




ROCKBUSTER STEALTH LLC DATA DICTIONARY



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LEGEND







Primary key







Foreign key

TABLES




payment

Keys	Columns	Data Type	Description	Links to	Links from
	payment_id	SERIAL	Unique ID for each payment transaction – autogenerated.		
	customer_id	SMALLINT	ID assigned to customer associated with payment.	customer	
	staff_id	SMALLINT	ID assigned to staff member associated with payment.	staff	
	rental_id	INTEGER	ID assigned to movie rental transaction.	rental	
	amount	NUMERIC(5,2)	Amount paid by customer for movie rental.		
	payment_date	TIMESTAMP	Date and time of payment.		



hr/> rental

Keys	Columns	Data Type	Description	Links to	Links from
	rental_id	SERIAL	Unique auto-generated ID for the movie rental.		payment
	rental_date	TIMESTAMP	Date and time of the movie rental.		
	inventory_id	INTEGER	ID assigned to inventory item rented.	inventory	
	customer_id	SMALLINT	ID assigned to customer associated with the rental.	customer	
	return_date	TIMESTAMP	Date and time of movie rental return.		
	staff_id	SMALLINT	ID assigned to staff member associated with rental.	staff	
	last_update	TIMESTAMP	Date and time of last record update.		


hr/> inventory

Keys	Columns	Data Type	Description	Links to	Links from
	inventory_id	SERIAL	Unique ID for each inventory item – generated by film_id.		rental
	film_id	SMALLINT	ID assigned to the film.	film	
	store_id	SMALLINT	ID assigned to the store.	store	
	last_update	TIMESTAMP	Date and time of last record update.		



hr/> film_actor

Keys	Columns	Data Type	Description	Link to	Link from
	actor_id	SMALLINT	ID assigned to the actor.	actor	
	film_id	SMALLINT	ID assigned to the film.	film	
	last_update	TIMESTAMP	Date and time of last record update.		


actor

Keys	Columns	Data Type	Description	Link to	Link from
	actor_id	SERIAL	Unique auto-generated ID of each actor.		film_actor
	first_name	VARCHAR(45)	The actor's first name.		
	last_name	VARCHAR(45)	The actor's last name.		
	last_update	TIMESTAMP	Date and time of last record update.		




film_category

Keys	Columns	Data Type	Description	Link to	Link from
	film_id	SMALLINT	ID assigned to the film.	film	
	category_id	SMALLINT	ID assigned to the film category.	category	
	last_update	TIMESTAMP	Date and time of last record update.		



category

Keys	Columns	Data Type	Description	Link to	Link from
	category_id	SERIAL	Unique ID of film category – alphabetically generated.		film_category
	name	VARCHAR(25)	Film genre name.		
	last_update	TIMESTAMP	Date and time of last record update.		




customer

Keys	Columns	Data Type	Description	Link to	Link from
	customer_id	SERIAL	Unique ID number auto-generated for each customer.		payment, rental
	store_id	SMALLINT	ID assigned to the store.	store	
	first_name	VARCHAR(45)	Customer's first name.		
	last_name	VARCHAR(45)	Customer's last name.		
	email	VARCHAR(50)	Customer's email address.		
	address_id	SMALLINT	ID assigned to the customer's address.	address	
	activebool	BOOLEAN	Identifies if a customer is still active.		
	create_date	DATE	Date that customer first became active.		
	last_update	TIMESTAMP	Date and time of last record update.		
	active	INTEGER	Status of customer.		



store

Keys	Columns	Data Type	Description	Links to	Links from
	store_id	SERIAL	Unique auto-generated ID number for each store.		
	manager_staff_id	SMALLINT	ID assigned to the manager of the store.		
	address_id	SMALLINT	ID assigned to the store address.	address	
	last_update	TIMESTAMP	Date and time of last record update.		



staff

Keys	Columns	Data Type	Description	Link to	Link from
	staff_id	SERIAL	Unique auto-generated ID number for each staff member.		payment, rental
	first_name	VARCHAR(45)	Staff member's first name.		
	last_name	VARCHAR (45)	Staff member's last name.		
	address_id	SMALLINT	ID assigned to address of staff member.	address	
	email	VARCHAR(50)	Staff member's email address.		
	store_id	SMALLINT	ID assigned to store of staff member.	store	
	active	BOOLEAN	Status of staff member.		
	username	VARCHAR(16)	Username of staff member.		
	password	VARCHAR(40)	Password of staff member.		
	last_update	TIMESTAMP	Date and time of last record update.		
	picture	BYTEA	Picture of staff member.		


address

Keys	Columns	Data Type	Description	Link to	Link from
	address_id	SERIAL	Unique auto-generated ID of each address (customer, store, staff)		customer, staff, store
	address	VARCHAR(50)	Street Address.		
	address2	VARCHAR(50)	Additional address qualifiers, if necessary.		
	district	VARCHAR(20)	World region, country, state (not well-defined).		
	city_id	SMALLINT	ID assigned to city name.	city	
	postal_code	VARCHAR(10)	Postal code of address.		
	phone	VARCHAR(20)	Phone number.		
	last_update	TIMESTAMP	Date and time of last record update.		



film

Keys	Columns	Data Type	Description	Links to	Links from
	film_id	SERIAL	Unique ID of each film – alphabetically generated.		inventory, film_actor, film_category
	title	VARCHAR(255)	Title of the film.		
	description	TEXT	Description of the film.		
	release_year	INTEGER	Year of film's release.		
	language_id	SMALLINT	ID assigned to language of film.	language	
	rental_duration	SMALLINT	Maximum rental duration in days.		
	rental_rate	NUMERIC(4,2)	Rental rate (cost) of the film.		
	length	SMALLINT	Duration of the film.		
	replacement_cost	NUMERIC(5,2)	Cost to replace the film if lost/stolen.		
	rating	mpaa_rating	Motion Picture Association rating of film (eg. G, PG, etc.)		
	last_update	TIMESTAMP	Date and time of last record update.		
	special_features	TEXT[]	Special features of the rental (eg. Trailers, deleted scenes, etc.)		
	fulltext	TSVECTOR	List of token words from film's description.		


language

Keys	Columns	Data Type	Description	Link to	Link from
	language_id	SERIAL	Unique ID of each language in database (English, Italian, Japanese, Mandarin, French, German).		film
	name	CHAR(20)	Language name.		
	last_update	TIMESTAMP	Date and time of last record update.		

city

Keys	Columns	Data Type	Description	Link to	Link from
	city_id	SERIAL	Unique ID of each city – alphabetically generated.		address
	city	VARCHAR(50)	City name.		
	country_id	SMALLINT	ID assigned to country name.	country	
	last_update	TIMESTAMP	Date and time of last record update.		

country

Keys	Columns	Data Type	Description	Link to	Link from
	country_id	SERIAL	Unique ID of each country – alphabetically generated.		city
	country	VARCHAR(50)	Country name.		
	last_update	TIMESTAMP	Date and time of last record update.		