

**ROCKBUSTER STEALTH LLC**

**DATA DICTIONARY**

Author: Lisa Matzner

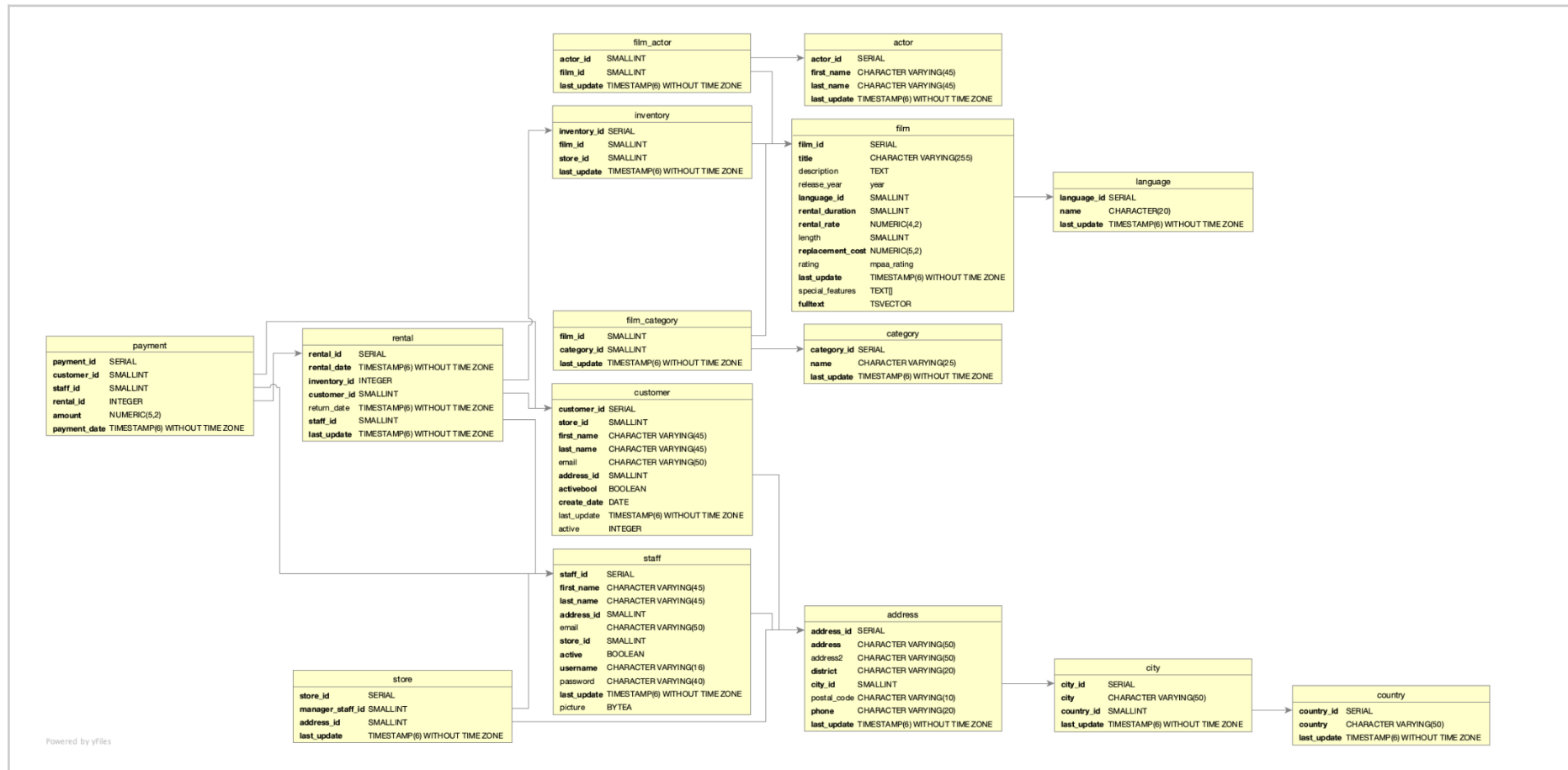
## TABLE OF CONTENTS

---

<b>ROCKBUSTER STEALTH LLC</b>	<b>1</b>
ENTITY RELATIONSHIP DIAGRAM (ERD)	3
LEGEND	4
FACT TABLES	5
rental	5
payment	5
DIMENSION TABLES	7
inventory	7
film	7
film_category	8
category	9
language	9
film_actor	9
actor	10
customer	10
staff	11
store	12
address	12
city	13
country	13

