



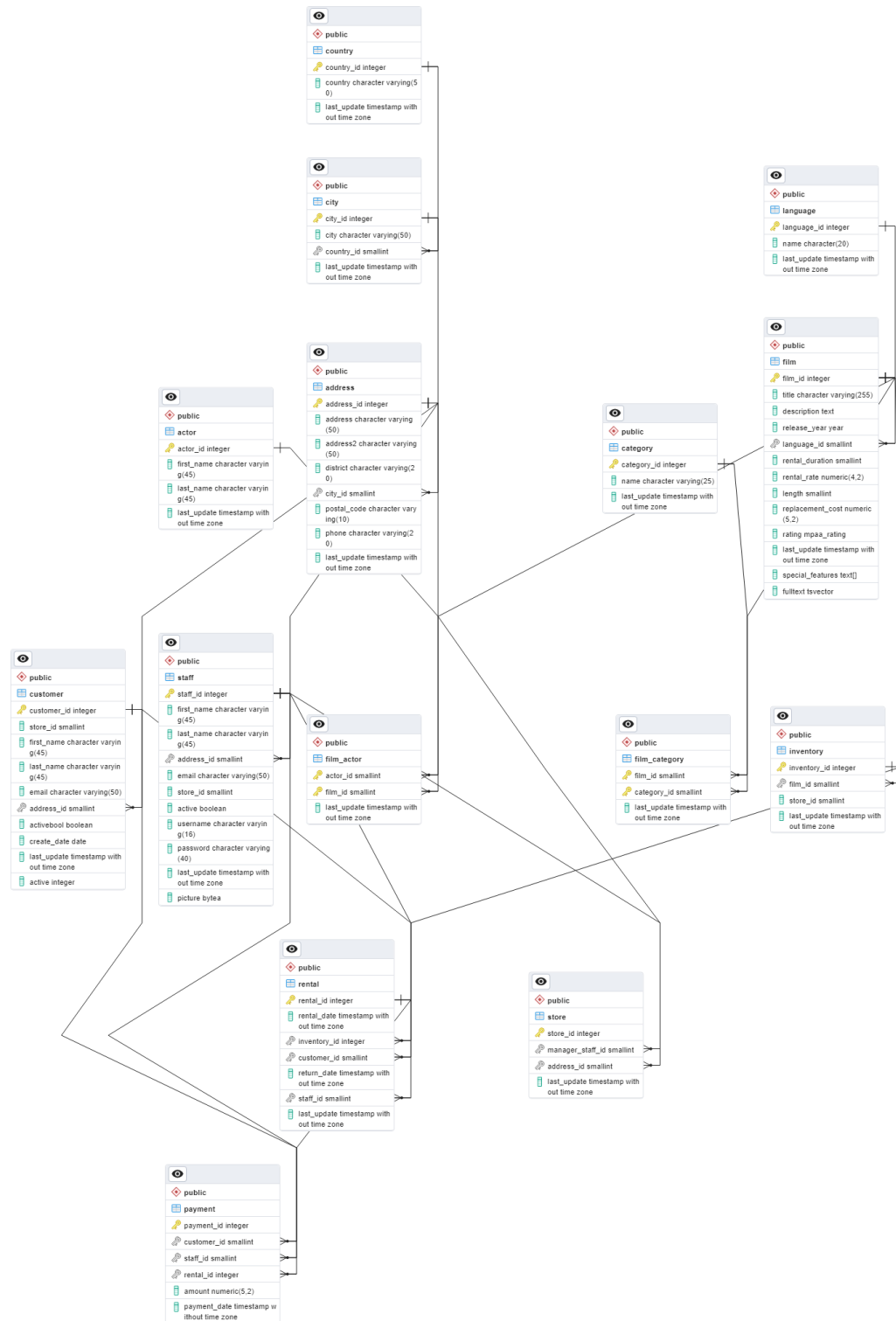
Rockbuster Stealth LLC

DATA DICTIONARY

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Entity Relationship Diagram (ERD)



1) Fact tables

- Payment table

No.	Table	column	Data type	Description
1	Payment	payment_id	Integer	Unique identifier for payment
		customer_id	smallint	Unique identifier for customer
		staff_id	smallint	Unique identifier for staff
		rental_id	Integer	Unique identifier for rental
		amount	Numeric (L.5/S.2)	Amount in numerical value
		payment_date	Timestamp without time zone	It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	Customer	Payment.customer_id=Customer.customer_id
	2	Staff	Payment.staff_id=Staff.staff_id
	3	Rental	Payment.rental_id=Rental.rental_id
Links from	N/A		

- Rental table

2	Rental	rental_id	Integer	Unique identifier for rental
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		rental_date	Timestamp without time zone	It is a date –time- (timestamp without time zone)
		inventory_id	Integer	Unique identifier for inventory
		customer_id	Smallint	Unique identifier for customer
		return_date	Timestamp without time zone	It is a date –time- (timestamp without time zone)
		staff_id	Smallint	Unique identifier for staff
		last_update	Timestamp without time zone	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	Inventory	Rental.inventory_id=Inventory.Inventory_id
	2	Customer	Rental.customer_id=Customer.customer_id
	3	Staff	Rental.staff_id=Staff.staff_id
Links from	1	payment	Payment.rental_id=Rental.rental_id

