ROCKBUSTER STEALTH

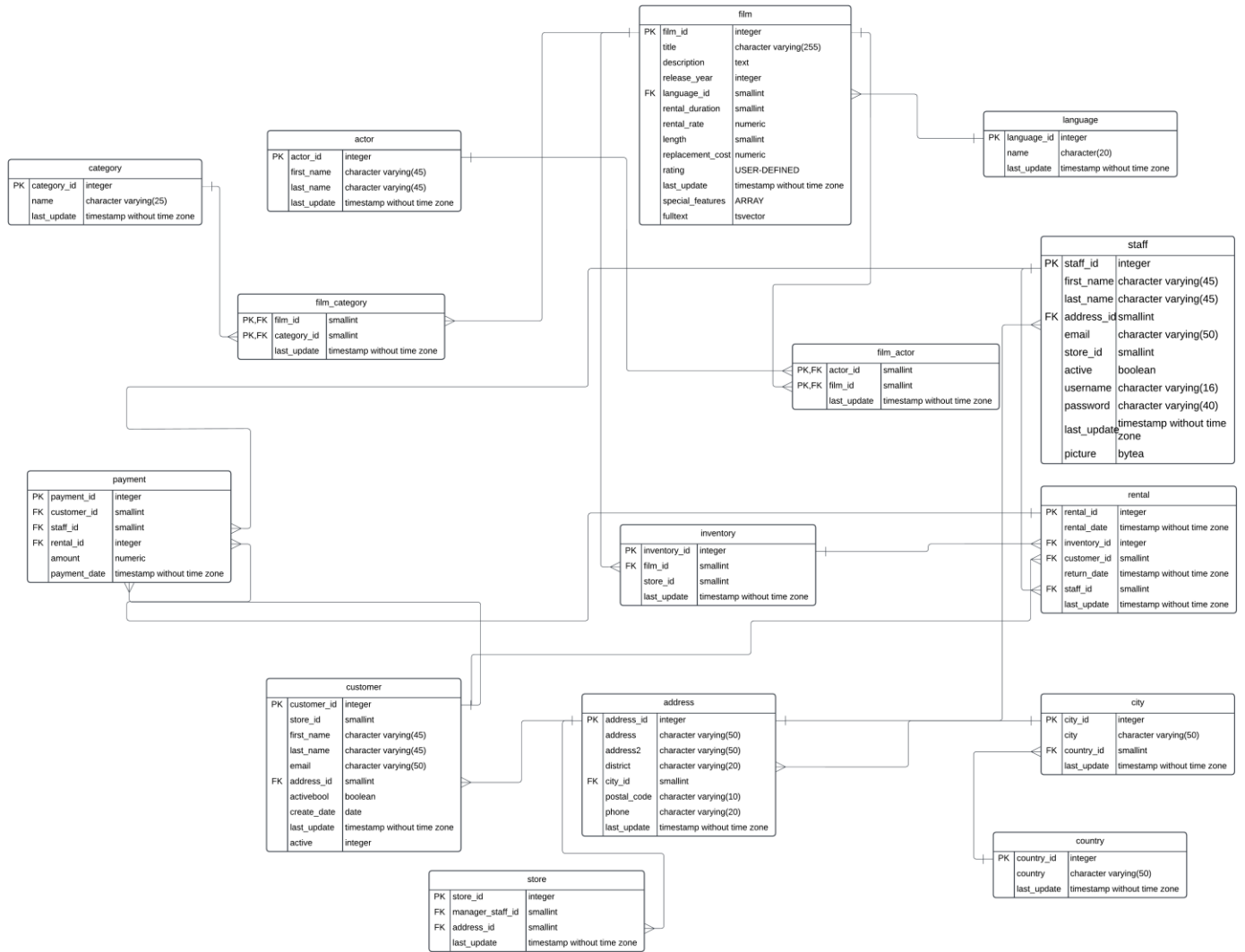Data Dictionary

Table of Contents

ERD

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

language

PK	language_id	integer
	name	character(20)
	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

category

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

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

film_actor

PK,FK	actor_id	smallint
PK,FK	film_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

inventory

PK	inventory_id	integer
FK	film_id	smallint
	store_id	smallint
	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

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

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

city

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

country

PK	country_id	integer
	country	character varying(50)
	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