---





## ENTITY RELATIONSHIP DIAGRAM (ERD)







## LEGEND

	Primary Key
	Foreign Key




## FACT TABLES



rental				
Keys	Columns	Data Type	Description	Links to Table
	rental_id	SERIAL	Unique id assigned to each rental process.	<a href="#">payment</a>
	rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of when inventory was rented out	
	inventory_id	INTEGER	Unique id assigned for inventory records.	<a href="#">inventory</a>
	customer_id	SMALLINT	Unique id for customer who rented inventory.	<a href="#">customer</a>
	return_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of when inventory was returned.	
	staff_id	SMALLINT	Unique id assigned to each staff member.	<a href="#">staff</a>
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

payment				
Keys	Columns	Data Type	Description	Links to Table
	payment_id	SERIAL	Unique id assigned to transaction for record-keeping.	
	customer_id	SMALLINT	Unique id for customer who rented inventory.	<a href="#">customer</a>
	staff_id	SMALLINT	Unique id assigned to each staff member.	<a href="#">staff</a>



	rental_id	INTEGER	Unique id assigned to each rental process.	<a href="#">rental</a>
	amount	NUMERIC(5,2)	Amount paid by customer with maximal 5 digits and 2 decimal places. (currency)	
	payment_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of payment.	

## DIMENSION TABLES

inventory				
Keys	Columns	Data Type	Description	Links to Table
	inventory_id	SERIAL	Unique id assigned for inventory records.	<a href="#">rental</a>
	film_id	SMALLINT	Unique id assigned to each film.	<a href="#">film</a>
	store_id	SMALLINT	Unique id assigned to each store.	<a href="#">store</a>
	last_updated	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

film				
Keys	Columns	Data Type	Description	Links to Table
	film_id	SERIAL	Unique id assigned to each film.	<a href="#">film_actor</a> , <a href="#">film_category</a> , <a href="#">inventory</a>
	title	CHARACTER VARYING(255)	Film name with character limit of 255.	
	description	TEXT	Film description.	
	release_date	year	Year the film was released.	
	language_id	SMALLINT	Unique id assigned to language.	<a href="#">language</a>


	rental_duration	SMALLINT	Length of time (in days) the film was rented out.	
	rental_rate	NUMERIC(4,2)	Cost of renting the film with maximal 4 digits and 2 decimal places. (currency)	
	length	SMALLINT	Film duration in whole minutes.	
	replacement_cost	NUMERIC(5,2)	Cost of replacing the film when lost or damaged with maximal 5 digits and 2 decimal places. (currency)	
	rating	mpaa_rating	Film rating by Motion Picture Association.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	
	special_features	TEXT []	Special features of the film. Feature is listed in "{}".	
	fulltext	TSVECTOR	Optimized generated text value used for full text search.	

film_category				
Keys	Columns	Data Type	Description	Links to Table
	film_id	SMALLINT	Unique id assigned for inventory records.	<a href="#">film</a>
	category_id	SMALLINT	Unique id assigned to film categories.	<a href="#">category</a>




	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	
--	-------------	---------------------------------	--------------------------------------	--


### category


Keys	Columns	Data Type	Description	Links to Table
	category_id	SERIAL	Unique id assigned to film categories.	<a href="#">film_category</a>
	name	CHARACTER VARYING(25)	Category name with character limit of 25.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### language


Keys	Columns	Data Type	Description	Links to Table
	language_id	SERIAL	Unique id assigned to language.	<a href="#">film</a>
	name	CHARACTER VARYING(20)	Language name with character limit of 20.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### film\_actor



