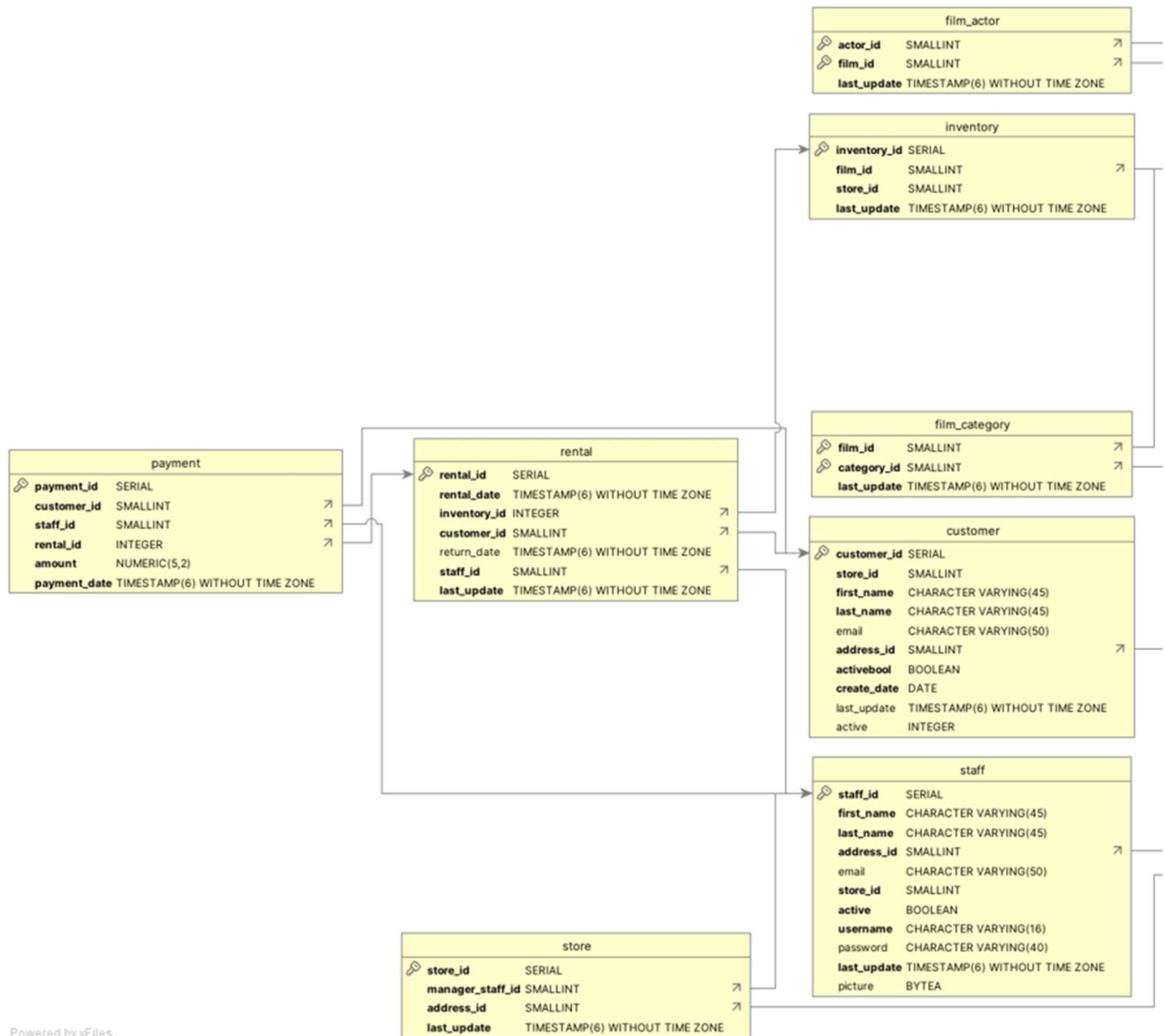


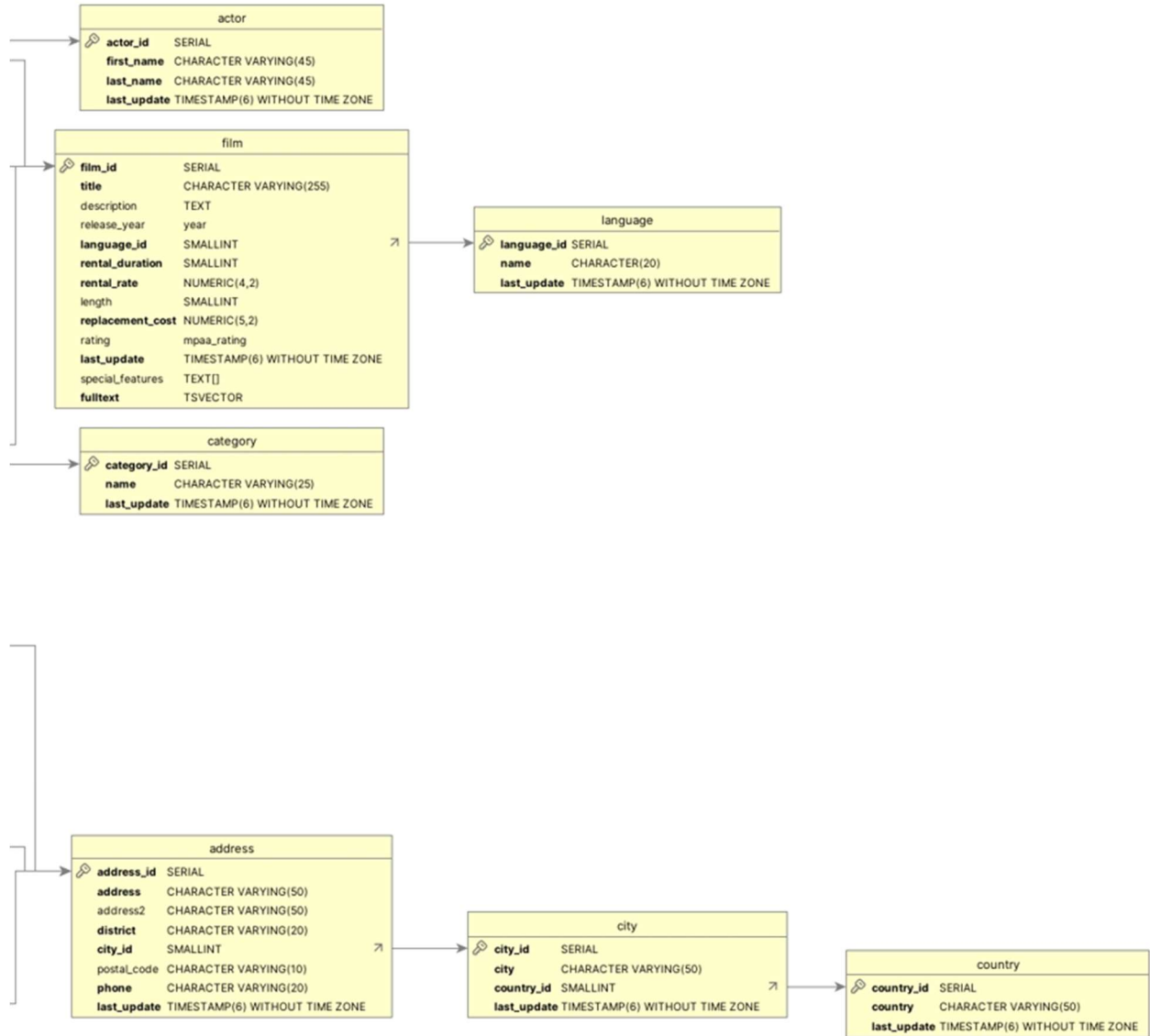
Rockbuster

Data Dictionary

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Payment			
Key	Columns	Data Type	Description
Primary Key	payment_id	SERIAL	unique transaction identifier #
Foreign Key	customer_id	SMALLINT	unique customer identifier # to film_category table
Foreign Key	staff_id	SMALLINT	unique staff identifier # to staff table
Foreign Key	rental_id	INTEGER	unique rental item identifier # to rental table
	amount	NUMERIC (5,2)	cost of rental (###)
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of rental transaction

