

DATA DICTIONARY

ROCKBUSTER STEALTH

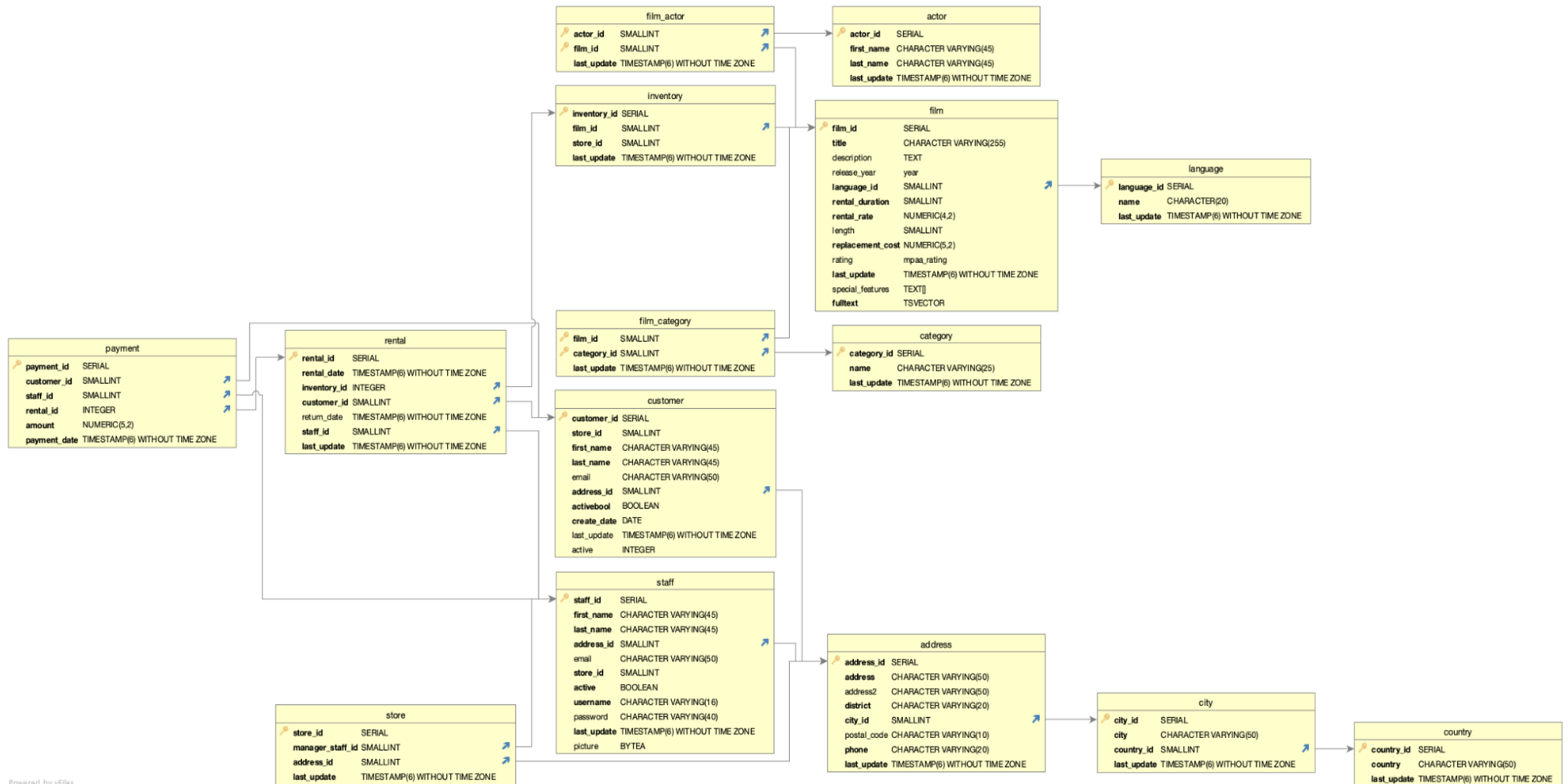


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ERD - Entity Relationship Diagram







Legend

	Primary Key
	Foreign Key



Fact Table - rental

Key	Columns	Data Type	Description	Links With
	rental_id	SERIAL	The unique ID assigned to each film	payment
	rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date rental was purchased	
	inventory_id	INTEGER	The ID assigned for record keeping	inventory
	customer_id	SMALLINT	Unique ID assigned to each customer rental	customer
	return_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date and time rental was returned	
	staff_id	SMALLINT	The ID assigned to each staff	staff
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date and time of last update	



Dimension Table - **payment**

Key	Columns	Data Type	Description	Links With
	payment_id	SERIAL	ID assigned to each payment	
	customer_id	SMALLINT	ID assigned to each customer payment	customer
	staff_id	SMALLINT	ID assigned to staff responsible for payment	staff
	rental_id	INTEGER	The unique ID assigned to each film	rental
	amount	NUMERIC(5,2)	The amount of the payment	
	payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date and time of payment	




