

Rockbuster Stealth LLC

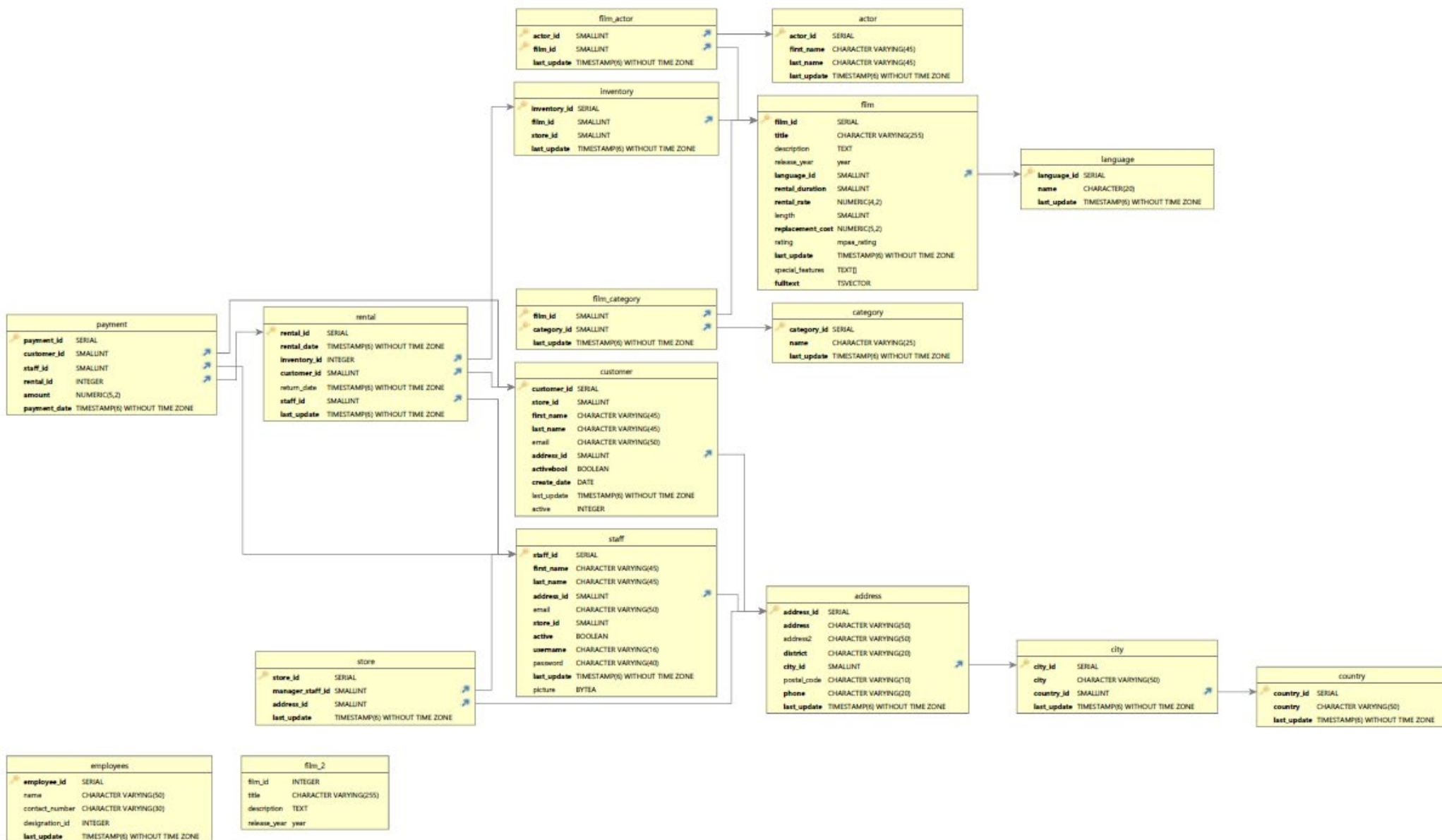
DATA DICTIONARY

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Fact Tables

PAYMENT

Column	Data Type	Brief Description
PAYMENT_ID	SERIAL	PRIMARY KEY; UNIQUE SERIAL ID OF TRANSACTION
CUSTOMER_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF CUSTOMER
STAFF_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF STAFF
AMOUNT	NUMERIC(5,2)	PRESUMABLY DOLLAR AMOUNT OF TRANSACTION
PAYMENT_DATE	TIMESTAMP(6) WITHOUT TIME ZONE	

Links to:

Table	Link
CUSTOMER	Payment.customer_id=Customer.customer_id
STAFF	Payment.staff_id=Staff.staff_id
RENTAL	Payment.rental_id=Rental.rental_id

Links from: N/A

RENTAL

Column	Data Type	Brief Description
RENTAL_ID	SERIAL	PRIMARY KEY; UNIQUE SERIAL OF RENTAL TRANSACTION
RENTAL_DATE	TIMESTAMP(6) WITHOUT TIMEZONE	YYYY-MM-DD-TIME
INVENTORY_ID	INTEGER	FOREIGN KEY; UNIQUE INVENTORY ID RENTED PRODUCT
CUSTOMER_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF CUSTOMER
RETURN_DATE	TIMESTAMP(6) WITHOUT TIMEZONE	YYYY-MM-DD-TIME
STAFF_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF STAFF
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIMEZONE	LAST UPDATE OF TABLE

Links to:

Table	Link
INVENTORY	Rental.inventory_id=Inventory.Inventory_id
CUSTOMER	Rental.customer_id=Customer.customer_id
STAFF	Rental.staff_id=Staff.staff_id

Links from:

Table	Link
PAYMENT	Rental.inventory_id=Inventory.Inventory_id

Dimension Tables

FILM_ACTOR

Column	Data Type	Brief Description
ACTOR_ID	SMALLINT	COMPOSITE KEY; UNIQUE ID OF ACTOR
FILM_ID	SMALLINT	COMPOSITE KEY; UNIQUE ID OF FILM
LAST UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF TABLE

Links to:

Table	Link
ACTOR	Payment.customer_id=Customer.customer_id
FILM	Payment.staff_id=Staff.staff_id

Links from: N/A

INVENTORY

Column	Data Type	Brief Description
INVENTORY_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF INVENTORY
FILM_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF FILM
STORE_ID	SMALLINT	ID OF STORE WHERE TRANSACTION TOOK PLACE
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF TABLE

Links to:

Table	Link
FILM	Inventory.film_id=Film.film_id

Links from:

Table	Link
RENTAL	Rental.inventory_id=Inventory.inventory_id

FILM_CATEGORY

Column	Data Type	Brief Description
FILM_ID	SMALLINT	PRIMARY KEY; UNIQUE ID OF FILM
CATEGORY_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF GENRE
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF TABLE

Links to:

Table	Link
FILM	Film_category.film_id=Film.film_id
CATEGORY	Film_category.category_id=Category.category_id

Links from: N/A

CUSTOMER

Column	Data Type	Brief Description
CUSTOMER_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF CUSTOMER
STORE_ID	SMALLINT	UNIQUE ID OF STORE WHERE TRANSACTION TOOK PLACE
FIRST_NAME	CHARACTER VARYING[45]	FIRST NAME OF CUSTOMER
LAST_NAME	CHARACTER VARYING[45]	LAST NAME OF CUSTOMER
EMAIL	CHARACTER VARYING[45]	EMAIL OF CUSTOMER
ADDRESS_ID	SMALLINT	FOREIGN KEY; CUSTOMER ADDRESS
ACTIVEBOOL	BOOLEAN	IDENTIFIES WHETHER THE DATA IS BOOLEAN WITH TRUE/FALSE INPUT
CREATE_DATE	DATE	YYYY-MM-DD; DATE CUSTOMER ID/ACCOUNT WAS CREATED
LAST_UPDATE	TIMESTAMP[6] WITHOUT TIME ZONE	DATE CUSTOMER PROFILE WAS LAST UPDATED
ACTIVE	INTEGER	ACTIVE STATUS OF CUSTOMER IN 1/0

Links to:

Table	Link
ADDRESS	Customer.address_id=address.address_id
STORE	Customer.store_id=store.store_id

Links from:

Table	Link
RENTAL	Rental.customer_id=customer.customer_id

STAFF

Column	Data Type	Brief Description
STAFF_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF STAFF
FIRST_NAME	CHARACTER VARYING[45]	FIRST NAME OF STAFF
LAST_NAME	CHARACTER VARYING[45]	LAST NAME OF STAFF
ADDRESS_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF ADDRESS
EMAIL	CHARACTER VARYING[50]	EMAIL ADDRESS OF STAFF
STORE_ID	SMALLINT	UNIQUE ID OF STORE WHERE STAFF MEMBER WORKS
ACTIVE	BOOLEAN	INDICATES WHERE DATA IS BOOLEAN IN TRUE/FALSE INPUT
USERNAME	CHARACTER VARYING[16]	USERNAME OF STAFF MEMBER – FIRSTNAME IN CASE OF CURRENT STAFF MEMBERS
PASSWORD	CHARACTER VARYING[40]	PASSWORD OF PRESUMABLY COMPANY ACCOUNT
LAST_UPDATE	TIMESTAMP[6] WITHOUT TIME ZONE	LAST UPDATE OF STAFF INFORMATION
PICTURE	BYTEA	RAW BYTE STORAGE OF STAFF PICTURE

Links to:

Table	Link
ADDRESS	Staff.Address_id=Address.address_id

Links from:

Table	Link
RENTAL	Rental.Staff_id=Staff.staff_id
STORE	Store.store_id=staff.store_id

STORE

Column	Data Type	Brief Description
STORE_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF STORE
MANAGER_STAFF_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF MANAGER
ADDRESS_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF ADDRESS
LAST_UPDATE	TIMESTAMP[6] WITHOUT TIME ZONE	LAST UPDATE OF TABLE