Dimension tables

- Store table

1	Store	store_id	Integer	Unique identifier for store
		manager_staff_id	Smallint	Unique identifier for mangaer staff
		address_id	Smallint	Unique identifier for address
		last_update	Timestamp without time zone	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	Staff	Store.Manager_staff_id=Staff.staff_id
	2	Address	Store.Address_id=Address.address_id
Links from	N/A		

- Film actor

2	Film actor	Actor_id	Smallint	Unique identifier for actor
		Film_id	Smallint	Unique identifier for film

		last_update	Timestamp without time zone	Default (now) It is a date –time- (timestamp without time zone)
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Links to and links from

Links to	N/A		
Links from	1	Film_actor	Actor.actor_id=film_actor.actor_id

- **Inventory table**

3	Inventory	inventory_id	Integer	Unique identifier for inventory
		film_id	Smallint	Unique identifier for film
		store_id	Smallint	Unique identifier for store
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	Film	Inventory.film_id=Film.film_id
Links from	1	Rental	Rental.inventory_id=Inventory.inventory_id

- Film category table

4	Film category	film_id	Smallint	Unique identifier for film
		category_id	Smallint	Unique identifier for category
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	Film	Film_category.film_id=Film.film_id
	2	Category	Film_category.category_id=Category.category_id
Links from	N/A		

- Customer table

5	Customer	customer_id	Integer	Unique identifier for customer
		store_id	Smallint	Unique identifier for store
		first_name	Character varying	Limit (45) First name for customer.
		last_name	Character varying	Limit (45) Last name for customer.

		email	Character varying	Limit (45) Email for customer.
		address_id	Smallint	Unique identifier for address
		activebool	boolean	Default (True) True/ false only, Active or not.
		create_date	Date	Created date when customer entered
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)
		active	Integer	Active integer

Links to and links from

Links to	1	address	Customer.address_id=address.address_id
	2	store	Customer.store_id=store.store_id
Links from	1	Rental	Rental.customer_id=customer.customer_id

- **Staff table**

6	staff	staff_id	Integer	Unique identifier for staff
		first_name	Character varying	Limit (45)

				First name for customer.
		last_name	Character varying	Limit (45) Last name for customer.
		address_id	Smillint	Unique identifier for address
		email	Character varying	Limit (50) Email for customer.
		store_id	Smillint	Unique identifier for store.
		active	Boolean	Default (True) True/ false only.
		username	Character varying	Limit (16) User name for staff.
		password	Character varying	Limit (40) Password for staff.
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)
		picture	Bytea	Picture

Links to and links from

Links to	1	address	Staff.Address_id=Address.address_id
Links from	1	Rental	Rental.Staff_id=Staff.staff_id
	2	Store	Store.store_id=staff.store_id

- **Actor table**

7	Actor	actor_id	Integer	Unique identifier for actor.
		first_name	Character varying	Limit (45) first name for actor.
		last_name	Character varying	Limit (16) last name for actor.
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	N/A		
Links from	1	Film_actor	Actor.actor_id=film_actor.actor_id

- **Film table**

8	Film	film_id	Integer	Unique identifier for film.
		title	Character varying	Limit (45) Title for film.
		description	Text	description for film
		release_year	Year	Year film was released
		language_id	Smallint	Unique identifier for language
		rental_duration	Smallint	Duration of rental
		rental_rate	Numeric	(4.2) Time and date when rental was made.
		length	Smallint	Length of film
		replacement_cost	Numeric	Cost of replacing
		rating	Mpaa_rating	Rating of film
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)
		special_features	text	Special features of film.
		fulltext	tsvector	Full text index

Links to and links from

Links to	1	Language	Film.language_id=Language.Language_id
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Links from	1	Film_actor	Film_actor.film_id=Film.film_id
	2	Film_category	Film_category.film_id=Film.film_id

- Language table

9	Language	language_id	Integer	Unique identifier for language
		name	Character	Length (20) Name of language
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	N/A		
Links from	1	Film	Film.language_id=Language.language_id

- Category table

10	Category	category_id	Integer	Unique identifier for category.
		name	Character varying	Limit (25)

				Name of category.
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	N/A		
Links from	1	Film Category	Category.category_id=film_category.category_id

- **Address table**

11	Address	address_id	Integer	Unique identifier for address.
		address	Character varying	Limit (50) Address for costumers.
		address2	Character varying	Limit (50) Second address for costumers.
		district	Character varying	Limit (20) District for costumers.
		city_id	Smallint	Unique identifier for city.

		postal_code	Character varying	Limit (10) Postal code for address.
		phone	Character varying	Limit (20) Phone number of costumer.
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	1	City	Address.City_id=City.city_id
Links from	1	Customer	Customer.Address_id=Address.address_id
	2	Store	Store.Address_id=Address.address_id
	3	Staff	Staff.Address_id=Address.address_id

- City table

12	City	city_id	Integer	Unique identifier for city.
		city	Character varying	Limit (50) Name of city.
		country_id	Smallint	Unique identifier for country.

		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)
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Links to and links from

Links to	1	country	City.country_id=Country.country_id
Links from	1	address	Address.city_id=City.city_id

- **Country table**

13	country	country_id	integer	Unique identifier for country.
		country	Character varying	Limit (50) Name of Country.
		last_update	Timestamp without time zone.	Default (now) It is a date –time- (timestamp without time zone)

Links to and links from

Links to	N/A		
Links from	1	City	City.city_id=Country.city_id