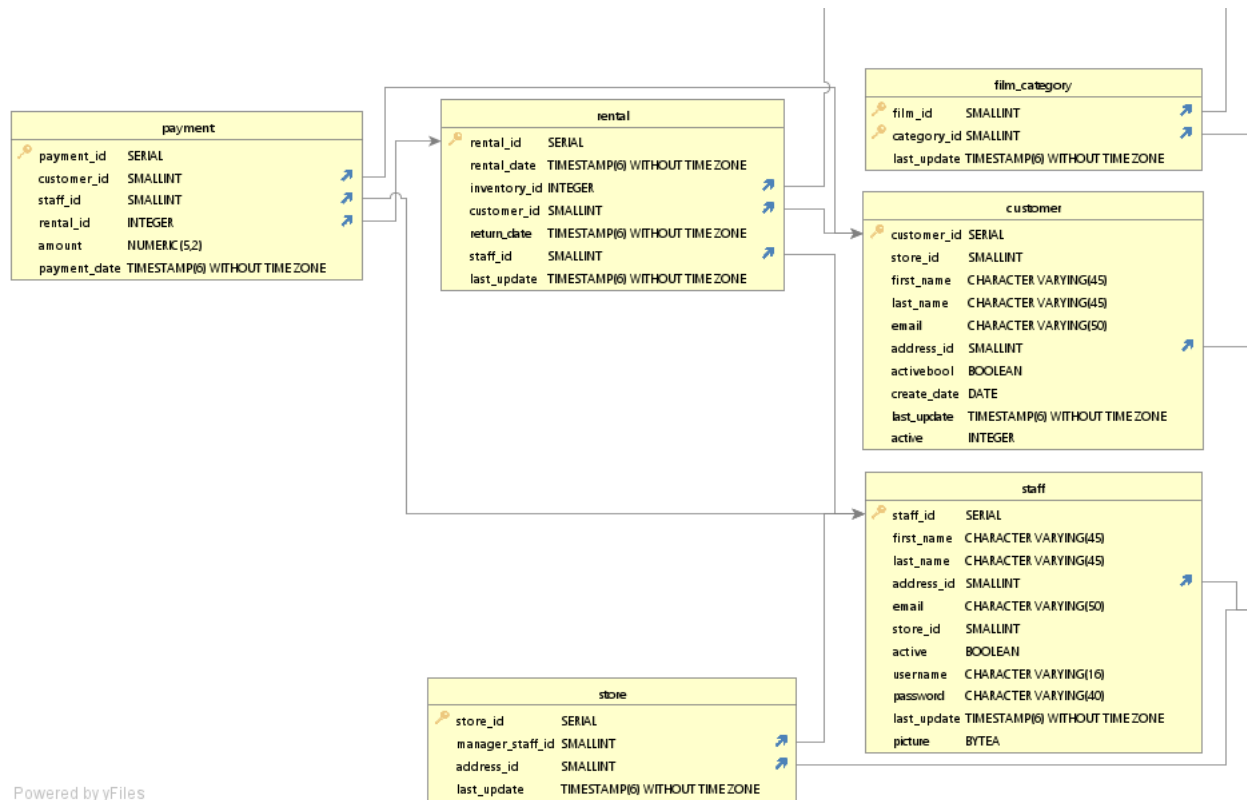


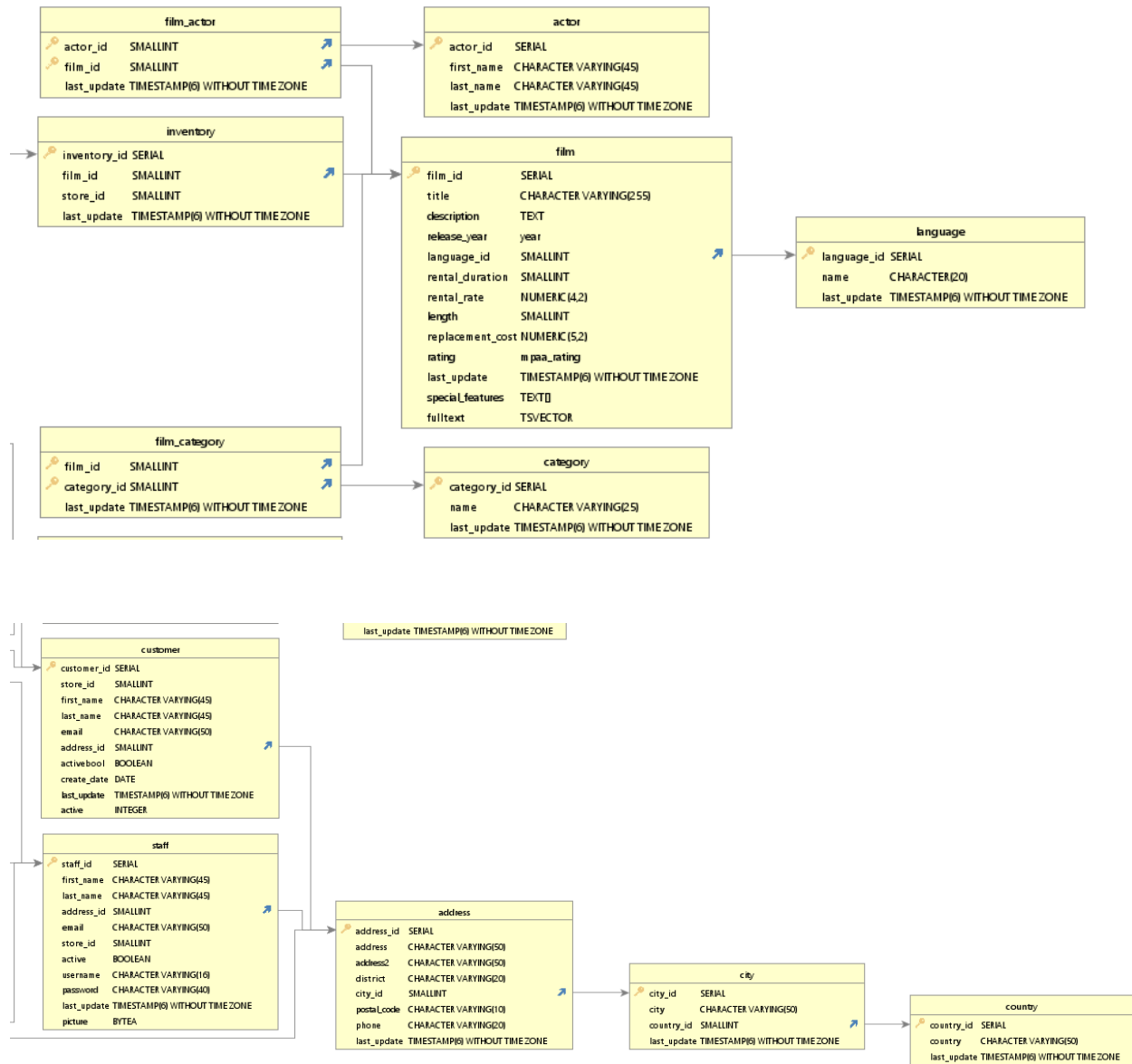
Rockbuster Data Dictionary

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Entity Relationship Diagram











Symbol	Meaning
	Primary Key
	Foreign Key




Key	Table: payment	Type: Event	
	Columns	Data Type	Description
	payment_id	SERIAL	Unique identifier of payment
	customer_id	SMALLINT	Unique customer #
	staff_id	SMALLINT	Uniquer staff #
	rental_id	INTEGER	Unique rental #
	amount	NUMERIC(5,2)	Payment amount
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	When payment processed



Key	Table: rental	Type: Event	
	Columns	Data Type	Description
	rental_id	SERIAL	Unique rental #
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	When rental occurred
	customer_id	SMALLINT	Uniquer customer #
	renturn_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date when rental will be returned
	staff_id	SMALLINT	Unique staff #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Last update on event


