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ROCKBUSTER STEALTH

Data Dictionary



BUSINESS INTELLIGENCE TEAM

Contents

1. Legend.....	2
2. Entity Relationship Diagram (ERD).....	3
3. Fact Tables	4
Payment	4
Rental	5
4. Dimension Tables.....	6
Actor.....	6
Address	7
Customer.....	8
Film.....	10
Film_actor	11
Film_category.....	12
Category.....	13
City	14
Country	14
Inventory.....	15
Language	16
Staff.....	17
Store.....	18

1. Legend



= Primary Key

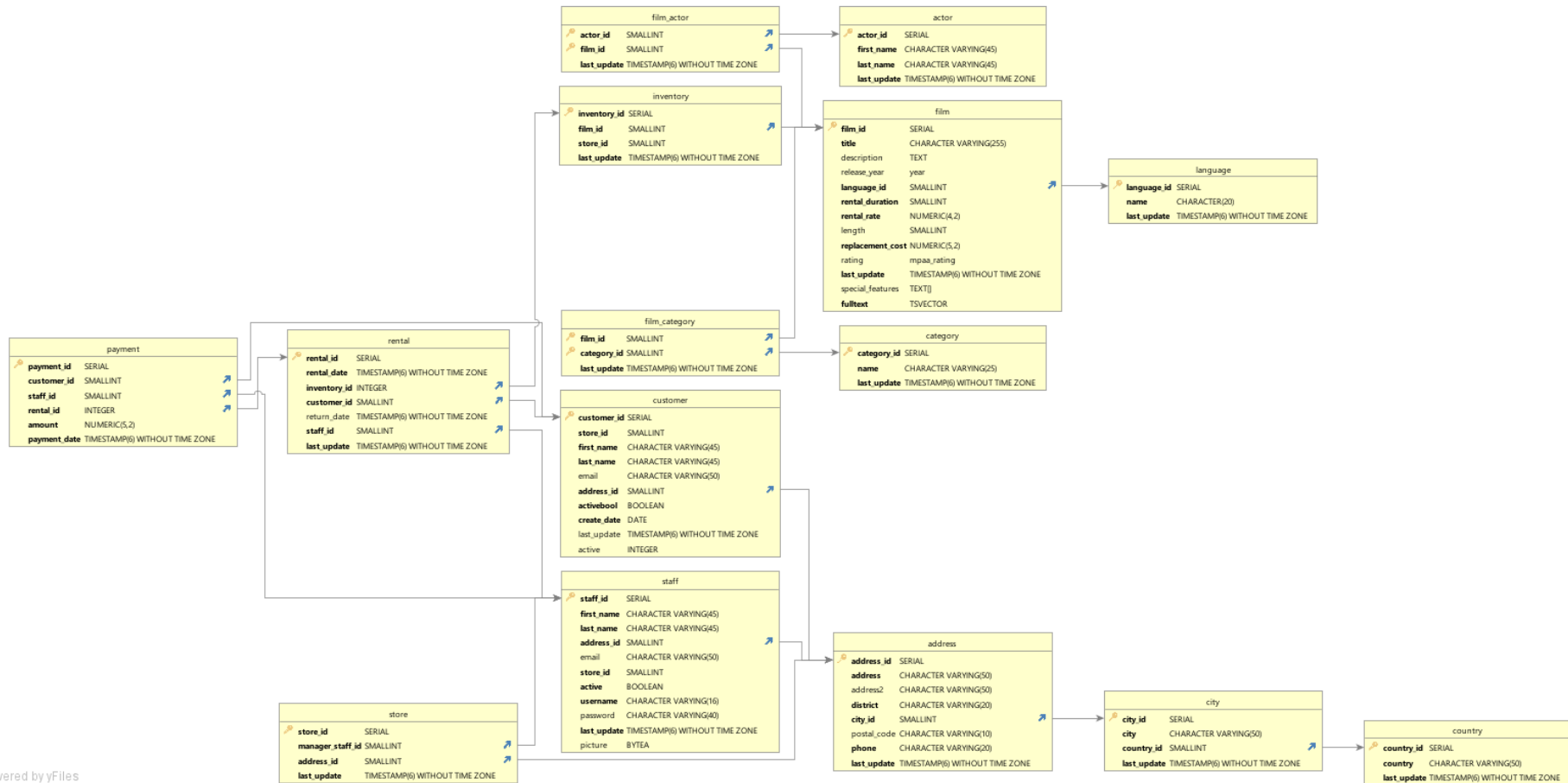


= Foreign Key



= Combination Key





2. Entity Relationship Diagram (ERD)



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3. Fact Tables





Payment

Key	Column	Data Type	Description
	payment_id	SERIAL	Unique payment number
	customer_id	SMALLINT	Unique customer number
	staff_id	SMALLINT	Unique staff number
	rental_id	INTEGER	Unique rental number
	amount	NUMERIC(5,2)	Payment amount
	payment_date	TIMESTAMP (6) WITHOUT TIME ZONE	Payment date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
customer	customer_id	payment_customer_id_fkey
staff	staff_id	payment_staff_id_fkey
rental	rental_id	payment_rental_id_fkey