Rental			
Key	Columns	Data Type	Description
Primary Key	rental_id	SERIAL	unique rental number (surrogate key) to correspond to rows in payment table
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of rental transaction
Foreign Key	inventory_id	INTEGER	unique inventory item identifier # to inventory table
Foreign Key	customer_id	SMALLINT	unique customer identifier # to customer table
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of rental return
Foreign Key	staff_id	SMALLINT	unique staff identifier # to staff table
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Store			
Key	Columns	Data Type	Description
Primary Key	store_id	SERIAL	unique store number (surrogate key) to correspond to rows in payment table
Foreign Key	manager_staff_id	SMALLINT	unique manager identifier # to staff table
Foreign Key	address_id	SMALLINT	unique address identifier # to address table
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Film_Actor			
Key	Columns	Data Type	Description
Primary Key/Foreign Key	actor_id	SMALLINT	unique actor identifier # to actor table
Primary Key/Foreign Key	film_id	SMALLINT	unique film identifier # to inventory, film, and film_category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Inventory			
Key	Columns	Data Type	Description
Primary Key	inventory_id	SERIAL	unique inventory number (surrogate key) to correspond to rows in rental table
Foreign Key	film_id	SMALLINT	unique film identifier # to film and film_category table
	store_id	SMALLINT	unique store identifier #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Film_Category			
Key	Columns	Data Type	Description
Primary Key/Foreign Key	film_id	SMALLINT	unique film number (surrogate key) to correspond to rows in film table
Primary Key/Foreign Key	category_id	SMALLINT	unique category identifier # to category table
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Customer			
Key	Columns	Data Type	Description
Primary Key	customer_id	SERIAL	unique customer number (surrogate key) to correspond to rows in rental table
	store_id	SMALLINT	unique store identifier #
	first_name	CHARACTER VARYING(45)	written first name
	last_name	CHARACTER VARYING(45)	written last name
	email	CHARACTER VARYING(50)	written e-mail address
Foreign Key	address_id	SMALLINT	unique address identifier # to correspond to address table
	activebool	BOOLEAN	"true" or "false" (though didn't see any falses) on active account?
	create_date	DATE	date information was input
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update
	active	INTEGER	integer of "1" or "0"

Staff			
Key	Columns	Data Type	Description
Primary Key	staff_id	SERIAL	unique staff number (surrogate key) to correspond to rows in payment table
	first_name	CHARACTER VARYING(45)	written first name
	last_name	CHARACTER VARYING(45)	written last name
Foreign Key	address_id	SMALLINT	unique address identifier # to correspond to address table
	email	CHARACTER VARYING(50)	written e-mail address
	store_id	SMALLINT	unique store identifier #
	active	BOOLEAN	"true" or "false" (though didn't see any falses) on active account?
	username	CHARACTER VARYING(16)	written username (first name)
	password	CHARACTER VARYING(40)	written password
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update
	picture	BYTEA	binary data or null

Actor			
Key	Columns	Data Type	Description
Primary Key	actor_id	SERIAL	unique actor number (surrogate key) to correspond to rows in film_actor table
	first_name	CHARACTER VARYING(45)	written first name
	last_name	CHARACTER VARYING(45)	written last name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Film			
Key	Columns	Data Type	Description
Primary Key	film_id	SERIAL	unique film number (surrogate key) to correspond to rows in inventory table
	title	CHARACTER VARYING(255)	written title of film
	description	TEXT	written brief description of film
	release_year	year	year released, #####
Foreign Key	language_id	SMALLINT	language of movie as indicated by "1" to language table
	rental_duration	SMALLINT	rental duration in days
	rental_rate	NUMERIC(4,2)	cost of rental per day #.##
	length	SMALLINT	length of movie in minutes
	replacement_cost	NUMERIC(5,2)	cost of replacement rental item ##.##
	rating	mpaa_rating	movie age rating from G to NC-17
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update (?)
	special_features	TEXT[]	what special features are included with the film
	fulltext	TSVECTOR	topic tags for themes/parts of the movie

Category			
Key	Columns	Data Type	Description
Primary Key	category_id	SERIAL	unique category number (surrogate key) to correspond to rows in film_category table
	name	CHARACTER VARYING(25)	genre of movie
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Address			
Key	Columns	Data Type	Description
Primary Key	address_id	SERIAL	unique address number (surrogate key) to correspond to rows in store and staff tables
	address	CHARACTER VARYING(50)	street address
	address2	CHARACTER VARYING(50)	second street address if available
	district	CHARACTER VARYING(20)	district or state
Foreign Key	city_id	SMALLINT	unique city identifier # to city table
	postal_code	CHARACTER VARYING(10)	postal code
	phone	CHARACTER VARYING(20)	phone number
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Language			
Key	Columns	Data Type	Description
Primary Key	language_id	SERIAL	unique language number (surrogate key) to correspond to rows in film table
	name	CHARACTER(20)	language used in the movie
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

City			
Key	Columns	Data Type	Description
Primary Key	city_id	SERIAL	unique city number (surrogate key) to correspond to rows in address table
	city	CHARACTER VARYING(50)	name of city
Foreign Key	country_id	SMALLINT	unique country identifier # to country table
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update

Country			
Key	Columns	Data Type	Description
Primary Key	country_id	SERIAL	unique country number (surrogate key) to correspond to rows in city table
	country	CHARACTER VARYING(50)	name of country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	time and date of system update