Dimension Table - **customer**

Key	Columns	Data Type	Description	Links With
	customer_id	SERIAL	Unique ID of each customer	rental payment
	store_id	SMALLINT	Unique ID of each store	
	first_name	CHARACTER VARYING(45)	First name of customer	
	last_name	CHARACTER VARYING(45)	Last name of customer	
	email	CHARACTER VARYING(50)	Email address of customer	
	address_id	SMALLINT	Postal address of customer	address
	activebool	BOOLEAN	Status of whether customer is active or not	
	create_date	DATE	Date of when customer account created	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	
	active	INTEGER	Status of customer	



Dimension Table - **staff**

Key	Columns	Data Type	Description	Links With
	staff_id	SERIAL	Unique ID of each staff	payment rental store
	first_name	CHARACTER VARYING(45)	First name of staff	
	last_name	CHARACTER VARYING(45)	Last name of staff	
	address_id	SMALLINT	Postal address of staff	address
	email	CHARACTER VARYING(50)	Email address of staff	
	store_id	SMALLINT	Unique ID of each store	
	active	INTEGER	Status of staff active or not	
	username	CHARACTER VARYING(16)	Username of staff	
	password	CHARACTER VARYING(40)	Password of staff	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	
	picture	BYTEA	Picture of staff member	



Dimension Table - **store**

Key	Columns	Data Type	Description	Links With
	store_id	SERIAL	Unique ID of each store	
	manager_staff_id	SMALLINT	ID of staff manger	staff
	address_id	SMALLINT	Postal address of store	address
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	


Dimension Table - **address**

Key	Columns	Data Type	Description	Links With
	address_id	SERIAL	Postal address of the store	customer staff store
	address	CHARACTER VARYING(50)	Postal address of the store	
	address2	CHARACTER VARYING(50)	Postal address of the store	
	district	CHARACTER VARYING(20)	District of the store	
	city_id	SMALLINT	City	city
	postal_code	CHARACTER VARYING(10)	Postal code	
	phone	CHARACTER VARYING(20)	Phone number	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	



Dimension Table - **city**

Key	Columns	Data Type	Description	Links With
	city_id	SERIAL	City	address
	city	CHARACTER VARYING(50)	City	
	country_id	SMALLINT	Country	country
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	


Dimension Table - **country**

Key	Columns	Data Type	Description	Links With
	country	SERIAL	Country	city
	country_id	CHARACTER VARYING(50)	Country	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	



Dimension Table - **film category**

Key	Columns	Data Type	Description	Links With
	film_id	SMALLINT	Unique ID assigned to film	film
	category_id	SMALLINT	ID assigned to each category	category
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	



Dimension Table - **category**

Key	Columns	Data Type	Description	Links With
	category_id	SERIAL	ID assigned to each category of film	film_category
	name	CHARACTER VARYING(25)	Name of category	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	


Dimension Table - **inventory**

Key	Columns	Data Type	Description	Links With
	inventory_id	SERIAL	ID assigned for record keeping	rental
	film_id	SMALLINT	Unique ID assigned to each film	film
	store_id	SMALLINT	Unique ID of each store	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	



Dimension Table - **film**

Key	Columns	Data Type	Description	Links With
	film_id	SERIAL	Unique ID assigned to each film	film_actor inventory film_category
	title	CHARACTER VARYING(255)	Title of film	
	description	TEXT	Description of film / summary of film	
	release_year	year	Year the film was released	
	language_id	SMALLINT	ID of each language available	language
	rental_duration	SMALLINT	Length of time for which film is rented	
	rental_rate	NUMERICAL(4,2)	Price of film rental	
	length	SMALLINT	Duration Of film	
	replacement_cost	NUMERICAL(4,2)	Replacement cost of film	
	rating	mpaa_rating	Film rating	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	
	special_features	TEXT]	If there are any special features available	
	fulltext	TSVECTOR	Key words	


Dimension Table - **language**

Key	Columns	Data Type	Description	Links With
	language_id	SERIAL	ID of each language	film
	name	CHARACTER(20)	Name of language	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	

Dimension Table - **film actor**

Key	Columns	Data Type	Description	Links With
	actor_id	SMALLINT	Unique ID of each actor	actor
	film_id	SMALLINT	Unique ID assigned to each film	film
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	

Dimension Table - **actor**

Key	Columns	Data Type	Description	Links With
	actor_id	SERIAL	Unique ID of each actor	film_actor
	first_name	CHARACTER VARYING(45)	First name of actor	
	last_name	CHARACTER VARYING(45)	Last name of actor	
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Time and date of last update	