



DATA DICTIONARY



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ROCKBUSTER

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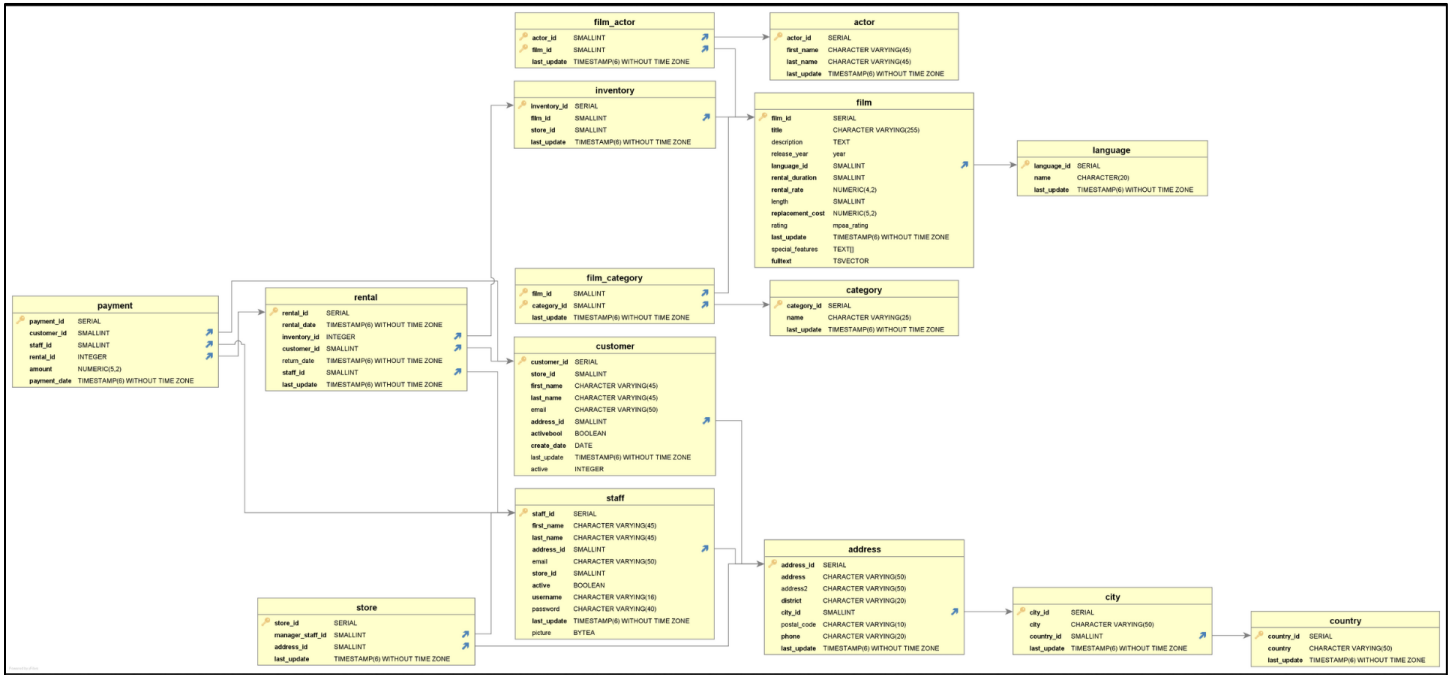
Entity Relationship Diagram: 2

Tables: 3


Legend:

🔑 = unique key


Entity Relationship Diagram:




Tables:

payment			
Columns		Data Type	Description
	payment_id	SERIAL	Unique ID of payment
	customer_id	SMALLINT	Unique ID of customer
	staff_id	SMALLINT	Unique ID of staff
	rental_id	INTEGER	Unique ID of rental instance
	amount	NUMERIC(5,2)	Total price of rental
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from payment