Keys	Columns	Data Type	Description	Links to Table
	actor_id	SMALLINT	Unique id assigned to actor.	<a href="#">actor</a>


	film_id	SMALLINT	Unique id assigned to each film.	<a href="#">film</a>
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	




### actor

Keys	Columns	Data Type	Description	Links to Table
	actor_id	SERIAL	Unique id assigned to actor.	<a href="#">film_actor</a>
	first_name	CHARACTER VARYING(45)	First name of actor with character limit of 45.	
	last_name	CHARACTER VARYING(45)	Last name of actor with character limit of 45.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### customer



Keys	Columns	Data Type	Description	Links to Table
	customer_id	SERIAL	Unique id for customer who rented inventory.	<a href="#">payment</a> , <a href="#">rental</a>
	store_id	SMALLINT	Unique id assigned to each store.	<a href="#">store</a>
	first_name	CHARACTER VARYING(45)	First name of customer with character limit of 45.	
	last_name	CHARACTER VARYING(45)	Last name of customer with character limit of 45.	
	email	CHARACTER VARYING(50)	Email address of customer with character limit of 50.	

	address_id	SMALLINT	Unique id assigned to address.	<a href="#">address</a>
	activebool	BOOLEAN	Customer active state as true or false.	
	create_date	DATE	Creation date.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	
	active	INTEGER	Customer active state as 1 (active) or 0 (inactive).	


staff				
Keys	Columns	Data Type	Description	Links to Table
	staff_id	SERIAL	Unique id assigned to each staff member.	<a href="#">payment</a> , <a href="#">rental</a>
	first_name	CHARACTER VARYING(45)	First name of staff member with character limit of 45.	
	last_name	CHARACTER VARYING(45)	Last name of staff member with character limit of 45.	
	address_id	SMALLINT	Unique id assigned to address.	<a href="#">address</a>
	email	CHARACTER VARYING(50)	Email of staff member with character limit of 50.	
	store_id	SMALLINT	Unique id assigned to each store.	<a href="#">store</a>
	active	BOOLEAN	Staff member active state as true or false.	
	username	CHARACTER VARYING(16)	Username of staff member with character limit of 16.	
	password	CHARACTER VARYING(40)	Password of staff member with character limit of 40.	


	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	
	picture	BYTEA	Picture of the staff member in binary data.	

### store



Keys	Columns	Data Type	Description	Links to Table
	store_id	SERIAL	Unique id assigned to each store.	<a href="#">customer</a> , <a href="#">inventory</a> , <a href="#">staff</a>
	manager_staff_id	SMALLINT	Unique id assigned to staff member in managerial position.	
	address_id	SMALLINT	Unique id assigned to address.	<a href="#">address</a>
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### address


Keys	Columns	Data Type	Description	Links to Table
	address_id	SERIAL	Unique id assigned to address.	<a href="#">customer</a> , <a href="#">staff</a> , <a href="#">store</a>
	address	CHARACTER VARYING(50)	First address line for street name, street number with character limit of 50.	
	address2	CHARACTER VARYING(50)	Second address line with character limit of 50.	
	district	CHARACTER VARYING(20)	Name of district with character limit of 20.	

	city_id	SMALLINT	Unique id assigned to city.	<a href="#">city</a>
	postal_code	CHARACTER VARYING(10)	Postal code with character limit of 10.	
	phone	CHARACTER VARYING(20)	Phone number with character limit of 20.	
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### city

Keys	Columns	Data Type	Description	Links to Table
	city_id	SERIAL	Unique id assigned to city.	<a href="#">address</a>
	city	CHARACTER VARYING(50)	City name with character limit of 50.	
	country_id	SMALLINT	Unique id assigned to country.	<a href="#">country</a>
	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	

### country

Keys	Columns	Data Type	Description	Links to Table
	country_id	SERIAL	Unique id assigned to country.	<a href="#">city</a>
	country	CHARACTER VARYING(50)	Country name with character limit of 50.	

	last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time of last status update.	
--	-------------	---------------------------------	--------------------------------------	--