

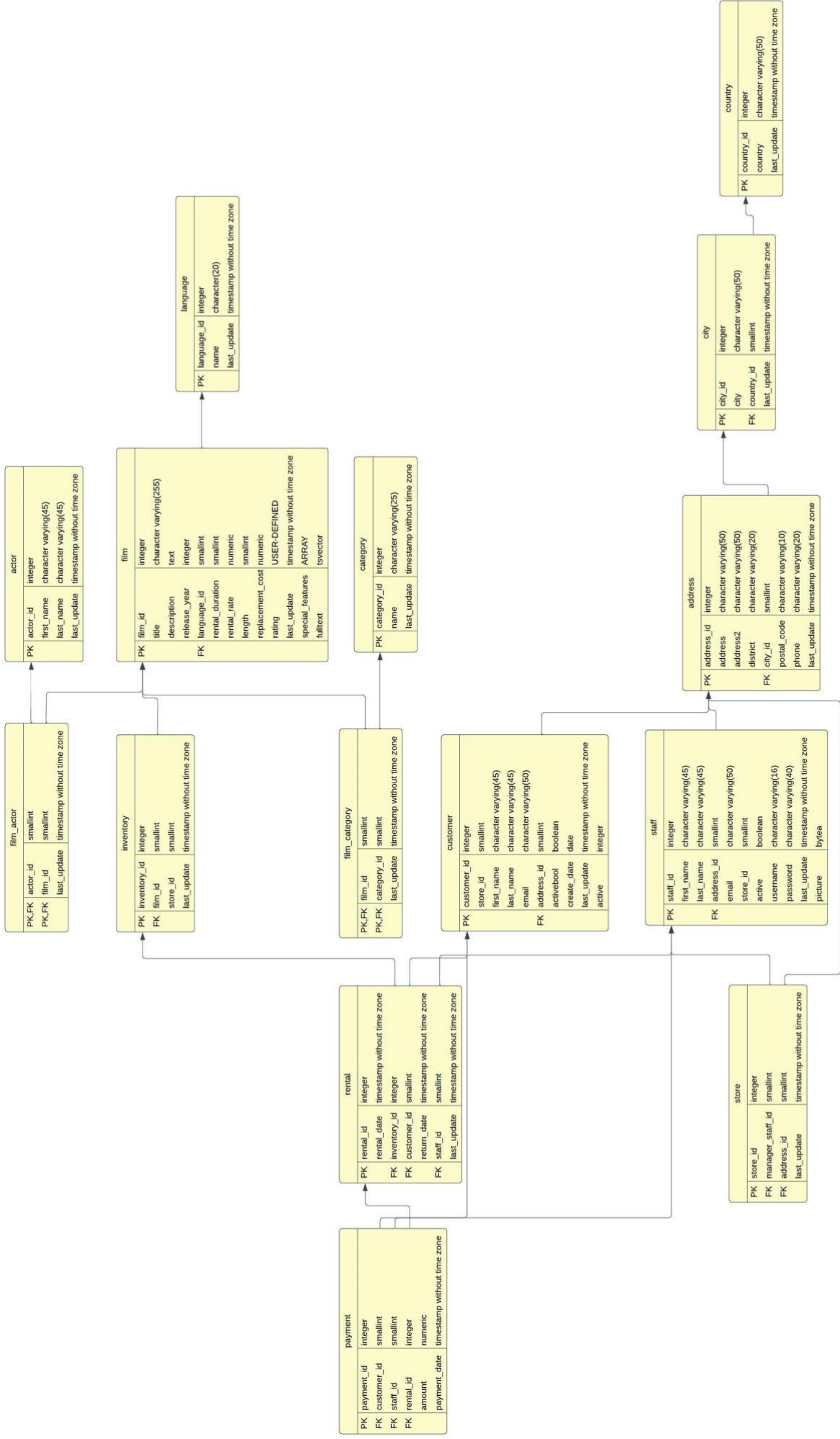
Rockbuster Stealth LLC Data Dictionary

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Entity Relationship Diagram



Fact Tables

PAYMENT TABLE			
Key	Column	Data Types	Description
Primary	payment_id	integer	Unique ID for payment
Foreign	customer_id	smallint	Unique ID for customer
Foreign	staff_id	smallint	Unique ID for staff
Foreign	rental_id	integer	Unique ID for rental
	amount	numeric	Amount value

