

# Rockbuster Stealth LLC.Data Dictionary

10-27-2021









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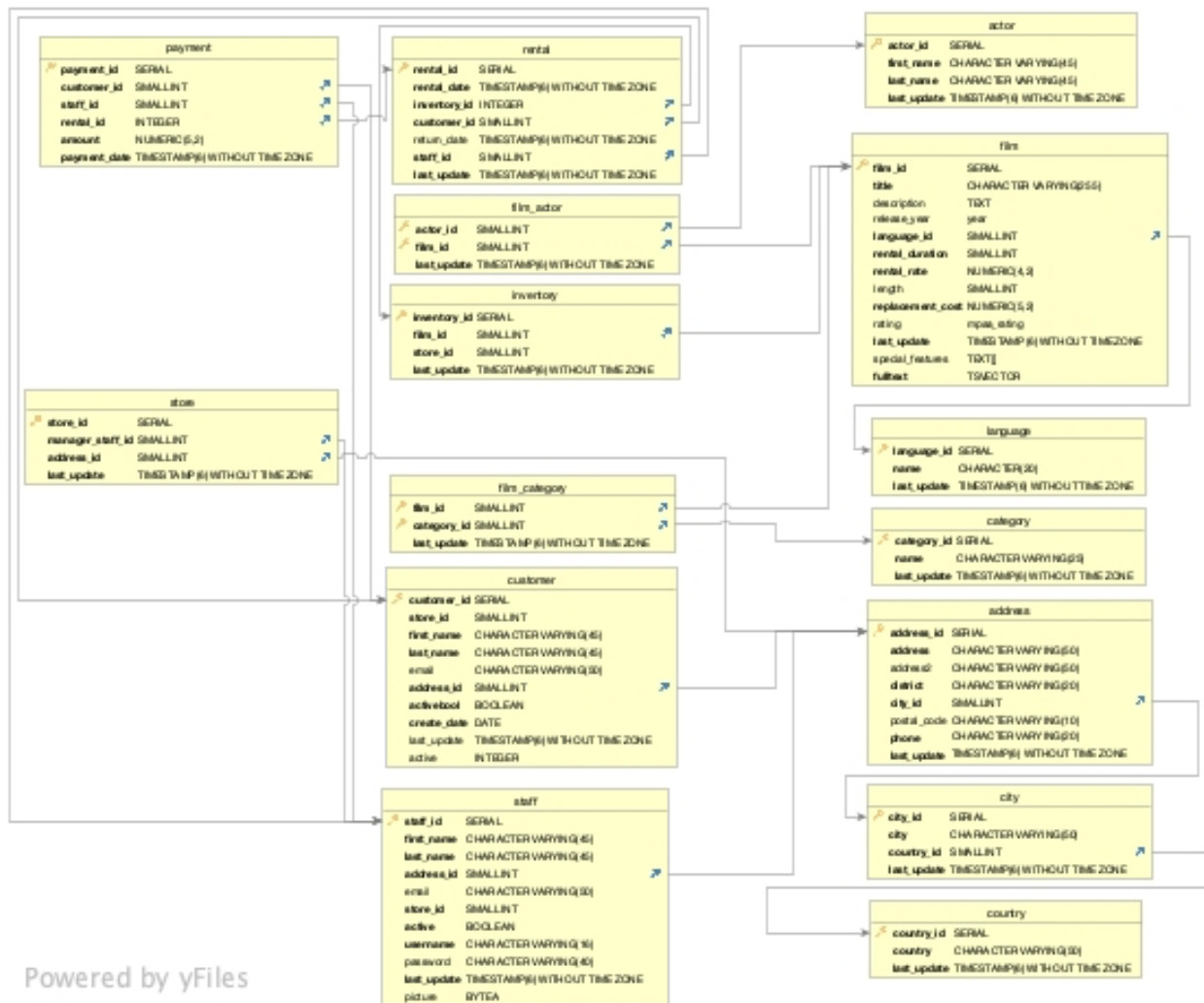
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## 1. Legend


	Primary Key
	Foreign Key
	Composite Key
	Links To
	Linked From
	Linked Together

## 2. Entity Relationship Diagram – ERD




## 3. Tables



### 3.1 Actor

KEY	COLUMN	DATA TYPE	DESCRIPTION
	actor_id	SERIAL	Identification number assigned to actor/actress
	first_name	CHARACTER VARYING(45)	Actor/Actress's first name
	last_name	CHARACTER VARYING(45)	Actor/Actress's last name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the actor's names were last updated


