

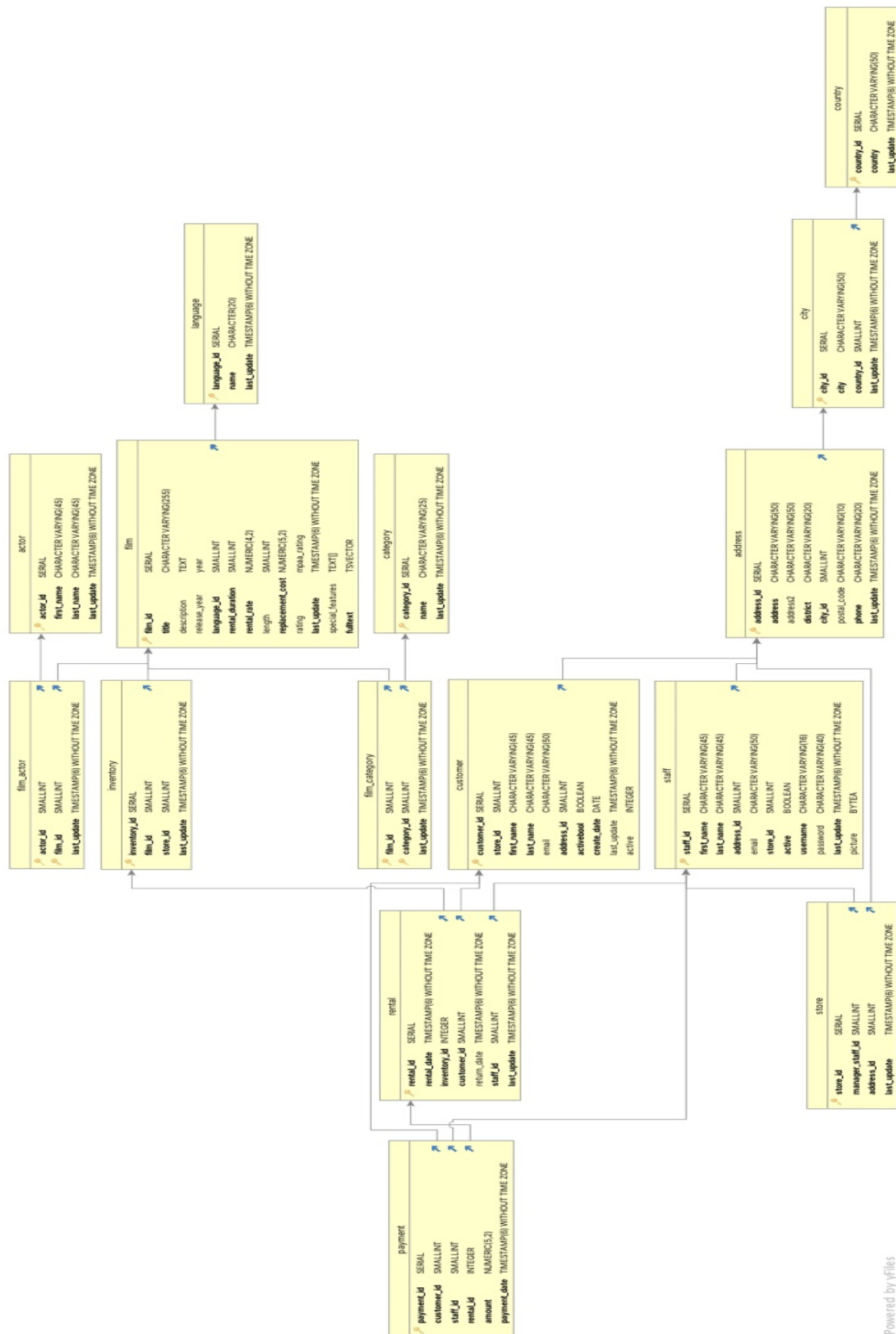
ROCKBUSTER STEALTH LLC

Data Dictionary

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1. Entity Relationship Diagram



Legend







Primary Key



Foreign Key

2. Fact Tables

2.1. Table: Payment

	Columns Name	Data Type	Description
	payment_id	serial	Payment ID
	customer_id	smallint	Customer ID
	staff_id	smallint	Staff ID
	rental_id	integer	Rental ID
	amount	numerics(5,2)	Rental payment
	payment_date	timestamp(6) without time zone	Date of payment





Links to

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

Linked from

N/A

2.2. Table: Rental

	Columns Name	Data Type	Description
	rental_id	serial	Rental ID
	rental_date	timestamp(6) without time zone	Date of rental
	inventory_id	integer	Inventory ID
	customer_id	smallint	Customer ID
	return_date	timestamp(6) without time zone	Return date of the movie
	staff_id	smallint	Staff ID
	last_update	timestamp(6) without time zone	Last update of the table

Links to


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

Linked from

Table	Join
Payment	payment.rental_id = rental.rental_id

3. Dimension Tables

3.1. Table: Actor

Columns Name	Data Type	Description
 actor_id	serial	Actor ID
first_name	character varying(45)	First name of actor
last_name	character varying(45)	Last name of actor
last_update	timestamp(6) without time zone	Last update of the table