Payment Table Links To:

Table	Link	
Customer	payment.customer_id=customer.customer_id	
Staff	payment.staff_id=staff.staff_id	
Rental	payment.rental_id=rental.rental_id	

Payment Table Links From: N/A

RENTAL TABLE			
Key	Column	Data Types	Description
Primary	rental_id	integer	Unique ID for rental
	rental_date	timestamp w/o timezone	Rental Date and time w/o time zone
Foreign	inventory_id	integer	Unique ID for inventory
Foreign	customer_id	smallint	Unique ID for customer
	return_date	timestamp w/o timezone	Return date and time w/o timezone
Foreign	staff_id	smallint	Unique ID for staff

Rental Table

Links To:

Table	Link	
Inventory	rental.inventory_id=inventory.inventory_id	
Customer	rental.customer_id=customer.customer_id	
Staff	rental.staff_id=staff.staff_id	

Rental Table Links From:

Table	Link	
Payment	payment.rental_id=rental.rental_id	

Dimension Tables

STORE TABLE			
Key	Column	Data Types	Description
Primary	store_id	integer	Unique ID for store
Foreign	manager_staff_id	smallint	Unique ID for manager staff
Foreign	address_id	smallint	Unique ID for address
	last_update	timestamp w/o time zone	last update and time w/o time zone

Store Table

Links To:

Table	Link	
Staff	store.manager_staff_id=staff.staff_id	
Address	store.address_id=address.address_id	

Payment Table Links From: N/A

STAFF TABLE			
Key	Column	Data Types	Description
Primary	staff_id	integer	Unique ID for staff
	first_name	character varying	First name of the staff
	last_name	character varying	Last name of the staff
Foreign	address_id	smallint	Unique ID for address
	email	character varying	Email of the staff
	store_id	smallint	Unique ID for the store
	active	boolean	Indicates if status is active
	username	character varying	Username of the staff
	password	character varying	Password of the staff
	last_update	timestamp w/o timezone	last update and time w/o time zone
	picture	bytea	Picture of the staff

Staff Table

Links To:

Table	Link	
Address	store.address_id=address.address_id	

Staff Table Links From:

Table	Link	
Store	store.manager_staff_id=staff.staff_id	
Rental	rental.staff_id=staff.staff_id	
Payment	payment.staff_id=staff.staff_id	

ADDRESS TABLE			
Key	Column	Data Types	Description
Primary	address_id	integer	Unique ID for address
	address	character varying	First line of address
	address2	character varying	Second line of address
	district	character varying	The region of the address
Foreign	city_id	smallint	The city of an address
	postal_code	character varying	The postal code of an address
	phone	character varying	The phone number for an address
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Address Table Links To:

Table	Link	
City	address.city_id=city.city_id	

Address Table Links From:

Table	Link	
Staff	staff.address_id=address.address_id	
Store	store.address_id=address.address_id	
Customer	customer.address_id=address.address_id	

CITY TABLE			
Key	Column	Data Types	Description
Primary	city_id	integer	Unique ID for city
	city	character varying	Name of the city
Foreign	country_id	smallint	Unique ID for country
	last_update	timestamp w/o timezone	Last update and time w/o timezone

City Table

Links To:

Table	Link	
Country	city.country_id=country.country_id	

City Table Links From:

Table	Link	
Address	address.city_id=city.city_id	

COUNTRY TABLE			
Key	Column	Data Types	Description
Primary	country_id	integer	Unique ID for country
	country	character varying	name of the country
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Country Table Links To: N/A

