



# ROCKBUSTER STEALTH DATA DICTIONARY



## Table of Contents

Entity Relationship Diagram (ERD).....	3
Legend.....	4
Fact Table.....	4
rental.....	4
Dimension Table.....	4
payment.....	4
store.....	5
film_actor.....	5
inventory.....	5
film_category.....	6
customer.....	6
actor.....	6
staff.....	7
category.....	7
language.....	7
film.....	8
address.....	8
city.....	9
country.....	9





# Entity Relationship Diagram (ERD)







## Legend

	Primary Key
	Foreign Key




## Fact Table

Fact Table: rental			
Column	Data Type	Description	Link to
rental_id 	SERIAL	Unique ID assigned to each rental order	<a href="#">payment</a>
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of rental	
inventory_id 	INTEGER	Inventory number	<a href="#">inventory</a>
customer_id 	SMALLINT	Customer identification number	<a href="#">customer</a>
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of rental return	
staff_id 	SMALLINT	Staff identification number	<a href="#">staff</a>
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	



## Dimensions

Dimension Table: payment			
Column	Data Type	Description	Link to
payment_id 	SERIAL	Unique ID assigned to each payment	
customer_id 	SMALLINT	Customer identification number	<a href="#">customer</a>
staff_id 	SMALLINT	Staff identification number	<a href="#">staff</a>
rental_id 	INTEGER	Unique ID assigned to each rental order	<a href="#">rental</a>
amount	NUMERIC(5,2)	Amount paid during transaction	
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of payment	




**Dimension Table: store**

Column		Data Type	Description	Link to
store_id		SERIAL	Unique ID assigned to each store	<a href="#">customer, inventory, staff</a>
manager_staff_id		SMALLINT	Manager identification number	<a href="#">staff</a>
address_id		SMALLINT	Address of Store	<a href="#">address</a>
last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	



**Dimension Table: film\_actor**

Column		Data Type	Description	Link to
actor_id		SMALLINT	Unique ID assigned to each actor	<a href="#">actor</a>
film_id		SMALLINT	Film identification number	<a href="#">film</a>
last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	




**Dimension Table: inventory**

Column		Data Type	Description	Link to
inventory_id		SERIAL	Unique ID assigned to each inventory item	<a href="#">rental</a>
film_id		SMALLINT	Film identification number	<a href="#">film</a>
store_id		SMALLINT	Unique ID assigned to each store	<a href="#">store</a>
last_update		TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	


**Dimension Table: film\_category**

Column	Data Type	Description	Link to
film_id 	SMALLINT	Film identification number	<a href="#">film</a>
category_id 	SMALLINT	Category identification number	<a href="#">category</a>
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	




**Dimension Table: customer**

Column	Data Type	Description	Link to
customer_id 	SERIAL	Unique ID assigned to each customer	<a href="#">payment, rental</a>
store_id 	SMALLINT	Unique ID assigned to each store	<a href="#">store</a>
first_name	CHARACTER VARYING(45)	Customer first name	
last_name	CHARACTER VARYING(45)	Customer last name	
email	CHARACTER VARYING(50)	Customer email address	
address_id 	SMALLINT	Customer address	<a href="#">address</a>
activebool	BOOLEAN	Status of customer: active or inactive	
create_date	DATE	Date customer record created	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	
active	INTEGER	Status of customer	


**Dimension Table: actor**

Column	Data Type	Description	Link to
actor_id 	SERIAL	Unique ID assigned to each actor	<a href="#">film_actor</a>
first_name	CHARACTER VARYING(45)	Actor first name	
last_name	CHARACTER VARYING(45)	Actor last name	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	


**Dimension Table: staff**

Column	Data Type	Description	Link to
staff_id 	SERIAL	Unique ID assigned to each staff member	<a href="#">payment, rental</a>
first_name	CHARACTER VARYING(45)	Staff first name	
last_name	CHARACTER VARYING(45)	Staff last name	<a href="#">address</a>
address_id 	SMALLINT	Staff address	
email	CHARACTER VARYING(50)	Staff email address	
store_id 	SMALLINT	Unique ID assigned to each store	<a href="#">store</a>
active	BOOLEAN	Status of staff: active or inactive	
username	CHARACTER VARYING(16)	Staff username	
password	CHARACTER VARYING(40)	Staff password	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	
picture	INTEGER	Picture of staff	



**Dimension Table: category**

Column	Data Type	Description	Link to
category_id 	SERIAL	Unique ID assigned to each category	<a href="#">film_category</a>
name	CHARACTER VARYING(25)	Category name	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	



**Dimension Table: language**

Column	Data Type	Description	Link to
language_id 	SERIAL	Unique ID assigned to each language	<a href="#">film</a>
name	CHARACTER VARYING(20)	Language name	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	

**Dimension Table: film**



Column	Data Type	Description	Link to
film_id 	SERIAL	Unique ID assigned to each film	<a href="#">film_actor, category, inventory</a>
title	CHARACTER VARYING(255)	Title of film	
description	TEXT	Description of film	
release_year	year	Film release year	
language_id 	SMALLINT	Film language	<a href="#">language</a>
rental_duration	SMALLINT	Duration of rental	
rental_rate	NUMERIC(4,2)	Price of rental	
length	SMALLINT	Duration of film	
replacement_cost	NUMERIC(5,2)	Amount needed to replace the rental	
rating	mpaa_rating	Film rating	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	
special_features	TEXT[]	Description of films special features, if any	
fulltext	TSVECTOR	Text	

**Dimension Table: address**


Column	Data Type	Description	Link to
address_id 	SERIAL	Unique ID assigned to each store address	<a href="#">customer, staff, store</a>
address	CHARACTER VARYING(50)	Store address first line	
address2	CHARACTER VARYING(50)	Store address second line	
district	CHARACTER VARYING(20)	Address district	
city_id 	SMALLINT	Unique ID assigned to each city	<a href="#">city</a>
postal_code	CHARACTER VARYING(10)	Store address postal code	
phone	CHARACTER VARYING(20)	Store phone number	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	



**Dimension Table: city**

Column	Data Type	Description	Link to
city_id 	SERIAL	Unique ID assigned to each city	<a href="#">address</a>
city	CHARACTER VARYING(45)	City name	
county_id 	SMALLINT	Unique ID assigned to each county	<a href="#">country</a>
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	

**Dimension Table: county**

Column	Data Type	Description	Link to
county_id 	SERIAL	Unique ID assigned to each county	<a href="#">city</a>
county	CHARACTER VARYING(50)	County name	
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update	