- Links to tables: customer, staff, rental

rental			
Columns		Data Type	Description
	rental_id	SERIAL	Unique ID of rental instance
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from rental
	inventory_id	INTEGER	Unique ID of inventory
	customer_id	SMALLINT	Unique ID of customer
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from return
	staff_id	SMALLINT	Unique ID of staff member
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links from table: payment
- Links to tables: inventory, customer, staff

staff			
Columns		Data Type	Description
	staff_id	SERIAL	Unique ID of staff member
	first_name	CHARACTER VARYING(45)	First name of staff member
	last_name	CHARACTER VARYING(45)	Last name of staff member
	address_id	SMALLINT	Unique ID of staff member's address
	email	CHARACTER VARYING(50)	Email address of staff member
	store_id	SMALLINT	Unique ID of store staff member works
	active	BOOLEAN	Staff member is active - true or false
	username	CHARACTER VARYING(16)	Staff member username
	password	CHARACTER VARYING(40)	Staff member password
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update
	picture	BYTEA	Photo of staff member


- Links from table: store
- Links to table: address

film			
Columns		Data Type	Description
	film_id	SERIAL	Unique ID of film
	title	CHARACTER VARYING(255)	Film title
	description	TEXT	Film description
	release_year	year	Film release year
	language_id	SMALLINT	Unique ID of film language
	rental_duration	SMALLINT	Duration of rental in days
	rental_rate	NUMERIC(4,2)	Price of rental
	length	SMALLINT	Length of film in minutes
	replacement_cost	NUMERIC(5,2)	Price to replace film
	rating	mpaa_rating	MPAA film rating
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update
	special_features	TEXT[]	Special features included in film rental
	fulltext	TSVECTOR	Description of film


- Links from tables: inventory, film_actor, film_category
- Links to table: language

customer			
Columns		Data Type	Description
	customer_id	SERIAL	Unique ID of customer
	store_id	SMALLINT	Unique ID of store
	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 ID of customer address
	activebool	BOOLEAN	Customer is active – true or false
	create_date	DATE	Date customer record was created
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update
	active	INTEGER	Status of customer


- Links from table: rental
- Links to table: address

store			
Columns		Data Type	Description
	store_id	SERIAL	Unique ID of store
	manager_staff_id	SMALLINT	Unique ID of store manager
	address_id	SMALLINT	Unique ID of store address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links to tables: staff, address

actor			
Columns		Data Type	Description
	actor_id	SERIAL	Unique ID of actor
	first_name	CHARACTER VARYING(45)	Actor first name
	last_name	CHARACTER VARYING(45)	Actor last name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links from table: film_actor

address			
Columns		Data Type	Description
	address_id	SERIAL	Unique ID of address
	address	CHARACTER VARYING(50)	Street address
	address2	CHARACTER VARYING(50)	Apartment/suite
	district	CHARACTER VARYING(20)	State/district
	city_id	SMALLINT	ID number of city
	postal_code	CHARACTER VARYING(10)	Postal code
	phone	CHARACTER VARYING(20)	Phone number
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links from tables: customer, staff, store
- Links to table: city

category			
Columns		Data Type	Description
	category_id	SERIAL	Unique ID of film category
	name	CHARACTER VARYING(25)	Category name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update



- Links from table: film_category

city			
Columns		Data Type	Description
	city_id	SERIAL	Unique ID of city
	city	CHARACTER VARYING(50)	City name
	country_id	SMALLINT	Unique ID of country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update

- Links from table: address
- Links to table: country

country			
Columns		Data Type	Description
	country_id	SERIAL	Unique ID of country
	country	CHARACTER VARYING(50)	Country name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links from table: city

film_actor			
Columns		Data Type	Description
	actor_id	SMALLINT	Unique ID of actor
	film_id	SMALLINT	Unique ID of film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update


- Links to tables: film, actor

film_category			
Columns		Data Type	Description
	film_id	SMALLINT	Unique ID of film
	category_id	SMALLINT	Unique ID of category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update

- Links to tables: film, category

inventory			
Columns		Data Type	Description
	inventory_id	SERIAL	Unique ID of inventory
	film_id	SMALLINT	Unique ID of film
	store_id	SMALLINT	Unique ID of store
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update

- Links from table: rental
- Links to table: film

language			
Columns		Data Type	Description
	language_id	SERIAL	Unique ID of language
	name	CHARACTER(20)	Language name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp from last update

- Links from table: film