Country Table Links From:

Table	Link	
City	city.country_id=country.country_id	

CUSTOMER TABLE			
Key	Column	Data Types	Description
Primary	customer_id	serial	Unique ID for customer
	store_id	smallint	Unique ID for store
	first_name	character varying	First name of customer
	last_name	character varying	Last name of customer
	email	character varying	Email of the customer
Foreign	address_id	smallint	Unique ID for address
	activebool	boolean	Indicates if status is active
	create_date	date	Date customer was created in system
	last_update	timestamp w/o timezone	Last update and time w/o timezone
	active	integer	Number

Customer Table Links To:

Table	Link	
Address	customer.address_id=address.address_id	

Customer Table Links From:

Table	Link	
Rental	rental.customer_id=customer.customer_id	
Payment	payment.customer_id=customer.customer_id	

FILM CATEGORY TABLE			
Key	Column	Data Types	Description
Primary/Foreign	film_id	smallint	Unique ID for film
Primary/Foreign	category_id	smallint	Unique ID for category
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Film Category Table Links To:

Table	Link	
Category	film_category_id=category.category_id	
Film	film_category.film_id=film.film_id	

Film Category Table Links From: N/A

CATEGORY TABLE			
Key	Column	Data Types	Description
PRIMARY	category_id	integer	Unique ID for category
	name	character varying	name of category
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Category Table Links To: N/A

Category Table Links From:

Table	Link	
Film Category	film_category.category_id=category_id	

INVENTORY TABLE			
Key	Column	Data Types	Description
Primary	inventory_id	integer	Unique ID for inventory
Foreign	film_id	smallint	Unique ID for film
	store_id	smallint	Unique ID for store
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Inventory Table Links To:

Table	Link	
Film	film_category.film_id=film.film_id	

Inventory Category Table Links From:

Table	Link	
Rental	rental.inventory_id=inventory.inventory_id	

FILM TABLE			
Key	Column	Data Types	Description
Primary	film_id	integer	Unique ID for film
	title	character varying	Title of film
	description	text	Description of film
	release_year	year	Release year of film
	language_id	smallint	Unique ID for language
Foreign	rental_duration	smallint	The duration of the rental
	rental_rate	Numeric	Rental rate of the film
	length	smallint	Length of the film
	replacement_cost	numeric	replacement cost of the film
	rating	mpaa_rating	The rating of the film
	last_update	timestamp w/o timezone	Last update and time w/o timezone
	special_features	text	Special features of the film
	fulltext	tsvector	The index type, full-text index

Film Table Links To:

Table	Link	
Language	film.language_id=language.language_id	

Film Table Links From:

Table	Link	
Film Category	film_category.film_id=film.film_id	
Inventory	inventory.film_id=film.film_id	
Film Actor	film_actor.film_id=film.film_id	

LANGUAGE TABLE			
Key	Column	Data Types	Description
Primary	language_id	integer	Unique ID for language
	name	character	Name of the language
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Language Table Links To: N/A

Language Table Links From:

Table	Link	
Film	film.language_id=language.language_id	

FILM ACTOR			
Key	Column	Data Types	Description
Primary/Foreign	actor_id	smallint	Unique ID for actor
Primary/Foreign	film_id	smallint	Unique ID for film
	last_update	timestamp w/o timezone	last update and time w/o time zone

Film Actor Table Links To:

Table	Link	
Film	film_actor.film_id=film.film_id	
Actor	film_actor.actor_id=actor.actor_id	

Film Actor Table Links From: N/A

ACTOR TABLE			
Key	Column	Data Types	Description
Primary	actor_id	integer	Unique ID for actor
	first_name	character varying	First name of actor
	last_name	character varying	Last name of actor
	last_update	timestamp w/o timezone	Last update and time w/o timezone

Actor Table Links To: N/A

Actor Table Links From:

Table	Link	
Film Actor	film_actor.actor_id=actor.actor_id	

