

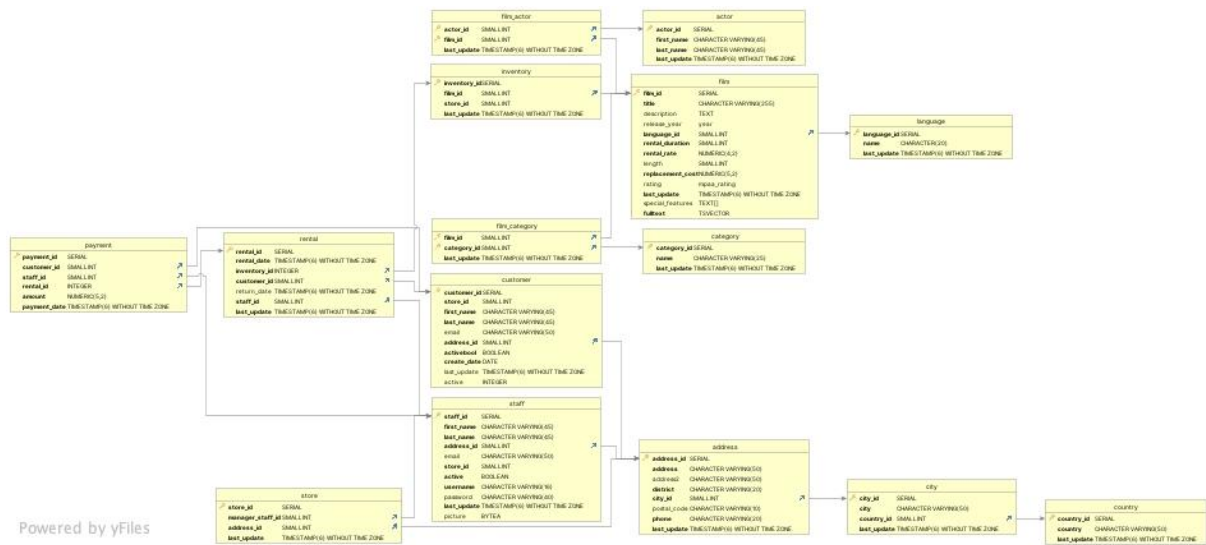
ROCK BUSTER STEALTH

DATA DICTIONARY

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1.Schema



This schema has a snowflake structure. It consists of a several set of fact tables that are connected to different tables with foreign keys and it is spreading to sub dimensions (country, category, language, etc).

FACT TABLE

rental

COLUMN NAME	DATA TYPE	DESCRIPTION
rental_id	SERIAL	Unique ID for a rental
rental_date	TIMESTAP (6) WITHOUT TIME ZONE	Date of a rental
customer_id	INTERGER	Unique ID for a customer
return_date	TIMESTAP (6) WITHOUT TIME ZONE	Date of a return
staff_id	SMALLINT	Unique ID for a staff
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

payment

COLUMN NAME	DATA TYPE	DESCRIPTION
payment_id	SERIAL	Unique ID for a payment
customer_id	SMALLINT	Unique ID for a customer
staff_id	SMALLINT	Unique ID for a staff
rental_id	INTEGER	Date of a rental
amount	NUMERIC(5,2)	The amount of payment
payment_date	TIMESTAP (6) WITHOUT TIME ZONE	The date when the payment happened

DIMENSION TABLE

store

store_id	SERIAL	unique id for a store
manager_staff_id	SMALLINT	unique ID for a manager
address_id	SMALLINT	Unique ID for an address

last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update
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address

address_id	SERIAL	unique id for an address
address	CHARACTER VARYING (50)	address description
address2	CHARACTER VARYING (50)	additional address description
district	CHARACTER VARYING (20)	district
city_id	SMALLINT	the id for a city
postal_code	CHARACTER VARYING (10)	postal code description
phone	CHARACTER VARYING (20)	phone number
last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update

customer

customer_id	SERIAL	Unique ID for a customer
store_id	SMALLINT	Unique ID for a store
first_name	CHARACTER VARYING(45)	First name of a customer
last_name	CHARACTER VARYING(45)	Last name of a customer
email	CHARACTER VARYING(50)	Email address
address_id	SMALLINT	Unique ID for an address
activebool	BOOLEAN	If customer is active or not
create_date	DATE	When the customer is registered
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update
active	INTEGER	If customer is active or not

staff

staff_id	SERIAL	Unique ID for a staff
first_name	CHARACTER VARYING(45)	First name of a customer

last_name	CHRACTER VARYING(45)	Last name of a customer
address_id	SMALLINT	Unique ID for an address
email	CHRACTER VARYING(50)	Email address
store_id	SMALLINT	Unique ID for a store
active	BOOLEAN	If staff is active or not
username	CHRACTER VARYING(16)	Username
password	CHRACTER VARYING(40)	password
last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update
picture	BYTEA	Picture data

film_actor

actor_id	SMALLINT	Unique ID for an actor
film_id	SMALLINT	Unique ID for a flm
last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update

film

film_id	SERIAL	Unique ID for a film
title	CHARACTER VARYING (255)	title of a film
description	TEXT	description of a film
release_year	year	when the movie is released
language_id	SMALLINT	unique language for a film
rental_duration	SMALLINT	the duration of rental
rental_rate	NUMERIC(4,2)	The rate of a rental
length	SMALLINT	length of the rent
replacement_cost	NUMERIC(5,2)	cost of replacement
rating	mpaa_rating	rating of the movie
last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update

special_features	TEXT[]	description of a special feature
fulltext	TVSECTOR	?

inventory

inventory_id	SERIAL	Unique ID for an inventory
film_id	SMALLINT	Unique ID for a film
store_id	SMALLINT	Unique ID for a store
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

actor

actor_id	SERIAL	Unique ID for an actor
first_name	CHRACTER VARYING(45)	First name of an actor
last_name	CHRACTER VARYING(45)	First name of an actor
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

category

category_id	SERIAL	Unique ID for a category
name	CHARACTER VARYING(25)	name of the category
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

language

language_id	SERIAL	Unique ID for a language
name	CHARACTER(20)	name of the language
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

city

city_id	SERIAL	Unique ID for a city
city	CHARACTER VARYING(50)	Name of the city

country_id	SMALLINT	unique ID for a country
last_update	TIMESTAP (6) WITHOUT TIME ZONE	The date for an update

country

country_id	SERIAL	Unique ID for a country
country	CHARACTER VARYING(50)	name of the country
last_update	TIMESTAP (6) WITHOUT TIME ZONE	the date for an update

4. Data Limitations

- The data appears to be updated all at the same time.
- The data only contains film from 2006.
- The data only includes English films.
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