

ROCKBUSTER STEALTH DATA DICTIONARY

abl	e of Contents	1
1.	Rockbuster Stealth LLC	2
2.	Entity Relationship Diagram (ERD)	3
	Legend	4
	Fact Tables	5
	a. Payment	5
	b. Rental	5
5.	Dimension Tables	6
	a. Store	6
	b. Staff	7
	c. Address	8
	d. City	8
	e. Country	9
	f. Customer	9
	g. Film	10
	h. Film_Actor	11
	i. Actor	11
	j. Language	12
	k. Inventory	12
	I. Category	13
	m. Film Category	13

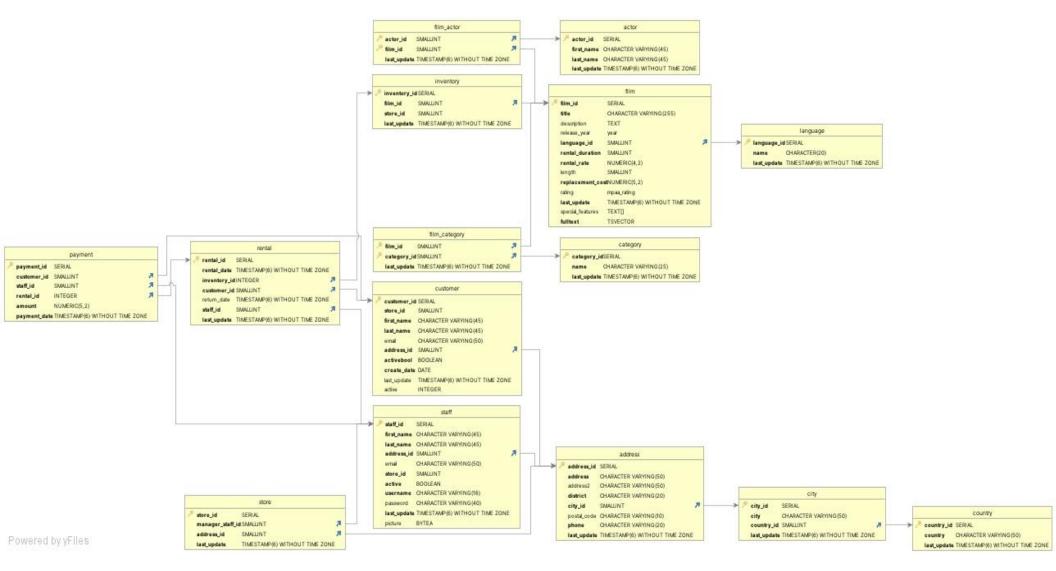
# **Rockbuster Stealth**

Introduction: This document will serve as a reference as a Data Dictionary for Rockbuster Stealth LLC SQL Database.

# Data Set

This document is based off the Rockbuster Stealth's data set for multiple tables.

# **Entity Relationship Diagram**



# Legend

# Legend Primary Key Foreign Key

# **Fact Tables**

# a. Payment

	<u>Name</u>	<u>Data Type</u>	<u>Description</u>
8	payment_id	Serial	Unique Key for Payment Table.
E3.	customer_id	Smallint	Unique Key for Customer Table.
53	staff_id	Smallint	Unique Key for Staff Table.
53	rental_id	Integer	Unique Key for Rental Table.
	amount	Numeric (5,2)	Transaction Amount.
	payment_date	Timestamp (6) w/o Time Zone	Transaction Date.

#### Links To:

- Customer Table on payment.customer\_id = customer.customer.id
- Staff Table on payment.staff.id = staff.staff.id
- Rental Table on payment.rental\_id = rental.rental\_id

## b. Rental

	<u>Name</u>	<u>Data Type</u>	<u>Description</u>
8	rental_id	Serial	Unique Key for Rental Table.
	rental_date	Timestamp (6) w/o Time Zone	Date of Rental.
Ε3,	inventory_id	Integer	Unique Key for Inventory Table.
E3,	customer_id	Smallint	Unique Key for Customer Table.
	return_date	Timestamp (6) w/o Time Zone	Date of Return.
EL,	staff_id	Smallint	Unique Key for Staff Table.
	last_update	Timestamp (6) w/o Time Zone	Last Update.

#### Links To:

- Inventory Table on rental.inventory\_id = inventory.inventory\_id
- Customer Table on rental.customer\_id = customer.rental\_id
- Staff Table on rental.staff\_id = staff.staff\_id

# **Dimension Tables**

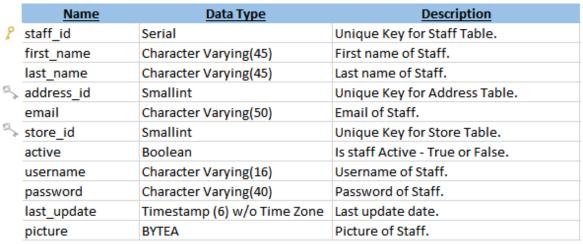
# a. Store

	<u>Name</u>	<u>Data Type</u>	<u>Description</u>
8	store_id	Serial	Unique Key for Store Table.
5	manager_staff_id	Smallint	Unique Key of Manager for Staff Table.
5	address_id	Smallint	Unique Key for Adress Table.
	last_update	Timestamp (6) w/o Time Zone	Last Update date.

