

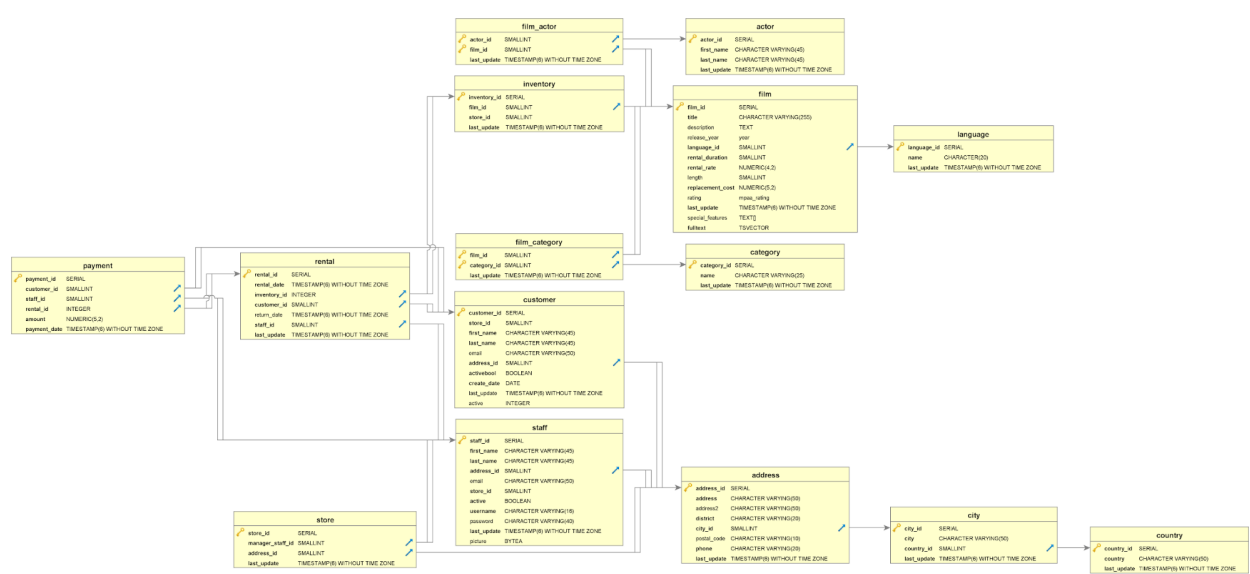
ROCKBUSTER STEALTH LLC DATA DICTIONARY

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Entity Relationship Diagram






Legend:


Symbol	Name	Description
	Primary	Column acts a unique identifier for records
	Foreign	Column or columns that refer to the primary key in another table

Fact Tables: Payment




Key	Columns	Data Type	Description	Links to	Links from	Foreign key
	payment_id	SERIAL	Number assigned to payment			
	customer_id	SMALLINT	Number assigned to customer	customer		
	staff_id	SMALLINT	Number assigned to employee	staff		
	rental_id	INTEGER	Number assigned to rental	rental		
	amount	NUMERIC	Amount paid			
	payment_date	TIMESTAMP(6)WITHOUT TIMEZONE	Date of payment			

Rental:



Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	rental_id	SERIAL	Number assigned to rental		payment_id	
	rental_date	TIMESTAMP(6)WITHOUT TIMEZONE	Date of rental			
	inventory_id	INTEGER	Number assigned to item	inventory		
	customer_id	SMALLINT	Number assigned to customer	customer		
	return_date	TIMESTAMP(6)WITHOUT TIMEZONE	Date rental was returned			

	staff_id	SMALLINT	Number assigned to employee	staff		
	last_update	TIMESTAMP(6)WITH OUT TIMEZONE	Date entry was updated			



Dimension Tables:
Store:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	store_id	SERIAL	Number assigned to store			
	manager_staff_id	SMALLINT	Number assigned to store manager	staff		
	address_id	SMALLINT	Number assigned to store address	address		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was updated			





Film actor:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	actor_id	SMALLINT	Number assigned to actor		film_actor	
	film_id	SMALLINT	Number assigned to film			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was updated			


Inventory:


Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	inventory_id	SERIAL	Number assigned to item		rental	
	film_id	SMALLINT	Number assigned to film	film		
	store_id	SMALLINT	Number assigned to store			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was updated			

Film category:



Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	film_id	SMALLINT	Number assigned to film	film		
	category_id	SMALLINT	Number assigned to category	category		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was updated			

Customer:


Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	customer_id	SERIAL	Number assigned to customer		Rental, payment	
	store_id	SMALLINT	Number assigned to store			

	first_name	CHARACTER VARYING	First name of customer			
	last_name	CHARACTER VARYING	Last name of customer			
	email	CHARACTER VARYING	Email address of customer			
	address_id	SMALLINT	Address of customer	address		



Staff:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	staff_id	SERIAL	Number assigned to employee		payment	
	first_name	CHARACTER VARYING(45)	First name of employee			
	last_name	CHARACTER VARYING(45)	Last name of employee			
	address_id	SMALLINT	Address of employee	address		
	email	CHARACTER VARYING(50)	Email of employee			
	store_id	SMALLINT	Number assigned to store			
	active	BOOLEAN	Is employee active			
	username	CHARACTER VARYING(16)	Username of employee			
	password	CHARACTER VARYING(40)	Password of employee			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
	picture	BYTEA	Picture of employee			

Actor:


Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	actor_id	SERIAL	Number assigned to actor		film_actor	
	first_name	CHARACTER VARYING(45)	First name of actor			
	last_name	CHARACTER VARYING(45)	Last name of actor			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Film:


Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	film_id	SERIAL	Number assigned to film		Film_actor, film_category, inventory	
	title	CHARACTER VARYING(255)	Title of film			
	description	TEXT	Description of film			
	release_year	YEAR	Release year of film			
	language_id	SMALLINT	Number assigned to language	language		
	rental_duration	SMALLINT	Length of rental			
	rental_rate	NUMERIC	Price of rental			
	length	SMALLINT	Length of film			
	replacement_cost	NUMERIC	Replacement cost of film			


	rating	MPAA RATING	Rating of film			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			
	special_features	TEXT	Special features included with film			
	fulltext	TSVECTOR	Keywords associated with film			

Category:


Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	category_id	SERIAL	Identification number of genre		film_category	
	name	CHARACTER VARYING (25)	Name of genre			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Address:



Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	address_id	SERIAL	Number assigned to address		Store, staff, customer	
	address	CHARACTER VARYING(50)	Street address			
	Address 2	CHARACTER VARYING(50)	Supplemental street address			
	district	CHARACTER VARYING(20)	District			

	city_id	SMALLINT	Number assigned to city	city		
	postal_code	CHARACTER VARYING(10)	Postal code			
	phone	CHARACTER VARYING(20)	Phone number			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			


Language:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	language_id	SERIAL	Number assigned to language		film	
	name	CHARACTER VARYING(20)	Name of language			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

City:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	city_id	SERIAL	Number assigned to city		address	
	city	CHARACTER VARYING(50)	Name of city			
	countyr_id	SMALLINT	Number assigned to country	country		
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			

Country:

Key	Columns	Data Type	Description	Link to	Links from	Foreign key
	country_id	SERIAL	Number assigned to country		city	
	country	CHARACTER VARYING(50)	Name of country			
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated			