

Rockbuster Stealth LLC








DATA DICTIONARY

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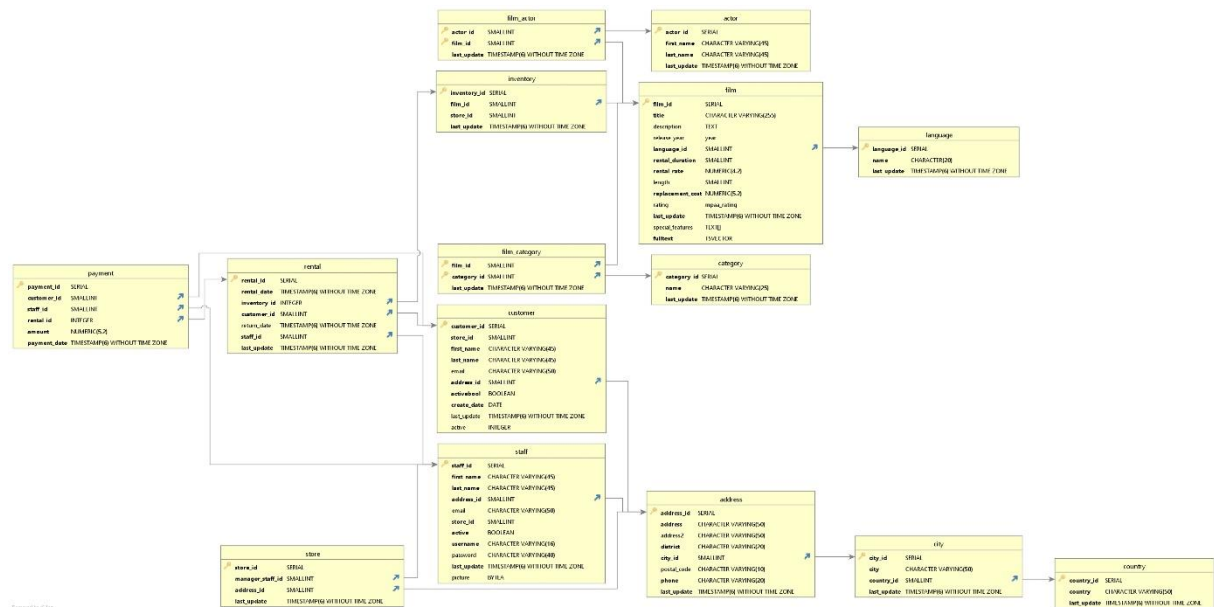
Table of Contents

1. ENTITY RELATIONSHIP DIAGRAM (ERD)	2
1. FACT TABLES	2
2.1 payment.....	2
2.2 store.....	2
2.3 film_actor	3
2.4 film_category.....	3
2. DIMENSION TABLES.....	4
3.1 film.....	4
3.2 rental	4
3.3 inventory	5
3.4 actor.....	5
3.5 category.....	6
3.6 language	6
3.7 customer.....	6
3.8 staff.....	7
3.9 address	8
3.10 city	8
3.11 country	9

LEGEND

	PRIMARY KEY		PRIMARY KEY RELATION
	FOREIGN KEY		FOREIGN KEY RELATION
	COMPOSITE KEY		COMPOSITE KEY RELATION
	UNIQUE KEY		

1. ENTITY RELATIONSHIP DIAGRAM (ERD)



1. FACT TABLES

2.1 payment



Key	Column	Data Type	Description
➡	payment_id	SERIAL	Unique ID number assigned to payment method
➡	customer_id	SMALLINT	Unique ID number assigned to customer
➡	staff_id	SMALLINT	Unique ID number assigned to employee
➡	rental_id	INTEGER	Unique ID number assigned to rental
	amount	NUMERIC(5,2)	Amount paid
	payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment

LINKS TO



Key	Table	Join
↺	customer	payment.customer_id = customer.customer_id
↺	staff	payment.staff_id = staff.staff_id
↺	rental	payment.rental_id = rental.rental_id

2.2 store



Key	Column	Data Type	Description
➡	store_id	SERIAL	Unique number assigned to store

	manager_staff_id	SMALLINT	Unique number assigned to store manager
	address_id	SMALLINT	Unique number assigned to store address
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made



LINKS TO

Key	Table	Join
	staff	store.manager_staff_id = staff.staff_id
	Address	store.address_id = address.address_id



2.3 film_actor

Key	Column	Data Type	Description
	actor_id	SMALLINT	Unique number assigned to an actor
	film_id	SMALLINT	Unique number assigned to a film
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made



LINKED WITH

Key	Table	Join
	actor	film_actor.actor_id = actor.actor_id
	address	film_actor.film_id = film.film_id

2.4 film_category



Key	Column	Data Type	Description
	film_id	SMALLINT	Unique number assigned to a film
	category_id	SMALLINT	Unique number assigned to a film category or genre
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made

LINKED WITH



Key	Table	Join
	film	film_category.film_id = film.film_id
	category	film_category.category_id = category.category_id

2. DIMENSION TABLES


3.1 film

Key	Column	Data Type	Description
	film_id	SERIAL	Unique number assigned to a film
	title	CHARACTERVARYING(255)	Title of film
	description	TEXT	Description of film
	release_year	Year	Year of release of film
	language_id	SMALLINT	Unique number assigned to language of a film
	rental_duration	SMALLINT	How long film may be rented out for
	rental_rate	NUMERIC(4,2)	Price of rental
	length	SMALLINT	Length of film
	replacement_cost	NUMERIC(5,2)	Cost to replace film
	rating	Mpaa_rating	Film rating in reference to suitability for certain audiences
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made
	special_features	TEXT[]	Special features offered with film
	fulltext	TVSECTOR	Keywords associated with film