#### Linked From

	TABLE	KEY TYPE	JOIN
	film_actor	Primary	film_actor.actor_id = actor.actor_id




### 3.2 Address

KEY	COLUMN	DATA TYPE	DESCRIPTION
	address_id	SERIAL	Identification number assigned to address
	address	CHARACTER VARYING(45)	First line of address
	address2	CHARACTER VARYING(45)	Second line of address
	district	CHARACTER VARYING(45)	The address's district
	city_id	SMALLINT	Identification number assigned to city
	postal_code	CHARACTER VARYING(45)	The address's postal code number
	phone	CHARACTER VARYING(45)	The phone number of assigned to address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the address was last updated


#### Linked To

	TABLE	KEY TYPE	JOIN
	City	Foreign	address.city_id = city.city_id


**Linked From**

	TABLE	KEY TYPE	JOIN
	Customer	Foreign	customer.address_id = address.address_id
	Staff	Foreign	staff.address_id = address.address_id
	Store	Foreign	store.address_id = address.address_id



### 3.3 Category

KEY	COLUMN	DATA TYPE	DESCRIPTION	COLUMN
	category_id	SERIAL	Identification number assigned to categorial records	category_id
	name	CHARACTER(25)	Name of the category	name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the category was updated	last_update


**Linked From**

	TABLE	KEY TYPE	JOIN
	Customer	Primary	film_category.category_id = category.category_id


### 3.4 City

KEY	COLUMN	DATA TYPE	DESCRIPTION
	city_id	SERIAL	Identification number assigned to city
	city	CHARACTER VARYING(50)	Name of the city
	country_id	SMALLINT	Identification number assigned to country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the city was last updated


**Linked To**

	TABLE	KEY TYPE	JOIN
	Country	Foreign	city.country_id = country.country_id


**Linked From**

	TABLE	KEY TYPE	JOIN
	address	Primary	address.city_id = city.city_id



**3.5 Country**

KEY	COLUMN	DATA TYPE	DESCRIPTION
	country_id	SERIAL	Identification number assigned to country
	Country	CHARACTER VARYING(50)	Name of country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the country was last updated


**Linked From**

	TABLE	KEY TYPE	JOIN
	city	Primary	city.city_id = country.city_id



**3.6 Customer**

KEY	COLUMN	DATA TYPE	DESCRIPTION
	customer_id	SERIAL	Identification number assigned to customer
	store_id	SMALLINT	Identification number assigned to store
	first_name	CHARACTER VARYING(45)	Customer's first name
	last_name	CHARACTER VARYING(45)	Customer's last name
	email	CHARACTER VARYING(45)	Customer's email address
	address_id	SMALLINT	Identification number assigned to customers email
	activebool	BOOLEAN	T/F to see if customer is active within the system
	create_date	DATE	Date/time customer was inputted into system
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time customer's profile was last updated
	active	INTEGER	0/1 integer for active customers



**Linked To**

	TABLE	KEY TYPE	JOIN
	Address	Foreign	customer.address_id = address.address_id


**Linked From**

	TABLE	KEY TYPE	JOIN
	rental	Primary	rental.rental_id = customer.rental_id
	payment	primary	payment.customer_id = customer.customer_id




**3.7 Film**

KEY	COLUMN	DATA TYPE	DESCRIPTION
	film_id	SERIAL	Identification number assigned to film
	title	CHARACTER VARYING(255)	Title of movie
	description	TEXT	Description of film
	release_year	YEAR	Release of film
	language_id	SMALLINT	Identification number assigned to language used in film. Language within the film
	rental_duration	SMALLINT	Duration of rental time for film
	rental_rate	NUMERIC(4,2)	Rental rate for film
	length	SMALLINT	Length of film
	replacement_cost	NUMERIC(5,2)	How much replacement costs
	rating	MPAA_RATING	Rating of film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the film's file was updated
	special_features	TEXT[]	Description of film's special features
	fulltext	TSVECTOR	Fulltext description of the film



**Linked To**

	TABLE	KEY TYPE	JOIN
	language	Foreign	film.language_id = language.language_id



**Linked From**

	TABLE	KEY TYPE	JOIN
	film_actor	Primary	film_actor.film_id = film.film_id
	inventory	Primary	inventory.film_id = film.film_id
	film_category	Primary	film_category.film_id = film.film_id



### 3.8 Film\_actor

KEY	COLUMN	DATA TYPE	DESCRIPTION
	actor_id	SMALLINT	Identification number assigned to actor
	film_id	SMALLINT	Identification number assigned to film
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the actor was last updated

