Data Dictionary

ROCKBUSTER STEALTH LLC

ROCKBUSTER STEALTH'S ENTITY RELATIONSHIP DIAGRAM (ERD)

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

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

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

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

ACTOR

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
actor_id	integer	32	Actor id	**Primary key**	Yes	auto generated, nextval
first_name	character varying	45	First name of actor		Yes	
last_name	character varying	45	Last name of actor		Yes	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()

ADDRESS

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
address_id	integer	32	Address id	**Primary key**	Yes	auto generated, nextval
address	character varying	50	Street address		Yes	
address2	character varying	50	Address		No	
district	character varying	20	State or province or district name		Yes	
city_id	smallint	16	City id	**Foreign key**	Yes	
postal_code	character varying	10	Postal code		No	
phone	character varying	20	Phone number		Yes	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()

CATEGORY

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
category_id	integer	32	Category id	**Primary key**	Yes	auto generated, nextval
name	character varying	25	Name of category		Yes	
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()

CITY

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
city_id	integer	32	City id	**Primary key**	Yes	auto generated nextval
city	character varying	50	City name		Yes	
country_id	smallint	16	Country_id	**Foreign key**, pointing to country_id	Yes	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()

COUNTRY

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
country_id	integer	32	Country id	**Primary key**	Yes	auto generated nextval
country	character varying	50	Country name		Yes	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()

Customer

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
customer_id	integer	32	Customer id	**Primary Key**	Yes	auto generated, nextval
store_id	smallint	16	Store id	*Not identified as a foreign key*	Yes	
first_name	character varying	45	First name of actor		Yes	
last_name	character varying	45	Last name of actor		Yes	
email	character varying	50	Customer email id		No	
address_id	smallint	16	Address id	**Foreign key**, pointing to the address table	Yes	
activebool	boolean		Boolean value; has no constraints		Yes	true
create_date	date	3	Date record was created		Yes	('now'::text)::date
last_update	timestamp without time zone	6	Date record was updated			now()
active	integer	32	Integer value		No	

Film

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
film_id	integer	32	Primary key of the Film table	**Primary key**	Yes	auto generated, nextval
title	character varying	255	Title of film		Yes	
description	text		Description of film		No	
release_year	integer	32	Release year		No	
language_id	smallint	16	Language id	**Foreign key**, pointing to the language table	Yes	
rental_duration	smallint	16	Rental duration in number of days		Yes	3
rental_rate	numeric	4, 2	Rental rate		Yes	4.99
length	smallint	16	Length of the film in minutes		No	
replacement_cost	numeric	5,2	Replacement cost or fine		Yes	19.99
rating	USER-DEFINED		MPAA rating		No	'G'::mpaa_rating
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()
special_features	ARRAY		Special features such as film trailers		No	
fulltext	Tsvector		Tags		Yes	

FILM ACTOR

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
actor_id	smallint	16	Actor id	**Composite primary key** of the film_actor table (along with film_id) **Foreign key** pointing to the actor table	Yes	auto generated, nextval
film_id	smallint	16	Film id	**Composite primary key** of the film_actor table (along with actor_id) **Foreign key** pointing to the film table	Yes	
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()

Film Category

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
film_id	smallint	16	Film id	**Composite primary key** of the film category table (along with category_id) **Foreign key** pointing to film table	Yes	auto generated, nextval
category_id	smallint	16	Category id	**Composite primary key** of the film category table (along with film_id) Foreign key pointing to category table	Yes	
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()

Inventory

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
inventory_id	integer	32	Inventory id	**Primary key**	Yes	auto generated nextval
film_id	smallint	16	Film id	**Foreign key** pointing to the film _table	Yes	
store_id	smallint	16	Store id	Appears to be a store id, but not identified as a foreign key to any of the tables	Yes	
last_update	timestamp without time zone	6	Last time the record was updated; has no constraints		Yes	now()

LANGUAGE

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
language_id	integer	32	Language id	**Primary key**	Yes	auto generated, nextval
name	character	20	Language name		Yes	
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()

PAYMENT

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
payment_id	integer	32	Payment id	**Primary key**	Yes	auto generated, nextval
staff_id	smallint	16	Staff id	**Foreign key**, pointing to the rental table	Yes	
customer_id	smallint	16	Customer id	**Foreign key**, pointing to the rental table	Yes	
rental_id	integer	32	Rental id	**Foreign key**, pointing to the rental table	Yes	
amount	numeric	5, 2	Amount paid		Yes	
payment_date	timestamp without time zone	6	Date of payment		Yes	

Rental

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Default
rental_id	integer	32	Rental id	**Primary key**	Yes	auto generated, nextval
rental_date	timestamp without time zone	6	Date of rental		Yes	
inventory_id	integer	32	Inventory id	**Foreign key**, pointing to inventory table	Yes	
customer_id	smallint	16	Customer id	**Foreign key**, pointing to customer table	Yes	
return_date	timestamp without time zone	6	Date rental is returned		No	
staff_id	smallint		Staff id	**Foreign key**, pointing to staff table	Yes	
last_update	timestamp without time zone	6	Last time the record was updated		Yes	now()

Staff

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Constraints / Default
staff_id	integer	32	Primary key of Staff table	**Primary key**	Yes	auto generated nextval
first_name	character varying	45	First name of actor		Yes	
last_name	character varying	45	Last name of the actor		Yes	
address_id	smallint	16	Address id	**Foreign key**, pointing to address table	Yes	
email	character varying	50	Email id		No	
store_id	smallint	16	Store id	Appears to be a store id, but not identified as a foreign key	Yes	
active	boolean		Boolean value		Yes	True
username	character varying	16	Username		Yes	
password	character varying	40	Password		No	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()
picture	bytea		Picture		No	

Store

Columns	Data Type	Field Size	Descriptions	Key	'Not Null' enforced	Constraints / Default
store_id	integer	32	Store id	**Primary key**	Yes	auto generated, nextval
manager_staff_id	smallint	16	Manager Staff id	**Foreign key** pointing to the staff table	Yes	
address_id	smallint	16	Address id	**Foreign key** pointing to the address table	Yes	
last_update	timestamp without time zone	6	Date record was updated		Yes	now()