LINKED FROM


Key	Table	Join
	film	Inventory.film_id = film.film_id
	category	film_category.film_id = film.film_id

LINKED TO


Key	Table	Join
	Language	Film.language_id = language.language_id

3.2 rental




Key	Column	Data Type	Description
	rental_id	SERIAL	Unique number assigned to a rented film
	rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Time/date of rental
	inventory_id	INTEGER	Unique number assigned to inventory
	customer_id	SMALLINT	Unique number assigned to a customer

	return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Rental date item was returned
	staff_id	SMALLINT	Unique number assigned to an employee
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made



LINKED FROM

Key	Table	Join
	payment	payment.rental_id = rental.rental_id


LINKED TO

Key	Table	Join
	inventory	rental.inventory_id = inventory.inventory_id
	customer	rental.customer_id = customer.customer_id
	staff	rental.staff_id = staff.staff_id


3.3 inventory

Key	Column	Data Type	Description
	inventory_id	SERIAL	Unique number assigned to item
	film_id	SMALLINT	Unique number assigned to a film
	store_id	SMALLINT	Unique number assigned to a store
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made


LINKED FROM

Key	Table	Join
	rental	Rental.inventory_id = inventory.inventory_id

LINKED TO


Key	Table	Join
	film	Inventory.film = film.film_id

3.4 actor


Key	Column	Data Type	Description
	actor_id	SERIAL	Unique number assigned to an actor
	first_name	CHARACTERVARYING(45)	First name of actor

	last_name	CHARACTERVARYING(50)	Last name of actor
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made


LINKED FROM

Key	Table	Join
	film_actor	Film_actor.actor_id = actor.actor_id


3.5 category

Key	Column	Data Type	Description
	category_id	SERIAL	Unique number assigned to film category or genre
	name	CHARACTERVARYING(25)	Name of category or genre
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made


LINKED FROM

Key	Table	Join
	film_category	film.category.category_id = category.category_id



3.6 language

Key	Column	Data Type	Description
	language_id	SERIAL	Unique number assigned to a language
	name	CHARACTER(20)	Name of language (i.e. German, English, Spanish, etc)
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made

LINKED FROM



Key	Table	Join
	film	film.language_id = language.language_id

3.7 customer


Key	Column	Data Type	Description
	customer_id	SERIAL	Unique number assigned to a customer
	store_id	SMALLINT	Unique number assigned to a store
	first_name	CHARACTERVARYING(45)	First name of customer
	last_name	CHARACTERVARYING(45)	Last name of customer
	email	CHARACTERVARYING(50)	Email of customer
	address_id	SMALLINT	Unique number assigned an address of customer
	activebool	BOOLEAN	Active customer? True or false
	create_date	DATE	Date of entry was generated

	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Data last update was made
	active	INTEGER	Is customer active? 0 or 1



LINKED FROM

Key	Table	Join
	payment	payment.customer_id = customer.customer_id
	rental	rental.customer_id = customer.customer_id




LINKED TO

Key	Table	Join
	address	customer.address_id = address.address_id


3.8 staff

Key	Column	Data Type	Description
	staff_id	SERIAL	Unique number assigned to an employee
	first_name	CHARACTERVARYING(45)	First name of employee
	last_name	CHARACTERVARYING(45)	Last name of employee
	address_id	SMALLINT	Unique number assigned to an employee's address
	email	CHARACTERVARYING(50)	Email address of employee
	store_id	SMALLINT	Number given to store
	active	BOOLEAN	Employee active? True or False
	username	CHARACTERVARYING(16)	Username of employee
	password	CHARACTERVARYING(40)	Password of employee
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last entry/update was made
	picture	BYTEA	Picture of employee



LINKED FROM

Key	Table	Join
	store	store.staff_id = staff.staff_id
	payment	payment.staff_id = staff.staff_id
	rental	rental.staff_id = staff.staff_id




LINKED TO

Key	Table	Join
	address	staff.address_id = address.address_id


3.9 address

Key	Column	Data Type	Description
	address_id	SERIAL	Unique number assigned to an address
	address	CHARACTERVARYING(50)	Street address
	address2	CHARACTERVARYING(50)	Additional street address information, i.e. apartment number, etc.
	district	CHARACTERVARYING(20)	District name
	city_id	SMALLINT	Unique number assigned to a city
	postal_code	CHARACTERVARYING(10)	Postal code
	phone	CHARACTERVARYING(20)	Phone number
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made



LINKED FROM

Key	Table	Join
	customer	customer.address_id = address.address_id
	staff	staff.address_id = address.address_id
	Store	store.address_id = address.address_id


LINKED TO

Key	Table	Join
	city	address.city_id = city.city_id


3.10 city

Key	Column	Data Type	Description
	city_id	SERIAL	Unique number assigned to a city
	city	CHARACTERVARYING(50)	Name of city
	country_id	SMALLINT	Unique number assigned a country
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made


LINKED FROM

Key	Table	Join
	address	address.city_id = city.city_id


LINKED TO

Key	Table	Join
	country	city.country_id = country.country_id

3.11 country

Key	Column	Data Type	Description
	country_id	SERIAL	Unique number assigned to a country
	country	CHARACTERVARYING(50)	Name of country
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date last update/entry was made

LINKED FROM

Key	Table	Join
	city	city.country_id = country.country_id