Key	Table: film_actor	Type: Dimension	
	Columns	Data Type	Description
	actor_id	SMALLINT	Unique actor #
	film_id	SMALLINT	Unique film #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed


Key	Table: inventory	Type: Dimension	
	Columns	Data Type	Description
	film_id	SMALLINT	Unique film #
	store_id	SMALLINT	Unique store #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed


Key	Table: film_category	Type: Dimension	
	Columns	Data Type	Description
	film_id	SMALLINT	Unique film #
	category_id	SMALLINT	Unique category #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed



Key	Table: customer	Type: Dimension	
	Columns	Data Type	Description
	customer_id	SERIAL	Unique film #
	store_id	SMALLINT	Unique category #
	first_name	CHARACTERVARYING(45)	First name of customer
	last_name	CHARACTERVARYING(45)	Last name of customer
	email	CHARACTERVARYING(50)	Email address
	address_id	SMALLINT	Address #
	activebool	BOOLEAN	Are they active T/F
	create_date	DATE	Profile creation
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed
	active	INTEGER	Unsure


Key	Table: staff	Type: Dimension	
	Columns	Data Type	Description
	staff_id	SERIAL	Unique staff #
	first_name	CHARACTERVARYING(45)	First name of staff
	last_name	CHARACTERVARYING(45)	Last name of staff
	email	CHARACTERVARYING(50)	Email address
	store_id	SMALLINT	Unique store #
	active	BOOLEAN	Are they an active employee T/F
	username	CHARACTERVARYING(16)	Profile creation
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed
	picture	BYTEA	Staff photo



Key	Table: actor	Type: Dimension	
	Columns	Data Type	Description
	actor_id	SERIAL	Unique staff #
	first_name	CHARACTERVARYING(45)	First name of actor
	last_name	CHARACTERVARYING(45)	Last name of actor
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed


Key	Table: film	Type: Dimension	
	Columns	Data Type	Description
	film_id	SERIAL	Unique film#
	title	CHARACTERVARYING(255)	Name of film
	description	TEXT	Plot and genre information
	release_year	year	Year of film release
	language_id	SMALLINT	Language identifying #
	rental_duration	SMALLINT	Days of rental
	rental_rate	NUMERIC(4,2)	Cost of rental
	length	SMALLINT	Duration of movie
	replacement_cost	NUMERIC(4,2)	Cost to replace the physical copy
	rating	M paa_rating	Parental advisory rating
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed
	special_features	TEXT0	Extra content on the film
	fulltext	TSVECTOR	Keywords and search terms for the film

Key	Table: category	Type: Dimension	
	Columns	Data Type	Description
	category_id	SERIAL	Film category #
	name	CHARACTERVARYING(25)	Name of category/genre
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed

Key	Table: address	Type: Dimension	
	Columns	Data Type	Description
	address_id	SERIAL	Unique identifying # for address
	address	CHARACTERVARYING(50)	First address line
	address2	CHARACTERVARYING(50)	Second address line
	district	CHARACTERVARYING(20)	Address district/county
	city_id	SMALLINT	City
	postal_code	CHARACTERVARYING(10)	Zip Code
	phone	CHARACTERVARYING(20)	Phone number
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed

Key	Table: language	Type: Dimension	
	Columns	Data Type	Description
	language_id	SERIAL	Unique language #
	name	CHARACTER(20)	Name of language
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed

Key	Table: city	Type: Dimension	
	Columns	Data Type	Description
	city_id	SERIAL	Unique language #
	city	CHARACTERVARYI NG(50)	Name of city
	country_id	SMALLINT	Unique country #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed

Key	Table: country	Type: Dimension	
	Columns	Data Type	Description
	country	SERIAL	Country
	country_id	SMALLINT	Unique country #
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	When dimension was last changed