Rental


Key	Column	Data Type	Description
	rental_id	SERIAL	Unique rental number
	rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	Rental date (YYYY-MM-DD) and time (24-hour time format) without time zone
	inventory_id	INTEGER	Unique inventory number
	customer_id	SMALLINT	Unique customer number
	return_date	TIMESTAMP (6) WITHOUT TIME ZONE	Return date (YYYY-MM-DD) and time (24-hour time format) without time zone
	staff_id	SMALLINT	Unique staff number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
payment	rental_id	payment_rental_id_fkey
inventory	inventory_id	rental_inventory_id_fkey
customer	customer_id	rental_customer_id_fkey
staff	staff_id	rental_staff_id_fkey

4. Dimension Tables



Actor

Key	Column	Data Type	Description
	actor_id	SERIAL	Unique actor number
	first_name	CHARACTER VARYING(45)	Actor first name
	last_name	CHARACTER VARYING(45)	Actor last name
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
film_actor	actor_id	film_actor_actor_id_fkey



Address

Key	Column	Data Type	Description
	address_id	SERIAL	Unique address number
	address	CHARACTER VARYING(50)	Address information
	address2	CHARACTER VARYING(50)	Address information
	district	CHARACTER VARYING(20)	District address
	city_id	SMALLINT	Unique city number
	postal_code	CHARACTER VARYING(10)	Postal code number
	phone	CHARACTER VARYING(20)	Phone number information
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
store	address_id	store_address_address_fkey
staff	address_id	staff_address_address_fkey
customer	address_id	customer_address_id_fkey
city	city_id	city_city_id_fkey



Customer

Key	Column	Data Type	Description
	customer_id	SERIAL	Unique customer number
	store_id	SMALLINT	Unique store number
	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	Unique address number
	activebool	BOOLEAN	True value
	create_date	DATE	Creation date (YYYY-MM-DD)
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone
	active	INTEGER	1 and 0 value

Links

Table	Join Column	Link Name
payment	customer_id	payment_customer_id_fkey
rental	customer_id	rental_customer_id_fkey
address	Address_id	customer_address_id_fkey





Film

Key	Column	Data Type	Description
	film_id	SERIAL	Unique film number
	title	CHARACTER VARYING(25)	Film title
	description	TEXT	Short description of the film
	release_year	year	Year of release
	language_id	SMALLINT	Unique language number
	rental_duration	SMALLINT	Rental duration information
	rental_rate	NUMERIC(4,2)	Rental price
	length	SMALLINT	Film duration
	replacement_cost	NUMERIC(5,2)	Film replacement price
	rating	mpaa_rating	Film rating
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone
	special_features	TEXT[]	Film special features
	fulltext	TSVECTOR	Key words

Links

Table	Join Column	Link Name
film_actor	film_id	film_actor_film_id_fkey
inventory	film_id	inventory_film_id_fkey
film_category	film_id	film_category_film_id_fkey
language	language_id	film_language_id_fkey





Film_actor

Key	Column	Data Type	Description
 	actor_id	SMALLINT	Unique actor number
 	film_id	SMALLINT	Unique film number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
actor	actor_id	film_actor_actor_id_fkey
film	film_id	film_actor_film_id_fkey


Film_category

Key	Column	Data Type	Description
 	film_id	SMALLINT	Unique film number
 	category_id	SMALLINT	Unique category number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
film	film_id	film_category_film_id_fkey
category	category_id	film_category_category_id_fkey



Category

Key	Column	Data Type	Description
	category_id	SERIAL	Unique category number
	name	CHARACTER VARYING(25)	Category name
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
film_category	category_id	film_category_category_id_fkey


City

Key	Column	Data Type	Description
	city_id	SERIAL	Unique city number
	city	CHARACTER VARYING(50)	City name
	country_id	SMALLINT	Unique country number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
address	city_id	fkey_address_city
country	country_id	fkey_city



Country

Key	Column	Data Type	Description
	country_id	SERIAL	Unique country number
	country	CHARACTER VARYING(50)	Unique country name
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
city	country_id	fkey_city


Inventory

Key	Column	Data Type	Description
	inventory_id	SERIAL	Unique inventory number
	film_id	SMALLINT	Unique film number
	store_id	SMALLINT	Unique store number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
rental	inventory_id	rental_inventory_id_fkey
film	film_id	inventory_film_id_fkey



Language

Key	Column	Data Type	Description
	language_id	SERIAL	Unique language number
	name	CHARACTER(20)	Language name
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
film	language_id	film_language_id_fkey




Staff

Key	Column	Data Type	Description
	staff_id	SERIAL	Unique staff number
	first_name	CHARACTER VARYING(45)	Staff first name
	last_name	CHARACTER VARYING(45)	Staff last name
	address_id	SMALLINT	Unique address number
	email	CHARACTER VARYING(50)	Staff email address
	store_id	SMALLINT	Unique store number
	active	BOOLEAN	True value
	username	CHARACTER VARYING(16)	Staff username
	password	CHARACTER VARYING(40)	Staff password
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone
	picture	BYTEA	Picture information

Links

Table	Join Column	Link Name
store	staff_id	store_manager_staff_id_fkey_
rental	staff_id	rental_staff_id_fkey
payment	staff_id	payment_staff_id_fkey
address	address_id	staff_address_id_fkey

Store

Key	Column	Data Type	Description
	store_id	SERIAL	Unique store number
	manager_staff_id	SMALLINT	Unique manager staff number
	address_id	SMALLINT	Unique address number
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Last update date (YYYY-MM-DD) and time (24-hour time format) without time zone

Links

Table	Join Column	Link Name
staff	staff_id	store_manager_staff_id_fkey
address	address_id	store_address_id_fkey