Links to

N/A

Linked from

Table	Join
Film Actor	film_actor.actor_id = actor.actor_id

3.2. Table: Film Actor

Columns Name	Data Type	Description
 actor_id	smallint	Actor ID
 film_id	smallint	Film ID
last_update	timestamp(6) without time zone	Last update of the table



Links to

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

Linked from

N/A

3.3. Table: Inventory

	Columns Name	Data Type	Description
	inventory_id	serial	Inventory ID
	film_id	smallint	Film ID
	store_id	smallint	Store ID
	last_update	timestamp(6) without time zone	Last update of the table



Links to

Table	Join
Film	inventory.film_id = film.film_id

Linked from

Table	Join
Rental	rental.inventory_id = inventory.inventory_id

3.4. Table: Film

	Columns Name	Data Type	Description
	film_id	serial	Film ID
	title	character varying(255)	Movie title
	description	text	Movie description
	release_year	year	Release year of the movie
	language_id	smallint	Language ID
	rental_duration	smallint	Duration of rental
	rental_rate	numeric(4,2)	Rental cost
	length	smallint	Length of movie
	replacement_cost	numeric(5,2)	Replacement cost for the movie
	rating	mpaa_rating	Movie rating
	last_update	timestamp(6) without time zone	Last update of the table
	special_features	text[]	Special features of the movie
	fulltext	tsvector	Movie index


Links to

Table	Join
Language	film.language_id = language.language_id

Linked from

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

3.5. Table: Language

	Columns Name	Data Type	Description
	language_id	serial	Language ID
	name	character(20)	Language
	last_update	timestamp(6) without time zone	Last update of the table



Links to

N/A

Linked from

Table	Join
Film	film.language_id = language.language_id

3.6. Table: Film Category

	Columns Name	Data Type	Description
	film_id	smallint	Film ID
	category_id	smallint	Category ID
	last_update	timestamp(6) without time zone	Last update of the table


Links to

Table	Join
Film	film_category.film_id = film.film_id
Category	film_category.category_id = category.category_id

Linked from

N/A

3.7. Table: Category

	Columns Name	Data Type	Description
	category_id	serial	Category ID
	name	character varying(25)	Name of category
	last_update	timestamp(6) without time zone	Last update of the table




Links to

N/A

Linked from

Table	Join
Film Category	film_category.category_id = category.category_id

3.8. Table: Staff

	Columns Name	Data Type	Description
	staff_id	serial	Staff ID
	first_name	character varying(45)	First name of staff
	last_name	character varying(45)	Last name of staff
	address_id	smallint	Address ID
	email	character varying(50)	Email of staff
	store_id	smallint	Store ID
	active	boolean	Active status (True/False)
	username	character varying(16)	Staff username
	password	character varying(40)	Staff password
	last_update	timestamp(6) without time zone	Last update of the table
	picture	bytea	Photo of staff




Links to

Table	Join
Address	staff.address_id = address.address_id

Linked from

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

3.9. Table: Store

	Columns Name	Data Type	Description
	store_id	serial	Store ID
	manager_staff_id	smallint	Manager ID
	address_id	smallint	Address ID
	last_update	timestamp(6) without time zone	Active status (True/False)




Links to

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

Linked from

N/A

3.10. Table: Customer

	Columns Name	Data Type	Description
	customer_id	serial	Customer ID
	store_id	smallint	Store ID
	first_name	character varying(45)	First name of customer
	last_name	character varying(45)	Last name of customer
	email	character varying(50)	Email of customer
	address_id	smallint	Address ID
	activebool	boolean	Active status (True/False)
	create_date	date	Date record first created
	last_update	timestamp(6) without time zone	Last update of the table
	active	integer	Active Status (1/0)



Links to

Table	Join
Address	customer.address_id = address.address_id

Linked from

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

3.11. Table: Address

Columns Name	Data Type	Description
 address_id	serial	Address ID
address	character varying(50)	Address line 1
address2	character varying(50)	Address line 2
district	character varying(20)	District
 city_id	smallint	City ID
postal_code	character varying(10)	Postal code
phone	character varying(20)	Phone number
last_update	timestamp(6) without time zone	Last update of the table



Links to

Table	Join
City	address.city_id = city.city_id

Linked from

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

3.12. Table: City

	Columns Name	Data Type	Description
	city_id	serial	City ID
	city	character varying(50)	City name
	country_id	smallint	Country ID
	last_update	timestamp(6) without time zone	Last update of the table


Links to

Table	Join
Country	city.country_id = country.country_id

Linked from

Table	Join
Address	address.city_id = city.city_id

3.13. Table: Country

	Columns Name	Data Type	Description
	country_id	serial	Country ID
	country	character varying(50)	Name of country
	last_update	timestamp(6) without time zone	Last update of the table

Links to

N/A

Linked from

Table	Join
City	city.country_id = country.country_id