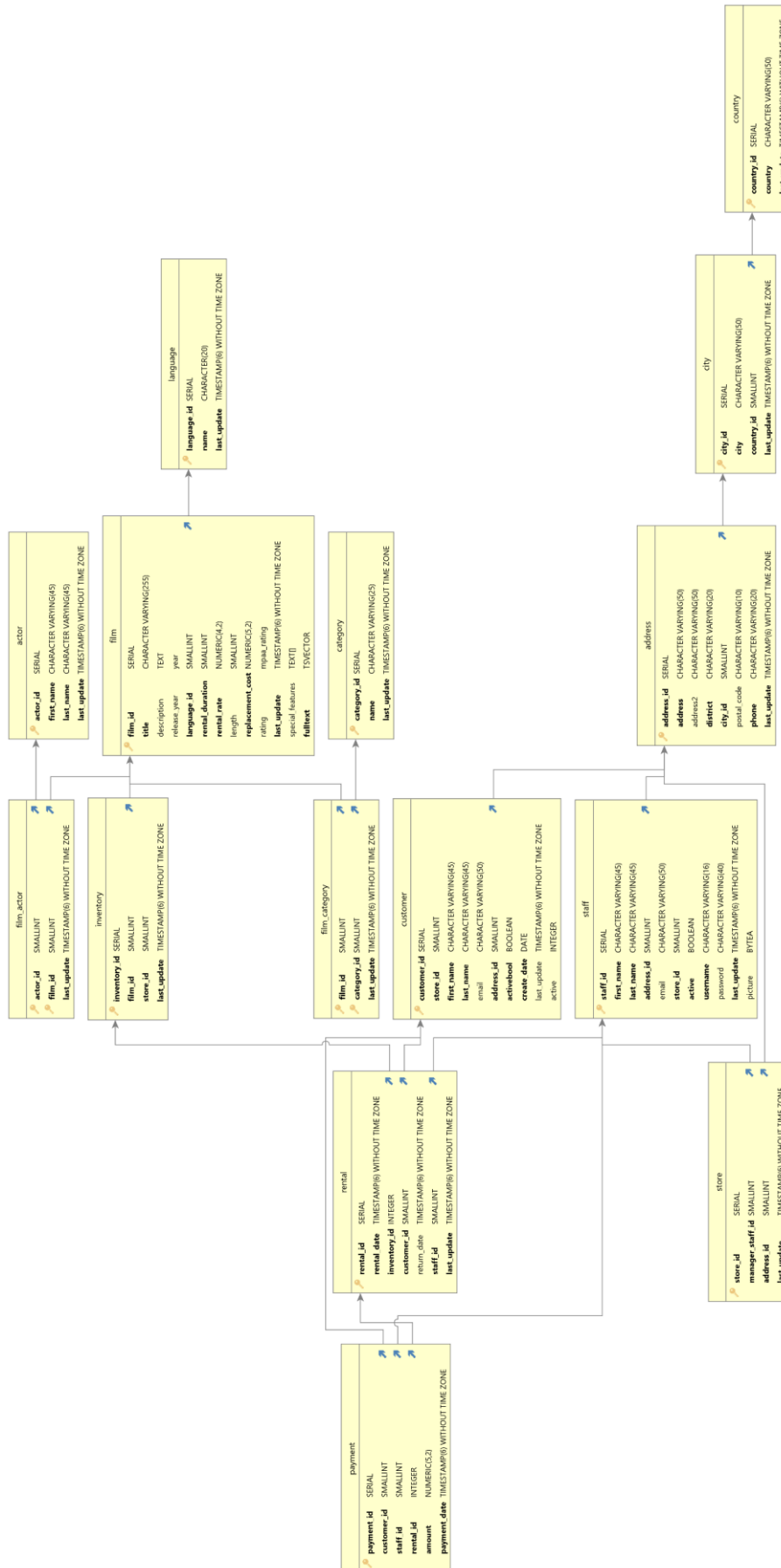
ROCKBUSTER STEALTH

Data Dictionary

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1 ERD



2 Fact table

2.1 rental

Column	Data Type	Description	Link from	Link to	Key
rental_id	Serial	Number assigned to rental	payment		Primary
rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental			
inventory_id	INT	Number assigned to item in the table		inventory	Foreign
customer_id	SMALLINT	Number assigned to customer		customer	Foreign
return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was returned			
staff_id	SMALLINT	Number assigned to staff member		staff	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3 Dimension tables

3.1 payment

Column	Data Type	Description	Link from	Link to	Key
payment_id	Serial	Number assigned to rental			Primary
customer_id	SMALLINT	Number assigned to customer		customer	Foreign
staff_id	SMALLINT	Number assigned to staff member		staff	Foreign
rental_id	INT	Number assigned to rental		rental	Foreign
amount	NUMERIC(5, 2)	Amount paid			
Payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment			