Links to:

Table	Link
STAFF	Store.Manager_staff_id=Staff.staff_id
ADDRESS	Store.Address_id=Address.address_id

Links from: N/A

ACTOR

Column	Data Type	Brief Description
ACTOR_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF ACTOR
FIRST_NAME	CHARACTER VARYING[45]	FIRST NAME OF ACTOR
LAST_NAME	CHARACTER VARYING[45]	LAST NAME OF ACTOR
LAST_UPDATE	TIMESTAMP[6] WITHOUT TIME ZONE	LAST UPDATE OF INFORMATION

Links to: N/A

Links from:

Table	Link
FILM_ACTOR	Actor.actor_id=film_actor.actor_id

FILM

Column	Data Type	Brief Description
FILM_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF FILM
TITLE	CHARACTER VARYING [[255]	TITLE OF FILM
DESCRIPTION	TEXT	DESCRIPTION OF FILM
RELEASE_YEAR	YEAR	YEAR OF FILM'S RELEASE
LANGUAGE_ID	SMALLINT	FOREIGN KEY; ID OF LANGUAGE OF FILM
RENTAL DURATION	SMALLINT	RENTAL DURATION IN DAYS; NOT SURE IF THIS IS A CENTRAL TENDENCY OF A FILM'S RENTAL DURATION, OR MAX LIMIT OF RENTAL DURATION FOR A FILM
RENTAL_RATE	NUMERIC(4,2)	PRICE OF RENTAL
LENGTH	SMALLINT	LENGTH OF FILM IN MINUTES
REPLACEMENT_COST	NUMERIC(5,2)	COST TO REPLACE FILM IF DAMAGED OR LOST
RATING	MPAA_RATING	MPAA RATING OF THE FILM
LAST_UPDATE	TIMESTAMP[6] WITHOUT TIME ZONE	LAST UPDATE OF INFORMATION
SPECIAL FEATURES	TEXT[]	SPECIAL FEATURES OF FILM SUCH AS "BEHIND THE SCENES" OR "DELETED SCENES"
FULLTEXT	TSVECTOR	OPTIMIZED TEXT SEARCH OF DESCRIPTION

Links to:

Table	Link
LANGUAGE	Film.language_id=Language.Language_id

Links from:

Table	Link
FILM_ACTOR	Film_actor.film_id=Film.film_id
FILM_CATEGORY	Film_category.film_id=Film.film_id

CATEGORY

Column	Data Type	Brief Description
CATEGORY_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF FILM GENRE
NAME	CHARACTER VARYING(25)	GENRE NAME
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF RECORD

Links to: N/A

Links from:

Table	Link
FILM_CATEGORY	Category.category_id=film_category.category_id

ADDRESS

Column	Data Type	Brief Description
ADDRESS_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF ADDRESS
ADDRESS	CHARACTER VARYING(50)	STREET ADDRESS
ADDRESS2	CHARACTER VARYING(50)	NO RECORD IN COLUMN; CONTINUE OF ADDRESS
DISTRICT	CHARACTER VARYING(20)	DISTRICT OF ADDRESS
CITY_ID	SMALLINT	UNIQUE ID OF CITY
POSTAL_CODE	CHARACTER VARYING (10)	POSTAL CODE OF ADDRESS
PHONE	CHARACTER VARYING(20)	PHONE NUMBER ASSOCIATED WITH ADDRESS
LAST UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF RECORD

Links to:

Table	Link
CITY	Address.City_id=City.city_id

Links from:

Table	Link
CUSTOMER	Customer.Address_id=Address.address_id
STORE	Store.Address_id=Address.address_id
STAFF	Staff.Address_id=Address.address_id

LANGUAGE

Column	Data Type	Brief Description
LANGUAGE_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF LANGAUGE OF FILM
NAME	CHARACTER(20)	LAGUAGE OF FILM
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF RECORD

Links to: N/A

Links from:

Table	Link
FILM	Film.language_id=Language.language_id

CITY

Column	Data Type	Brief Description
CITY_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF CITY
CITY	CHARACTER VARYING(50)	CITY NAME
COUNTRY_ID	SMALLINT	FOREIGN KEY; UNIQUE ID OF COUNTRY
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LAST UPDATE OF RECORD

Links to:

Table	Link
CITY	Address.City_id=City.city_id

Links from:

Table	Link
CUSTOMER	Customer.Address_id=Address.address_id
STORE	Store.Address_id=Address.address_id
STAFF	Staff.Address_id=Address.address_id

COUNTRY

Column	Data Type	Brief Description
COUNTRY_ID	SERIAL	PRIMARY KEY; UNIQUE ID OF COUNTRY
COUNTRY	CHARACTER VARYING(50)	NAME OF COUNTRY
LAST_UPDATE	TIMESTAMP(6) WITHOUT TIME ZONE	LATE UPDATE OF RECORD

Links to: N/A

Links from:

Table	Link
CITY	City. city_id= Country. city_id