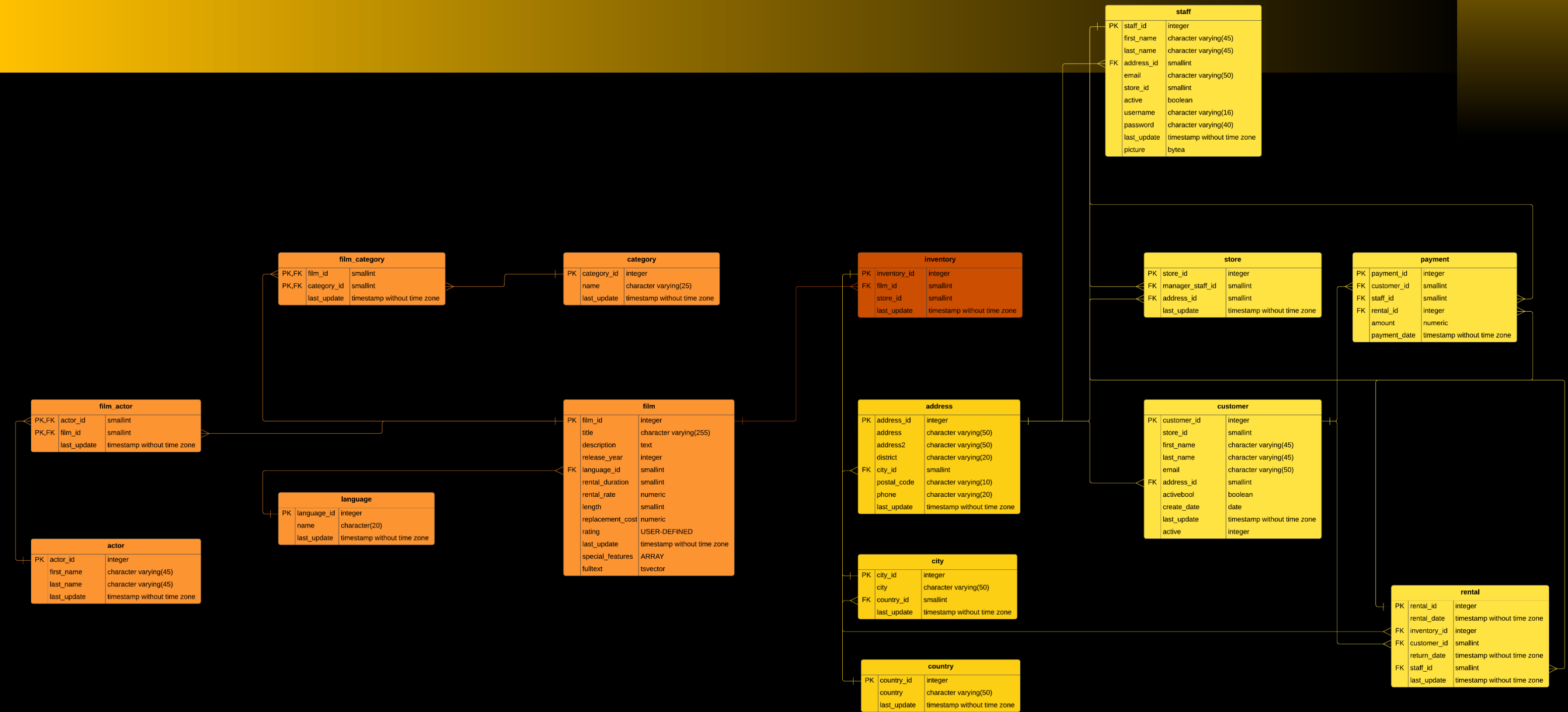# ROCKBUSTER STEALTH

Data dictionary

Table of Content

Information

Fact tables

Dimension tables

Legend

🔑   Primary Key

🔑   Foreign Key

Entity Relationship Diagram

staff

PK	staff_id	integer
	first_name	character varying(45)
	last_name	character varying(45)
FK	address_id	smallint
	email	character varying(50)
	store_id	smallint
	active	boolean
	username	character varying(16)
	password	character varying(40)
	last_update	timestamp without time zone
	picture	bytea

film_category

PK,FK	film_id	smallint
PK,FK	category_id	smallint
	last_update	timestamp without time zone

category

PK	category_id	integer
	name	character varying(25)
	last_update	timestamp without time zone

inventory

PK	inventory_id	integer
FK	film_id	smallint
	store_id	smallint
	last_update	timestamp without time zone

store

PK	store_id	integer
FK	manager_staff_id	smallint
FK	address_id	smallint
	last_update	timestamp without time zone

payment

PK	payment_id	integer
FK	customer_id	smallint
FK	staff_id	smallint
FK	rental_id	integer
	amount	numeric
	payment_date	timestamp without time zone

film_actor

PK,FK	actor_id	smallint
PK,FK	film_id	smallint
	last_update	timestamp without time zone

film

PK	film_id	integer
	title	character varying(255)
	description	text
	release_year	integer
FK	language_id	smallint
	rental_duration	smallint
	rental_rate	numeric
	length	smallint
	replacement_cost	numeric
	rating	USER-DEFINED
	last_update	timestamp without time zone
	special_features	ARRAY
	fulltext	tsvector

address

PK	address_id	integer
	address	character varying(50)
	address2	character varying(50)
	district	character varying(20)
FK	city_id	smallint
	postal_code	character varying(10)
	phone	character varying(20)
	last_update	timestamp without time zone

