ROCKBUSTER STEALTH

DATA DICTIONARY

ALEXANDRA LINDSAY

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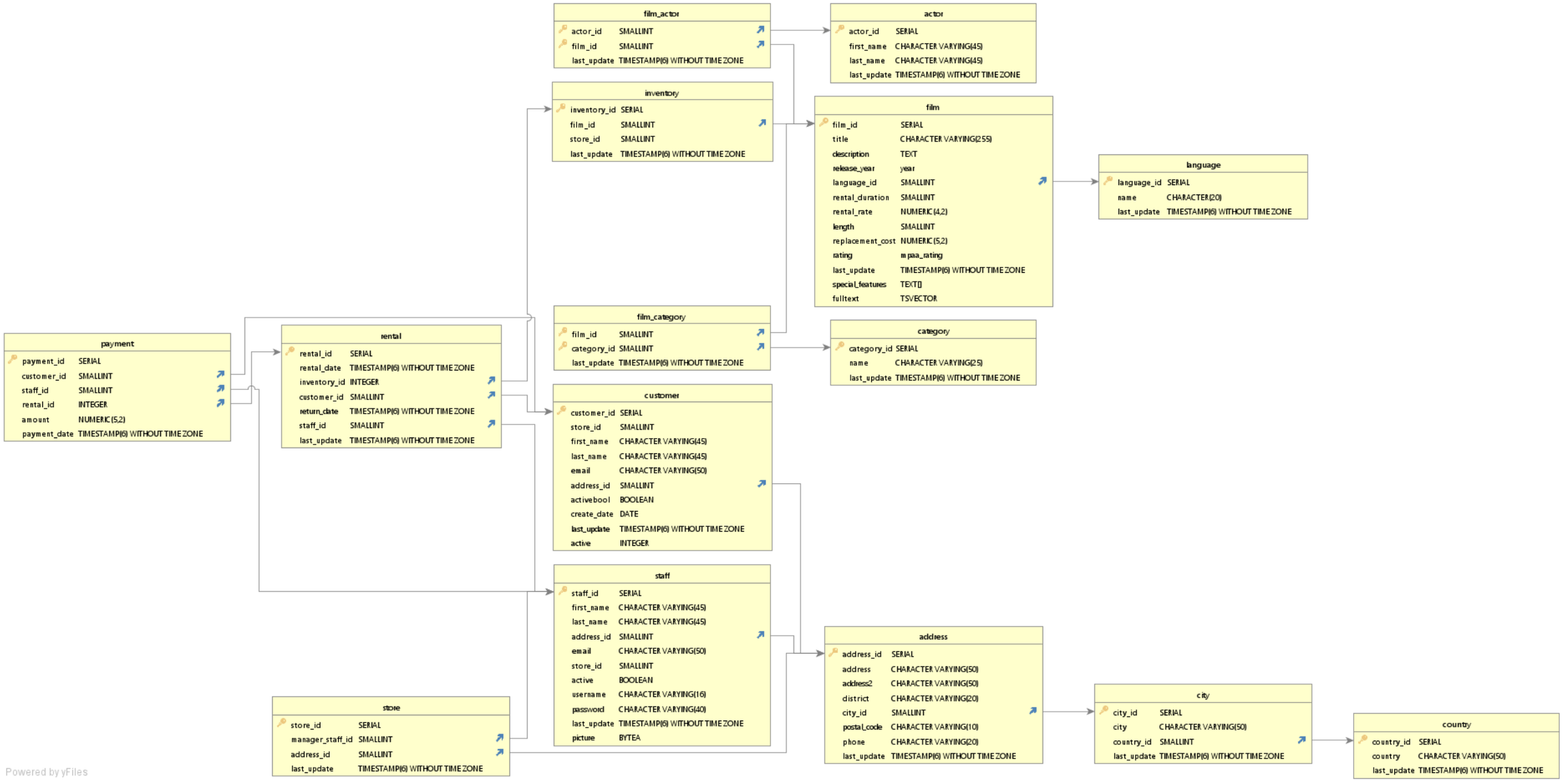
film_actor
actor_id SMALLINT
film_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
actor
actor_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
inventory
inventory_id SERIAL
film_id SMALLINT
store_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film
film_id SERIAL
title CHARACTER VARYING(255)
description TEXT
release_year year
language_id SMALLINT
rental_duration SMALLINT
rental_rate NUMERIC(4,2)
length SMALLINT
replacement_cost NUMERIC(5,2)
rating mpaa_rating
last_update TIMESTAMP(6) WITHOUT TIME ZONE
special_features TEXT[]
fulltext TSVECTOR
language
language_id SERIAL
name CHARACTER(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
payment
payment_id SERIAL
customer_id SMALLINT
staff_id SMALLINT
rental_id INTEGER
amount NUMERIC(5,2)
payment_date TIMESTAMP(6) WITHOUT TIME ZONE
rental
rental_id SERIAL
rental_date TIMESTAMP(6) WITHOUT TIME ZONE
inventory_id INTEGER
customer_id SMALLINT
return_date TIMESTAMP(6) WITHOUT TIME ZONE
staff_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
film_category
film_id SMALLINT
category_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
category