## Links To:

- Address Table on store.address\_id = address.address\_id
- Staff Table on store.staff\_id = staff.staff\_id

## b. Staff



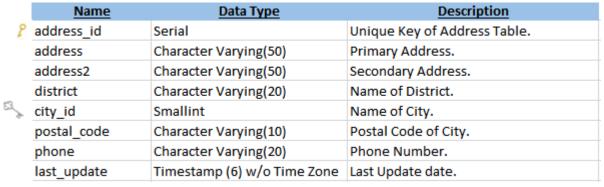
#### Links To:

• Address Table staff.address id = address.address id

#### Links From:

- Rental Table on rental.staff\_id = staff.staff.id
- Store Table on store.manager\_staff\_id = staff.staff\_id
- Payment Table on payment.staff\_id = staff.staff\_id

## c. Address



#### Links To:

• City Table on address.city id = city.city id

#### Links From:

- Store Table on store.address id = address.address id
- Staff Table on staff.address id = address.address id
- Customer Table on customer.address id = address.address id

## d. City

	<u>Name</u>	<u>Data Type</u>	<u>Description</u>
2	city_id	Serial	Unique Key for City Table.
	city	Character Varying(50)	City Name.
	country_id	Smallint	Unique Key for Country Table.
	last_update	Timestamp (6) w/o Time Zone	Last Update date.

#### Links To:

• Country Table on city.country\_id = country.country\_id

#### Links From:

• Address Table on address.city\_id = city.city\_id

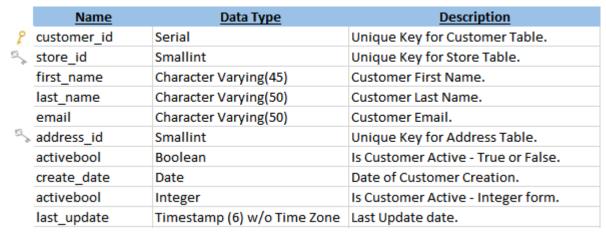
# e. Country



#### Links From:

• City Table on city.country id = country.country id

#### f. Customer



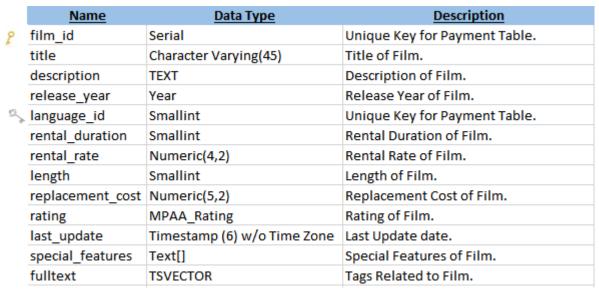
#### Links To:

• Address Table on customer.address\_id = address.address\_id

#### Links From:

- Rental Table on rental.customer\_id = customer.customer\_id
- Payment Table on payment.customer id = customer.customer id

# g. Film



#### Links To:

• Language Table on film.language\_id = language.language\_id

#### Links From:

- Inventory Table on inventory.film id = film.film id
- Film\_actor Table on film\_actor.film\_id = film.film\_id
- Film\_category Table on film\_category.film\_id = film.film\_id

# h. Film\_actor



#### Links To:

- Actor Table on film actor.actor id = actor.actor id
- Film Table on film\_actor.film\_id = film.film\_id

## i. Actor



#### Links From:

• Film actor Table on film actor.actor id = actor.actor id

# j. Language



#### Links From:

• Film Table on film.language\_id = language.language\_id

# k. Inventory



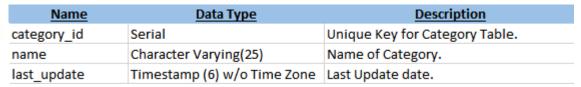
#### Links To:

• Film Table on inventory.film id = film.film id

#### Links From:

Rental Table on rental.inventory\_id = inventory.inventory\_id

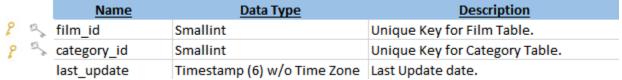
# I. Category



#### Links From:

• Film category Table on film category.category id = category.category id

# m. Film Category



#### Links To:

- Film Table on film category id = film.film id
- Category Table on film\_category.category\_id = category.category\_id