Fact table

table name	columns	data type	description	Key Relationship
payment	payment_id	integer	numeric identifier for payment.	Primary Key
	customer_id	smallint	numeric identifier for customer.	Foreign Key
	staff_id	smallint	numeric identifier for staff	Foreign Key
	rental_id	integer	numeric identifier for rental	Foreign Key
	amount	numeric	amount paid for the total transaction	None
	payment_date	timestamp without time zone	the date of the payment	None

table name	columns	data type	description	Key Relationship
rental	rental_id	integer	numeric identifier for rental	Primary Key
	rental_date	timestamp without time zone	date of rental	None
	inventory_id	integer	numeric identifier for inventory management	Foreign Key
	customer_id	smallint	numeric identifier for customer	Foreign Key
	return_date	timestamp without time zone	date of return	None
	staff_id	smallint	numeric identifier for staff who completed the rental	Foreign Key
	last_update	timestamp without time zone	last time the table was updated	None

Dimension table

table name	columns	data type	description	Key Relationship
store	store_id	integer	numeric identifier for stores	Primary Key
	manager_staff_id	smallint	numeric identifier for store manager	None
	address_id	smallint	numeric identifier for address	Foreign Key
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
address	address_id	integer	numeric identifier for address	Primary Key
	address	character varying(50)	customer address	None
	address2	character varying(50)	second customer address	None
	district	character varying(20)	district of the customer	None
	city_id	smallint	city of the customer	Foreign Key
	postal_code	character varying(10)	postal code of the customer	None
	phone	character varying(20)	phone number of the customer	None
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
inventory	inventory_id	integer	numeric identifier for item in inventory	Primary Key
	film_id	smallint	numeric identifier for film	Foreign Key
	store_id	smallint	numeric identifier for store	Foreign Key
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
customer	customer_id	integer	numeric identifier for customers	Primary Key
	store_id	smallint	numeric identifier for stores	Foreign Key
	first_name	character varying(45)	customer first name	None
	last_name	character varying(45)	customer last name	None
	email	character varying(50)	customer email	None
	address_id	smallint	numeric identifier for address	Foreign Key
	activebool	boolean	boolean for if a customer is considered active in the system	None
	create_update	date	date the customer signed up	None
	last_update	timestamp without time zone	time of last update	None
	active	integer	has a one or zero if the customer is considered active in the system	None

table name	columns	data type	description	Key Relationship
City	city_id	integer	numeric identifier of the city of the customer	Primary Key
	city	character varying(50)	city of the customer	None
	country_id	smallint	numeric identifier for the country of the customer	Foreign Key
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
country	country_id	integer	numeric identifier for the country of the customer	Primary Key
	country	character varying(50)	name of the country of the customer	None
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
film_actor	actor_id	smallint	numeric identifier for an actor	Primary Key
	film_id	smallint	numeric identifier for a film	Foreign Key
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
Staff	staff_id	integer	numeric identifier of the staff member	Primary Key
	first_name	character varying(45)	first name of the staff member	None
	last_name	character varying(45)	last name of the staff member	None
	address_id	smallint	numeric identifier for address	Foreign Key
	email	character varying(50)	customer email	None
	store_id	smallint	numeric identifier for stores	Foreign Key
	active	boolean	boolean for if a staff member works for the company	None
	username	character varying(16)	staff username	None
	password	character varying(40)	staff password	None
	last_update	timestamp without time zone	time of last update	None
	picture	bytea	picture of the staff member	None

table name	columns	data type	description	Key Relationship
language	language_id	integer	numeric identifier for the language of the film	Primary Key
	name	character(20)	the language of the film	None
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
Film	film_id	integer	numeric identifier for a film	Primary Key
	title	character varying(255)	title of the film	None
	description	text	description for the film	None
	release_year	integer	year of the release of the film	None
	language_id	smallint	numeric identifier for the language of the film	Foreign Key
	rental_duration	smallint	duration of the rental	None
	rental_rate	numeric	cost of rental	None
	length	smallint	length of the film	None
	replacement_cost	numeric	cost customer must pay if they lose or break the film	None
	rating	user-defined	age rating for the film	None
	last_update	timestamp without time zone	time of last update	None
	special_features	array	extra features the film has	None
	fulltext	tsvector	key words for the film	None

table name	columns	data type	description	Key Relationship
actor	actor_id	integer	numeric identifier for an actor	Primary Key
	first_name	character varying(45)	first name of the actor	None
	last_name	character varying(45)	last name of the actor	None
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
category	category_id	integer	numeric identifier of the category	Primary Key
	name	character varying(25)	name of the category	None
	last_update	timestamp without time zone	time of last update	None

table name	columns	data type	description	Key Relationship
film_category	film_id	smallint	numeric identifier for film	Primary Key
	category_id	smallint	numeric identifier of the category	Foreign Key
	last_update	timestamp without time zone	time of last update	None