

Rockbuster Stealth

Data Dictionary

by Pasquale J. Baccari

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Legend



PRIMARY KEY



FOREIGN KEY

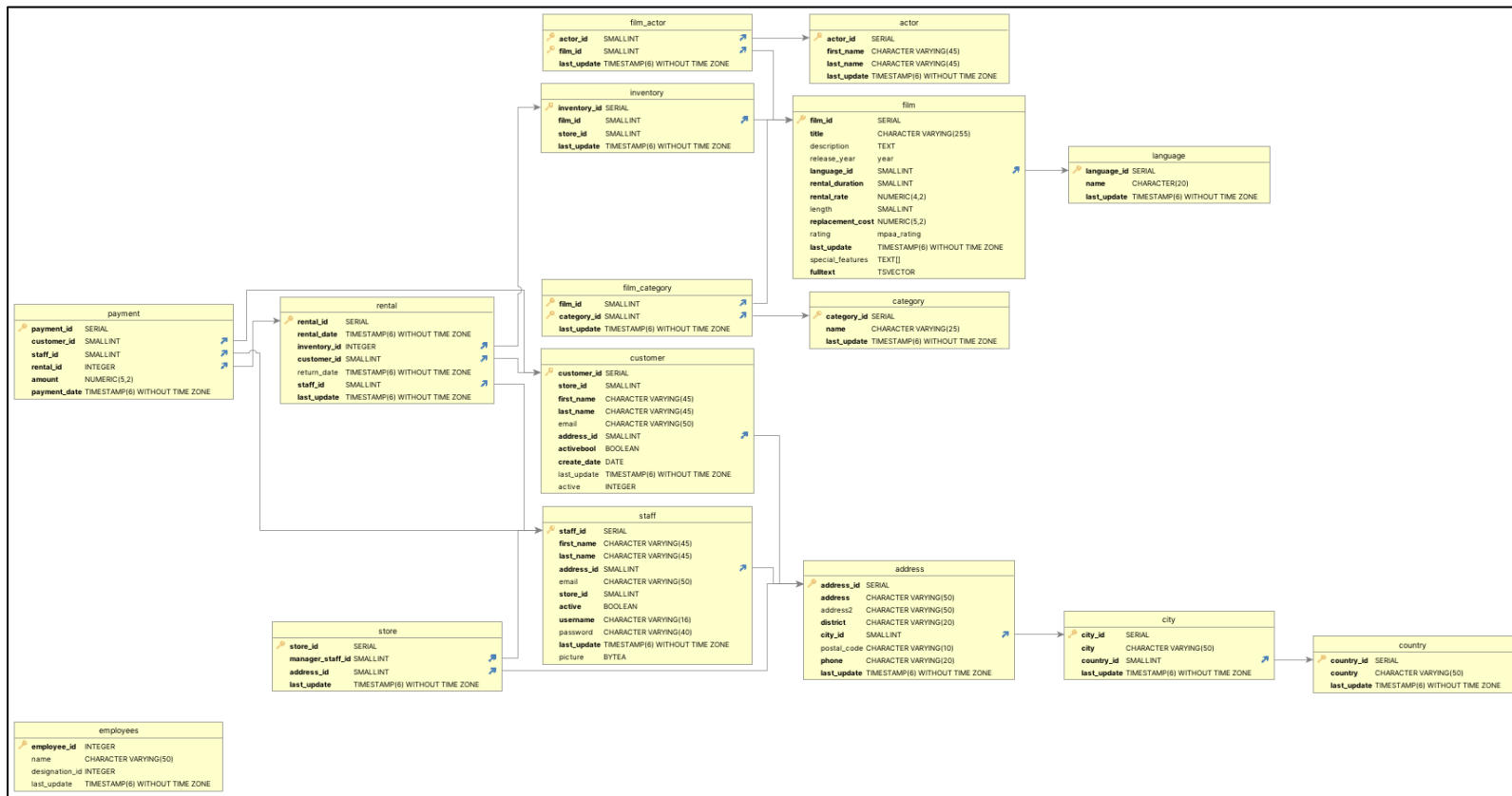
1. Rockbuster Stealth

The Rockbuster Stealth database contains information on the entirety of its inventory, stores, staff, and customers.

You can download the Rockbuster Stealth database here:

- [Rockbuster Stealth DB](#)





2. Entity Relationship Diagram (ERD)



3. Tables




3.1. Fact Tables

3.1.1. Table: payment




COLUMNS			
	Name	Data Type	Description
	payment_id	SERIAL	Unique payment id #.
	customer_id	SMALLINT	Unique customer id #.
	staff_id	SMALLINT	Unique staff id #.
	rental_id	INTEGER	Unique rental id #.
	amount	NUMERIC(5,2)	Payment cost.
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of payment.

LINKS TO	
Table Name	Join
Customer	Payment.customer_id = customer.customer_id
Staff	Payment.staff_id = staff.staff_id
Rental	Payment.rental_id = rental.rental_id

3.1.2. Table: store

COLUMNS			
	Name	Data Type	Description
	store_id	SERIAL	Unique store id #.
	manager_staff_id	SMALLINT	Unique manager id #.
	address_id	SMALLINT	Address of store.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name	Join		
Staff	Store.manager_staff_id = staff.staff_id		
Address	Store.address_id = address.address_id		





3.1.3. Table: film_actor

COLUMNS			
	Name	Data Type	Description
 	actor_id	SMALLINT	Unique actor id #.
	film_id	SMALLINT	Unique film id #.




	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	
actor		Film_actor.actor_id = actor.actor_id	
Film		Film_actor.film_id = film.film_id	




3.1.4. Table: film_category

COLUMNS			
	Name	Data Type	Description
 	film_id	SMALLINT	Unique film id #.
 	category_id	SMALLINT	Unique category id #.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	
Film		Film_category.film_id = film.film_id	
Category		Film_category.category_id = category.category_id	



3.2. Dimension Tables

3.2.1. Table: rental

COLUMNS			
	Name	Data Type	Description
	rental_id	SERIAL	Unique rental id #.
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date movie rented.



	inventory_id	INTEGER	Unique inventory id #.
	customer_id	SMALLINT	Unique customer id #.
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date rental was returned.
	staff_id	SMALLINT	Unique staff member id #.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	
Inventory		Rental.inventory_id = inventory.inventory_id	
Customer		Rental.customer_id = customer.customer_id	
Staff		Rental.staff_id = staff.staff_id	
LINKS FROM			
Table Name		Join	
Payment		Payment.rental_id = rental.rental_id	

3.2.2. Table: inventory

COLUMNS			
	Name	Data Type	Description
	inventory_id	SERIAL	Unique inventory id #.
	film_id	SMALLINT	Unique film id #.
	store_id	SMALLINT	Unique store id #.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	



Film	Inventory.film_id = film.film_id
LINKS FROM	
Table Name	Join
Rental	rental.rental_id = inventory.rental_id

3.2.3. Table: customer

COLUMNS			
	Name	Data Type	Description
	customer_id	SERIAL	Unique customer id #.
	store_id	SMALLINT	Unique store id # where the customer signed up.
	first_name	CHARACTER VARYING(45)	Customer’s first name.
	last_name	CHARACTER VARYING(45)	Customer’s last name.
	email	CHARACTER VARYING(50)	Customer’s email address.
	address_id	SMALLINT	Numerical placeholder assigned to customer’s email address.
	activebool	BOOLEAN	Returned value of IF() formula regarding account’s active status.
	create_date	DATE	Date account was created.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
	active	INTEGER	1 or 0 to represent if account is currently active or not active.
LINKS TO			
Table Name		Join	
Address		Customer.address_id = address.address_id	
LINKS FROM			
Table Name		Join	


Payment	Payment.customer_id = customer.customer_id
Rental	rental.customer_id = customer.customer_id

3.2.4. Table: staff



COLUMNS			
	Name	Data Type	Description
	staff_id	SERIAL	Unique staff id #.
	first_name	CHARACTER VARYING(45)	First name of staff member.
	last_name	CHARACTER VARYING(45)	Last name of staff member.
	address_id	SMALLINT	Numerical placeholder assigned to staff member's email address.
	email	CHARACTER VARYING(50)	Staff member's email address.
	store_id	SMALLINT	Unique store id # where staff member works.
	active	BOOLEAN	Returned value of IF() formula regarding staff member's employment status.
	username	CHARACTER VARYING(16)	Employee's personal username to sign in to store computer network.
	password	CHARACTER VARYING(40)	Employee's personal password to sign in to store computer network.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
	picture	BYTEA	Picture of employee.
LINKS TO			
Table Name		Join	
Address		Staff.address_id = address.address_id	
LINKS FROM			
Table Name		Join	
Store		Store.staff_id = staff.staff_id	
Payment		Payment.staff_id = staff.staff_id	

rental	Rental.staff_id = staff.staff_id
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3.2.5. Table: actor

COLUMNS			
	Name	Data Type	Description
	actor_id	SERIAL	Unique actor id #.
	first_name	CHARACTER VARYING(45)	First name of the actor.
	last_name	CHARACTER VARYING(45)	Last name of the actor.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS FROM			
Table Name		Join	
Film_actor		Film_actor.actor_id = actor.actor_id	

3.2.6. Table: film

COLUMNS			
	Name	Data Type	Description
	film_id	SERIAL	Unique film id #.
	title	CHARACTER VARYING(255)	Title of the movie.
	description	TEXT	Description of the movie plot.
	release_year	YEAR	Release year of the movie
	language_id	SMALLINT	Unique language id #.
	rental_duration	SMALLINT	How many days the movie was rented.
	rental_rate	NUMERIC(4,2)	Cost to rent the movie.
	length	SMALLINT	Length of movie.

	replacement_cost	NUMERIC(5,2)	Cost to replace lost movie.
	rating	MPAA_RATING	Official movie rating.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
	special_features	TEXT[]	Listing of special features the movie might have (trailers, extras, etc.)
	fulltext	TSVECTOR	Alphabetical listing of full-length words in the Title & Description columns along with their numerical position.


LINKS TO

Table Name	Join
Language	Film.language_id = language.language_id


LINKS FROM

Table Name	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



3.2.7. Table: category

COLUMNS			
	Name	Data Type	Description
	category_id	SERIAL	Unique category id #.
	name	CHARACTER VARYING(25)	Name of movie category.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS FROM			
Table Name	Join		
Film_category	Film_category.category_id = category.category_id		

3.2.8. Table: language



COLUMNS			
	Name	Data Type	Description
	language_id	SERIAL	Unique language id #.
	name	CHARACTER(20)	Name of movie language.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS FROM			
Table Name		Join	
Film		Film.language_id = language.language_id	

3.2.9. Table: address


COLUMNS			
	Name	Data Type	Description
	address_id	SERIAL	Unique address id # of Staff member, Customer or Store.
	address	CHARACTER VARYING(50)	Number and Street name of residence/store.
	address2	CHARACTER VARYING(50)	Additional space for longer addresses (P.O. Box, Ste.#)
	district	CHARACTER VARYING(20)	State or Province.
	city_id	SMALLINT	Unique city id #.
	postal_code	CHARACTER VARYING(10)	Postal code of address.
	phone	CHARACTER VARYING(20)	Staff member, Customer or Store phone number.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	
City		Address.city_id = city.city_id	

LINKS FROM	
Table Name	Join
Store	Store.address_id = address.address_id
Customer	Customer.address_id = address.address_id
staff	Staff.address_id = address.address_id

3.2.10. Table: city

COLUMNS			
	Name	Data Type	Description
	city_id	SERIAL	Unique city id #.
	city	CHARACTER VARYING(50)	Name of city.
	country_id	SMALLINT	Unique country id #.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS TO			
Table Name		Join	
Country		City.country_id = country.country_id	
LINKS FROM			
Table Name		Join	
Address		Address.city_id = city.city_id	

3.2.11. Table: country

COLUMNS			
	Name	Data Type	Description
	country_id	SERIAL	Unique country id #.

	country	CHARACTER VARYING(50)	Name of country.
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.
LINKS FROM			
Table Name		Join	
City		City.country_id = country.country_id	

3.2.12. Table: employees (Contains no records and no links)

COLUMNS		
Name	Data Type	Description
employee_id	INTEGER	Unique employee id #.
name	CHARACTER VARYING(50)	Name of employee.
designation_id	INTEGER	Unique designation id #.
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time this object was last updated.