category_id SERIAL
name CHARACTER VARYING(25)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
customer
customer_id SERIAL
store_id SMALLINT
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
email CHARACTER VARYING(50)
address_id SMALLINT
activebool BOOLEAN
create_date DATE
last_update TIMESTAMP(6) WITHOUT TIME ZONE
active INTEGER
staff
staff_id SERIAL
first_name CHARACTER VARYING(45)
last_name CHARACTER VARYING(45)
address_id SMALLINT
email CHARACTER VARYING(50)
store_id SMALLINT
active BOOLEAN
username CHARACTER VARYING(16)
password CHARACTER VARYING(40)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
picture BYTEA
address
address_id SERIAL
address CHARACTER VARYING(50)
address2 CHARACTER VARYING(50)
district CHARACTER VARYING(20)
city_id SMALLINT
postal_code CHARACTER VARYING(10)
phone CHARACTER VARYING(20)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
city
city_id SERIAL
city CHARACTER VARYING(50)
country_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
country
country_id SERIAL
country CHARACTER VARYING(50)
last_update TIMESTAMP(6) WITHOUT TIME ZONE
store
store_id SERIAL
manager_staff_id SMALLINT
address_id SMALLINT
last_update TIMESTAMP(6) WITHOUT TIME ZONE
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Legend