customer

PK	customer_id	integer
	store_id	smallint
	first_name	character varying(45)
	last_name	character varying(45)
	email	character varying(50)
FK	address_id	smallint
	activebool	boolean
	create_date	date
	last_update	timestamp without time zone
	active	integer

language

PK	language_id	integer
	name	character(20)
	last_update	timestamp without time zone

city

PK	city_id	integer
	city	character varying(50)
FK	country_id	smallint
	last_update	timestamp without time zone

actor

PK	actor_id	integer
	first_name	character varying(45)
	last_name	character varying(45)
	last_update	timestamp without time zone

country

PK	country_id	integer
	country	character varying(50)
	last_update	timestamp without time zone

rental

PK	rental_id	integer
	rental_date	timestamp without time zone
FK	inventory_id	integer
FK	customer_id	smallint
	return_date	timestamp without time zone
FK	staff_id	smallint
	last_update	timestamp without time zone

Fact table

Payment Table

Columns	Data Type	Description
Payment_id	Integer	Primary key. Individual payment identification, numbers
Customer_id	Smallint	Individual customer identification, numbers
Staff_id	Smallint	Uses the number 1 or 2 to specify the group
Rental_id	Integer	Individual number identification, numbers
Amount	Numeric	Numeric number, Price
Payment_data	Timestamp without time zone	Year-Month-Day, Clock Time

Rental Table

Columns	Data Type	Description
Rental_id	Integer	Individual identification number
Rental_date	Timestamp without time zone	Year-Month-Day, Clock Time of rental
Inventory_id	Integer	Individual identification inventory number
Customer_id	Smallint	Individual customer identification number
Return_date	Timestamp without time zone	Year-Month-Day, Clock Time of return
Staff_id	Smallint	Unique staff identifier
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Clock Time

Dimension Table

Actor Table

Columns	Data Type	Description
Actor_id	Integer	Individual identification number
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 update time in Year-Month-Day, Time

Adress Table

Columns	Data Type	Description
Address_id	Integer	Individual identification number
Address	Character varying(50)	Street and number, first address line
Address2	Character varying(50)	Second line of address
District	Character varying(50)	District of address
City_id	Smallint	Unique identifier for each city
Postal_code	Character varying(10)	City code, fife numbers
Phone	Character varying(20)	Phone number
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Category Table

Columns	Data Type	Description
Category_id	Integer	Individual identification number
Name	Character varying(25)	Sixteen film categories
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

City Table

Columns	Data Type	Description
City_id	Integer	Individual identification number
City	Character varying(50)	City name
Country_id	Smallint	Unique identifier for each city
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Country Table

Columns	Data Type	Description
Country_id	Integer	109 different identification numbers for each country
Country	Character varying(50)	Country name
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Customers Table

Columns	Data Type	Description
Customer_id	Integer	Individual identification number
Store_id	Smallint	Identification number, two groups 1 or 2 in the column
First_name	Character varying(45)	Customer first name
Last_Name	Character varying(45)	Customer last name
Email	Character varying(50)	Customer email address
Address_id	Smallint	Individual identification number
Activebool	Boolean	Customer is active, true if not false
Create_date	Date	Date of customer profile creation
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time
Active	Integer	Active status represented by 0 or 1

Film Table

Columns	Data Type	Description
Film_id	Integer	Individual identification number
Title	Character varying(225)	Film title
Description	Text	Text film description
Release_year	Integer	Datum in Year when the Film was released
Langueage_id	Smallint	Language identification number for each film
Rental_duration	Smallint	Number of days the film was rented
Rental_rate	Numeric	Rate of rental
Length	Smallint	Film length in minutes
Replacement_cost	Numeric	Cost of film replacement
Rating	USER-DEFINED	Age restrictions
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time
Special_feutures	ARRAY	Videos related to the film like trailers
Fulltext	tsvector	Film index; contains count of key words in description

Film_actor Table

Columns	Data Type	Description
Actor_id	Smallint	Individual identification number for each Actor
Film_id	Smallint	Individual identification number for Film
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Film_category Table

Columns	Data Type	Description
Film_id	Smallint	Individual identification number
Category_id	Smallint	Individual identification number from 1 to 16
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Inventory Table

Columns	Data Type	Description
Inventory_id	Integer	Individual identification number
Film_id	Smallint	Individual identification Film number
Store_id	Smallint	Identification number, two groups 1 or 2 in the column
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Language Table

Columns	Data Type	Description
Language_id	Integer	Individual identification number from 1 to 6
Name	Character(20)	Types of languages
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time

Staff Table

Columns	Data Type	Description
Staff_id	Integer	Unique identifier of staff member
First_name	Character varying(45)	Staff first name
Last_Name	Character varying(45)	Staff last name
Address_id	Smallint	Unique identifier of address
Email	Character varying(50)	Personal staff email address
Store_id	Smallint	Identification number, two groups 1 or 2 in the column
Active	Boolean	Whether staff member is active or not
Username	Character varying(16)	Personal username
Password	Character varying(40)	Personal password
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time
Picture	Bytea	Picture of staff member

Store Table

Columns	Data Type	Description
Store_id	Integer	Identification number, two groups 1 or 2 in the column
Manager_stuff_id	Smallint	Individual identification number
Address_id	Smallint	Individual identification number
Last_update	Timestamp without time zone	Last update time in Year-Month-Day, Time