

DATA DICTIONARY

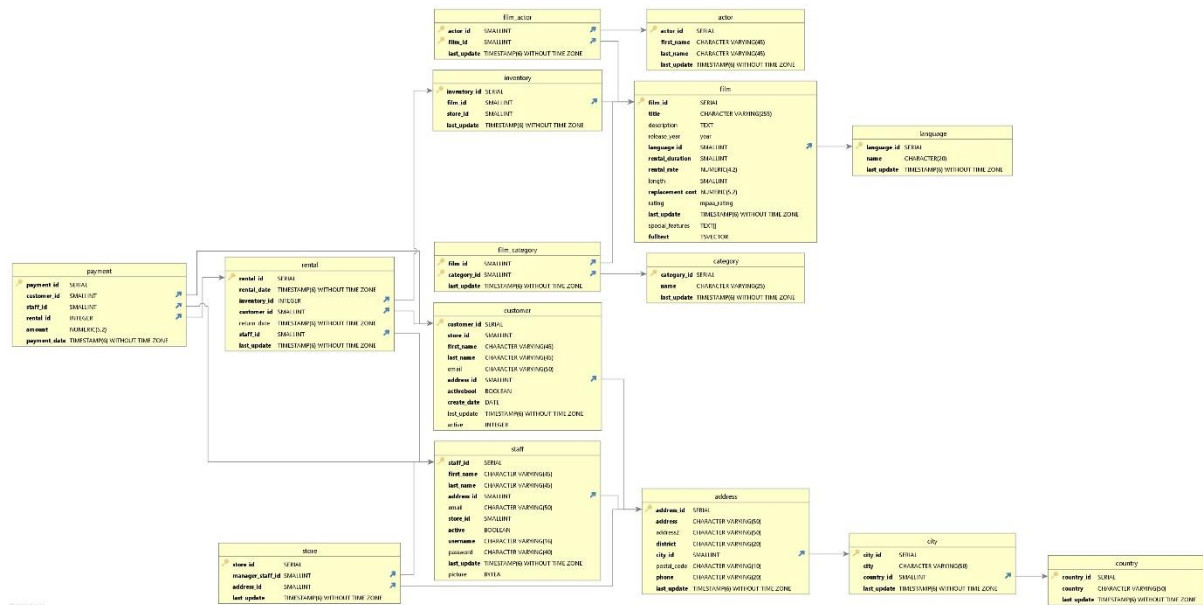
ROCKBUSTER STEALTH

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Table of Contents


1. The Entity Relationship Diagram (ERD) of The Rockbuster Database	2
2. Fact Tables	2
2.1. Payment	2
2.2. Rental	2
3. Dimension Tables	3
3.1. Store	3
3.2. Film_actor	3
3.3. Inventory	3
3.4. Film_category	3
3.5. Customer	4
3.6. Staff	4
3.7. Actor	5
3.8. Film	5
3.9. Category	5
3.10. Address	5
3.11. Language	6
3.12. City	6
3.13. Country	6

1. The Entity Relationship Diagram (ERD) of The Rockbuster Database




2. Fact Tables

2.1. Payment

	Column	Data Type	Description
	payment_id	SERIAL	The primary key to payment
	customer_id	SMALLINT	Unique identification number for customer
	staff_id	SMALLINT	Unique identification number for staff
	rental_id	INTEGER	Unique identification number for the rental
	amount	NUMERIC(5,2)	The total payment paid by the customer
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the payment was paid


2.2. Rental

	Column	Data Type	Description
	rental_id	SERIAL	The primary key to the rental
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the rental was made
	inventory_id	INTEGER	Unique identification number for the inventory



	customer_id	SMALLINT	Unique identification number for customer
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the return was made
	staff_id	SMALLINT	Unique identification number for staff
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3. Dimension Tables


3.1. Store

	Column	Data Type	Description
	store_id	SERIAL	The primary key to store
	manager_staff_id	SMALLINT	Unique identification number for manager staff
	address_id	SMALLINT	Unique identification number for address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated


3.2. Film_actor


	Column	Data Type	Description
	actor_id	SMALLINT	Unique identification number for actor
	film_id	SMALLINT	Unique identification number for the movie
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3.3. Inventory


	Column	Data Type	Description
	inventory_id	SERIAL	The primary key to inventory
	film_id	SMALLINT	Unique identification number for the movie
	store_id	SMALLINT	Unique identification number for the store
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3.4. Film_category


	Column	Data Type	Description
	film_id	SMALLINT	Unique identification number for the movie

	category_id	SMALLINT	Unique identification number for the category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated


3.5. Customer

	Column	Data Type	Description
	customer_id	SERIAL	The primary key to customer
	store_id	SMALLINT	Unique identification number for the store
	first_name	CHARACTER VARYING (45)	The first name of the customer
	last_name	CHARACTER VARYING (45)	The last name of the customer
	email	CHARACTER VARYING (45)	The email address of the customer
	address_id	SMALLINT	Unique identification number for the address
	activebool	BOOLEAN	True = active; False = inactive
	create_date	DATE	Date and time when the customer data was created
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated
	active	INTEGER	1 = active; 0 = inactive


3.6. Staff

	Column	Data Type	Description
	staff_id	SERIAL	The primary key to staff
	first_name	CHARACTER VARYING (45)	The first name of the staff
	last_name	CHARACTER VARYING (45)	The last name of the staff
	address_id	SMALLINT	Unique identification number for the address
	email	CHARACTER VARYING (45)	The email address of the staff
	store_id	SMALLINT	Unique identification number for the store
	active	BOOLEAN	True = active; False = inactive
	username	CHARACTER VARYING (45)	The username of the staff
	password	CHARACTER VARYING (45)	The password of the staff's username
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated
	picture	BYTEA	The picture of the staff


3.7. Actor

	Column	Data Type	Description
	actor_id	SMALLINT	Unique identification number for the actor
	first_name	CHARACTER VARYING (45)	The first name of the actor
	last_name	CHARACTER VARYING (45)	The last name of the actor
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated


3.8. Film

	Column	Data Type	Description
	film_id	SERIAL	The primary key to the movie
	title	CHARACTER VARYING (45)	The title of the movie
	description	TEXT	The short description of the movie
	release_year	year	The year when the movie was released
	language_id	SMALLINT	Unique identification number for the language
	rental_duration	SMALLINT	The duration of the movie rental
	rental_rate	NUMERIC(4,2)	The rental rate of the movie
	length	SMALLINT	The duration of the movie
	replacement_cost	NUMERIC(5,2)	The cost of replacing the movie
	rating	mpaa_rating	The rating of the movie
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated
	special_features	TEXT	The special features added to the movie
	fulltext	TSVECTOR	The keyword of the movie

3.9. Category


	Column	Data Type	Description
	category_id	SERIAL	The primary key to the category
	name	CHARACTER VARYING (45)	The name of the category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3.10. Address


	Column	Data Type	Description
	address_id	SERIAL	The primary key to address
	address	CHARACTER VARYING (50)	The complete address from the record (customer/staff)
	address2	CHARACTER VARYING (50)	The second complete address from the record (customer/staff)

	district	CHARACTER VARYING (20)	The district of the address
	city_id	SMALLINT	Unique identification number for the city
	postal_code	CHARACTER VARYING (10)	Unique identification number in postal code for the city
	phone	CHARACTER VARYING (20)	The phone number from the record (customer/staff)
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated


3.11. Language

	Column	Data Type	Description
	language_id	SERIAL	The primary key to language
	name	CHARACTER VARYING (20)	The language type provided in the movie
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3.12. City

	Column	Data Type	Description
	city_id	SERIAL	The primary key to the city
	city	CHARACTER VARYING (50)	The name of the city
	country_id	SMALLINT	Unique identification number for the country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated

3.13. Country

	Column	Data Type	Description
	country_id	SERIAL	The primary key to the country
	country	CHARACTER VARYING (50)	The name of the country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the record was last updated