**Linked Together**



	TABLE	KEY TYPE	JOIN
	actor	Primary/Foreign	film_category.film_id = film.film_id
	film	Primary/Foreign	film_category.category_id = category.category_id

### 3.9 Film\_category



KEY	COLUMN	DATA TYPE	DESCRIPTION
	film_id	SMALLINT	Identification number assigned to film
	category_id	SMALLINT	Identification number assigned to category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the film was last updated




**Linked Together**

	TABLE	KEY TYPE	JOIN
	film	Primary/Foreign	film_category.film_id = film.film_id
	category	Primary/Foreign	film_category.category_id = category.category_id


### 3.10 Inventory

KEY	COLUMN	DATA TYPE	DESCRIPTION
	inventory_id	SERIAL	Identification number assigned to inventory
	film_id	SMALLINT	Identification number assigned to film
	store_id	SMALLINT	Identification number assigned to store
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the inventory was updated


**Linked To**

	TABLE	KEY TYPE	JOIN
	film	Foreign	inventory.film_id = film.film_id


**Linked From**

	TABLE	KEY TYPE	JOIN
	rental	Primary	rental.inventory_id = inventory.inventory_id





### 3.11 Language

KEY	COLUMN	DATA TYPE	DESCRIPTION
	language_id	SERIAL	Identification number assigned to language/dialect
	name	CHARACTER(20)	Name of the language/dialect
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the language's file was updated




**Linked From**

	TABLE	KEY TYPE	JOIN
	film	Primary	film.language_id = language.language_id




**3.12 Payment**


KEY	COLUMN	DATA TYPE	DESCRIPTION
	payment_id	SERIAL	Identification number assigned to payment records
	customer_id	SMALLINT	Identification number assigned to customer
	staff_id	SMALLINT	Identification number assigned to staff
	rental_id	INTEGER	Identification number assigned to rental
	amount	NUMERIC(5,2)	Amount paid
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date the payment was made

**Linked To**




	TABLE	KEY TYPE	JOIN
	customer	Foreign	payment.customer_id = customer.customer_id
	staff	Foreign	payment.staff_id = staff.staff_id
	rental	Foreign	payment.rental_id = rental.rental_id

**3.13 Rental**


KEY	COLUMN	DATA TYPE	DESCRIPTION
	rental_id	SERIAL	Identification number assigned to rentals
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date rental was made
	inventory_id	INTEGER	Identification number assigned to inventory
	customer_id	SMALLINT	Identification number assigned to customer who made rental

	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date rental was returned
	staff_id	SMALLINT	Identification number assigned to staff member who made the rental
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the rental was last updated



### Linked To

	TABLE	KEY TYPE	JOIN
	inventory	Foreign	rental.inventory.id = inventory.inventory_id
	customer	Foreign	rental.customer_id = customer.customer_id
	staff	Foreign	rental.staff_id = staff.staff_id

### Linked From


	TABLE	KEY TYPE	JOIN
	payment	Primary	payment.rental_id = rental.rental_id

## 3.14 Staff




KEY	COLUMN	DATA TYPE	DESCRIPTION
	staff_id	SERIAL	Identification number assigned to customer
	store_id	SMALLINT	Identification number assigned to store
	first_name	CHARACTER VARYING(45)	Customer's first name
	last_name	CHARACTER VARYING(45)	Customer's last name
	email	CHARACTER VARYING(45)	Customer's email address
	address_id	SMALLINT	Identification number assigned to customers email
	activebool	BOOLEAN	T/F to see if customer is active within the system
	create_date	DATE	Date/time customer was inputted into system
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time customer's profile was last updated

active	INTEGER	0/1 integer for active customers
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**Linked To**

	TABLE	KEY TYPE	JOIN
	address	Foreign	staff.address_id = address.address_id



**Linked From**

	TABLE	KEY TYPE	JOIN
	rental	Primary	rental.staff_id = staff.staff_id
	store	Primary	store.manager_staff_id = staff.staff_id
	payment	Primary	payment.staff_id = staff.staff_id

### 3.15 Store

KEY	COLUMN	DATA TYPE	DESCRIPTION
	store_id	SERIAL	Identification number assigned to store
	manager_staff_id	SMALLINT	Identification number assigned to management staff
	address_id	SMALLINT	Identification number assigned to address
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date/time the store was last updated

**Linked To**

	TABLE	KEY TYPE	JOIN
	staff	Foreign	store.manager_staff_id = staff.staff_id
	address	Foreign	store.address_id = address.address_id