3.2 customer

Column	Data Type	Description	Link from	Link to	Key
customer_id	Serial	Number assigned to customer	rental		Primary
store_id	SMALLINT	Number assigned to store		store	Foreign
first_name	CHARACTERVARYING (50)	First name of customer			
last_name	CHARACTERVARYING (45)	Last name of customer			
email	CHARACTERVARYING (50)	Email of customer			
address_id	SMALLINT	Number assigned to customer address		address	Foreign
activebool	BOOLEAN	Customer active status			
create_date	DATE	Date when created			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
active	INT	Customer active status			

3.3 address

Column	Data Type	Description	Link from	Link to	Key
address_id	Serial	Number assigned to address	Store, customer		Primary
address	CHARACTERVARYIN G(50)	Street address			
address2	CHARACTERVARYIN G(50)	Supplementary street address			
district	CHARACTERVARYIN G(20)	District			
city_id	SMALLINT	Number assigned to city		city	Foreign
postal_code	CHARACTERVARYIN G(10)	Postal code			
phone	CHARACTERVARYIN G(20)	Phone number			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.4 city

Column	Data Type	Description	Link from	Link to	Key
city_id	Serial	Number assigned to city	address		Primary
city	CHARACTERVARYIN G(20)	Name of city			
country_id	SMALLINT	Number assigned to country		country	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.5 country

Column	Data Type	Description	Link from	Link to	Key
country_id	Serial	Number assigned to country	city		Primary
country	CHARACTERVARYING(20)	Name of country			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.6 staff

Column	Data Type	Description	Link from	Link to	Key
staff_id	Serial	Number assigned to staff member	payment, rental, store		Primary
first_name	CHARACTERVARYING(50)	First name of staff member			
last_name	CHARACTERVARYING(45)	Last name of staff member			
email	CHARACTERVARYING(50)	Email of staff member			
address_id	SMALLINT	Number assigned to staff members address		address	Foreign
store_id	SMALLINT	Number assigned to store		store	Foreign
username	CHARACTERVARYING(16)	Username of staff member			
password	CHARACTERVARYING(40)	Password of staff member			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
active	BOOLEAN	Staff member active status			
picture	BYETA	Picture of staff member			

3.7 store

Column	Data Type	Description	Link from	Link to	Key
store_id	Serial	Number assigned to store			Primary
manager_staff_id	SMALLINT	Number assigned to store manager		staff	Foreign
address_id	SMALLINT	Number assigned to address		address	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.8 inventory

Column	Data Type	Description	Link from	Link to	Key
inventory_id	Serial	Number assigned to item	rental		Primary
film_id	SMALLINT	Number assigned to film		film	Foreign
store_id	SMALLINT	Number assigned to store		store	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.9 film

Column	Data Type	Description	Link from	Link to	Key
film_id	Serial	Number assigned to film	inventory, film_actor, film_category		Primary
title	CHARACTERVARYING(45)	Title of film			
description	TEXT	Description of film			
release_year	year	Release year of film			
language_id	SMALLINT	Number assigned to language		language	Foreign
rental_duration	SMALLINT	Length of film rental			
rental_rate	NUMERIC(4, 2)	Price of film rental			
length	SMALLINT	Length of film			
replacement_cost	NUMERIC(5, 2)	Cost of replacement of the film			
rating	mpaa_rating	Film rating			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			
special_features	TEXT []	Special features of the film			
fulltext	TSECTOR	Keywords of the film			

3.10 language

Column	Data Type	Description	Link from	Link to	Key
language_id	Serial	Number assigned to language	film		Primary
name	CHARACTERVARYING(20)	Name of language			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.11 film_category

Column	Data Type	Description	Link from	Link to	Key
film_id	SMALLINT	Number assigned to film		film	Foreign
category_id	SMALLINT	Number assigned to category		category	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.12 category

Column	Data Type	Description	Link from	Link to	Key
category_id	Serial	Number assigned to category	Film_category		Primary
name	CHARACTERVARYING(20)	Name of category			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.13 film_actor

Column	Data Type	Description	Link from	Link to	Key
actor_id	SMALLINT	Number assigned to actor		actor	Foreign
film_id	SMALLINT	Number assigned to film		film	Foreign
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			

3.14 actor

Column	Data Type	Description	Link from	Link to	Key
actor_id	Serial	Number assigned to actor	film_actor		Primary
first_name	CHARACTERVARYING(45)	First name of actor			
last_name	CHARACTERVARYING(45)	Last name of actor			
last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date of last update			