	Primary Key
	Foreign Key

Fact Table

Rental table

Key	Columns	Data Type	Description	Links From	Links to
	Rental_ID	Serial	Serial number assigned to ID	Payment	
	Rental_date	Timestamp(6) without time zone	date		
	Inventory_id	Integer	Number assigned to the ID		Inventory
	Customer_ID	Smallint	Number assigned to ID		Customer
	Return_date	Timestamp(6) without time zone	date		
	Staff_ID	Smallint	Number assigned to ID		Staff
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Dimensions Tables

Payment table

Key	Columns	Data Type	Description	Links From	Links To
	Payment_id	Serial	Serial number assigned to ID		
	Customer_id	Smallint	Number assigned to ID		Customer
	Staff_id	Smallint	Number assigned to ID		Staff
	Rental_Id	Interger	Number assigned to ID		Rental
	Amount	Numeric (5,2)	Numeric number of amount paid		
	Payment_date	Timestamp(6) without time zone	Time stamp of the last update		

Film actor Table

Key	Columns	Data Type	Description	Links From	Links To
	Actor_ID	Smallint	Number assigned to ID		Actor
	Film_ID	Smallint	Number assigned to ID		Film
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Inventory Table

Key	Columns	Data Type	Description	Links From	Links To
	Inventory_ID	Serial	Serial number assigned to ID	Rental	
	Film_ID	Smallint	Number assigned to ID		Film
	Store_ID	Smallint	Number assigned to ID		Store
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Actor Table

Key	Columns	Data Type	Description	Links From	Links To
	Actor_ID	Serial	Serial number assigned to ID	Film Actor	
	First_name	Character varying(45)	Actor's first name		
	Last_name	Character varying(45)	Actor's last name		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Film Table

Key	Columns	Data Type	Description	Links From	Links To
	Film_ID	Serial	Serial number assigned to ID	Film Actor Inventory Film Category	
	Title	Character varying(255)	Film title		
	Description	Text	Film year of release		
	Release_year	Year	Released year		
	Language_ID	Smallint	Number assigned to ID		Language
	Rental_duration	Smallint	Length of rental		
	Rental_rate	Numeric(4,2)	Film price		
	Length	Smallint	Length of film		
	Replacement_cost	Numeric(5,2)	Cost of replacement		
	Rating	M paa_rating	Film rating		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		
	Special_features	Text[]	Film special features		
	Fulltext	tsvector	Keywords associated with film		

Language Table

Key	Columns	Data Type	Description	Links From	Links To
	Language_ID	Serial	Serial number assigned to ID	Film	
	Name	Character(20)	Language name		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Film Category Table

Key	Columns	Data Type	Description	Links From	Links To
	Film_ID	Smallint	Number assigned to ID	Film Actor	Film
	Category_ID	Smallint	Number assigned to ID		Category
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Category Table

Key	Columns	Data Type	Description	Links From	Links To
	Category_ID	Serial	Serial number assigned to ID	Film Category	
	Name	Character varying(45)	Name assigned to ID		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Customer Table

Key	Columns	Data Type	Description	Links From	Links To
	Customer_ID	Serial	Serial number assigned to ID	Rental Payment	
	Store_Id	Smallint	Number assigned to ID		Store
	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	Number assigned to ID		Address
	Activebool	Boolean	Customer's status		
	Create_date	Date	Date entry was created		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		
	Active	interger	Customer's status		

Store Table

Key	Columns	Data Type	Description	Links From	Links To
	Store_ID	Serial	Serial number assigned to ID	Staff	
	Manager_staff_ID	Smallint	Number assigned to ID		
	Address_ID	Smallint	Number assigned to ID		Address
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Staff Table

Key	Columns	Data Type	Description	Links From	Links To
	Staff_ID	Serial	Serial number assigned to ID	Payment Store Rental	
	First_name	Character varying(45)	Staff first name		
	Last_name	Character varying(45)	Staff last name		
	Address_ID	Smallint	Number assigned to ID		Address
	Email	Character varying(50)	Staff email		
	Store_id	Smallint	Number assigned to ID		Store
	Active	Boolean	Staff's status		
	Username	Character varying(16)	Staff username		
	Password	Character varying(40)	Staff password		
	Last update	Timestamp(6) without time zone	Time stamp of the last update		
	Picture	bytea	Staff picture		

Address Table

Key	Columns	Data Type	Description	Link From	Link To
	Address_ID	Serial	Serial number assigned to ID	Customer Staff Store	
	Address	Character varying(50)	Street address		
	Address2	Character varying(50)	Street address continued		
	District	Character varying(50)	District		
	City_ID	Smallint	Number assigned to ID		City
	Postal_code	Character varying(10)	Postal code		
	Phone	Character varying(20)	Phone number		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

City Table

Key	Columns	Data Type	Description	Links From	Links To
	City_ID	Serial	Serial number assigned to ID	Address	
	City	Character varying(50)	City name		
	Country_ID	Smallint	Number assigned to ID		Country
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		

Country Table

Key	Columns	Data Type	Description	Links From	Links To
	Country_ID	Serial	Serial number assigned to ID	City	
	Country	Character varying(50)	Country name		
	Last_update	Timestamp(6) without time zone	Time stamp of the last update		