

Rockbuster Stealth LLC

DATA DICTIONARY

Daniel Nuñez O.
danielnuort@gmail.com
+4915

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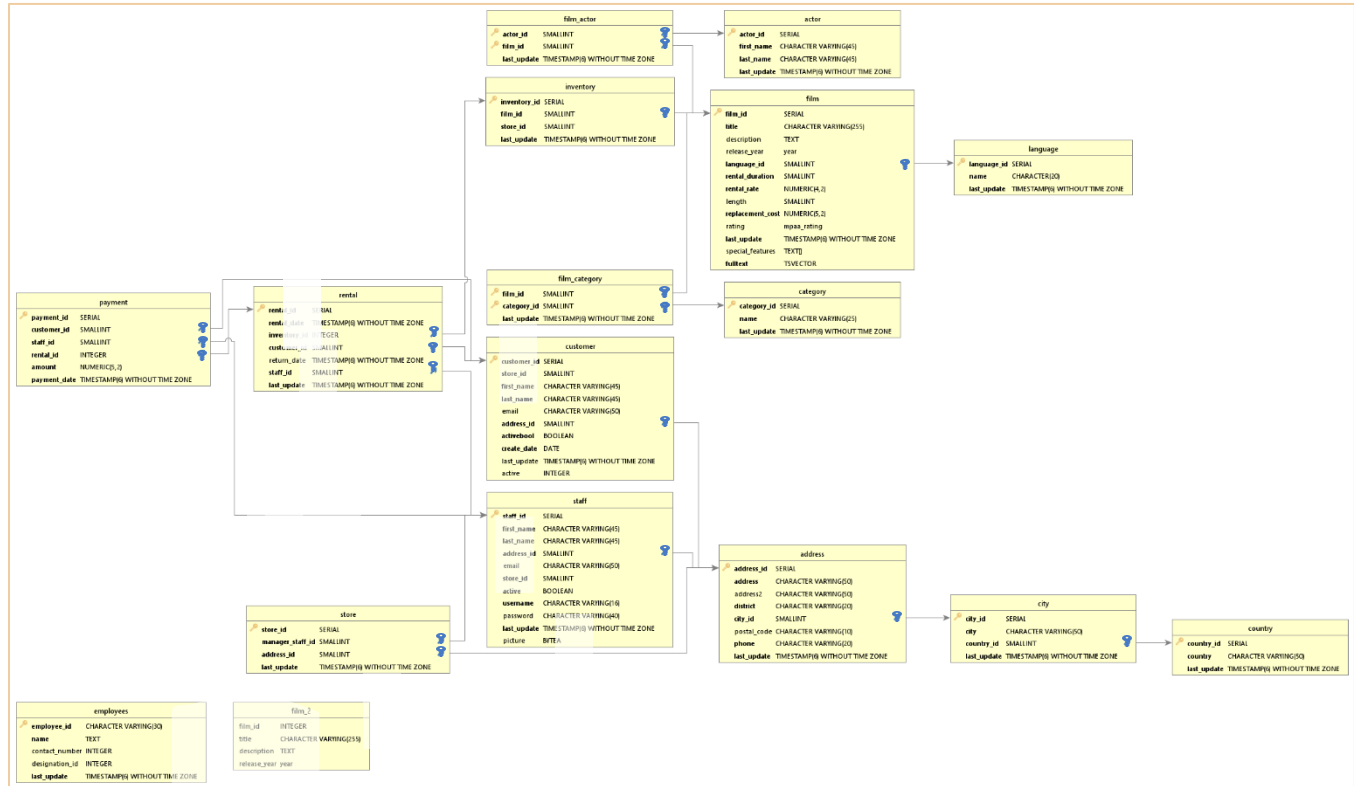
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ERD



- Primary Key
- Foreign Key
- Table connected to.
- Table connected from.

Tables

Table Payment

Columns	Name	Data type	Description / Attributes
	Payment_id	Serial	payment_pkey
	Customer_id	Smallint	payment_customer_id_fkey
	Staff_id	Smallint	payment_staff_id_fkey
	Rental_id	integer	payment_rental_id_fkey
	amount	Numeric(5,2)	Cost rental
	Payment_date	Timestamp(6) without time zone	Payment date

Linked to

Table	Name	Join	Title / Name / Description
»»	customer	payment.customer_id = customer.customer_id	customer_address_id_fkey
	-		Foreign key constraint
»»	staff	payment.staff_id = staff.staff_id	staff_address_id_fkey
			Foreign key constraint.
	rental	payment.rental_id = rental.rental_id	staff_address_id_fkey
			Foreign key constraint

Linked from

Table	Name	Join	Title / Name / Description
««	Not linked from table		
	-		

Unique Keys








Columns	Name	Data type	Description / Attributes
	Payment_id	Serial	payment_pkey
	Customer_id	Smallint	payment_customer_id_fkey
	Staff_id	Smallint	payment_staff_id_fkey
	Rental_id	integer	payment_rental_id_fkey

Table rental

Columns	Name	Data type	Description / Attributes
	rental_id	serial	rental_pkey
	rental_date	timestamp	
	inventory_id	int4	rental_inventory_id_fkey
	customer_id	int2	rental_customer_id_fkey
	return_date	timestamp	
	staff_id	int2	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	inventory	payment.customer_id = customer.customer_id	rental_inventory_id_fkey
»»	customer	rental.customer_id = customer.customer_id	rental_customer_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	payment	payment.rental_id = rental.rental_id	payment_rental_id_fkey

Unique Keys







Columns	Name	Data type	Description / Attributes
	rental_id	serial	rental_pkey
	inventory_id	int4	rental_inventory_id_fkey
	customer_id	int2	rental_customer_id_fkey

Table store

Columns	Name	Data type	Description / Attributes
	store_id	serial	store_pkey
	manager_staff_id	int2	store_manager_staff_id_fkey
	address_id	int2	store_address_id_fkey
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	address	store.store_id = address.store_id	store_address_id_fkey
»»	staff	store.manager_staff_id = staff.staff_id	store_manager_staff_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
	Not linked from table		
	-		

Unique Keys






Columns	Name	Data type	Description / Attributes
	store_id	serial	store_pkey
	manager_staff_id	int2	store_manager_staff_id_fkey
	address_id	int2	store_address_id_fkey

Table customer

Columns	Name	Data type	Description / Attributes
	customer_id	serial	customer_pkey
	store_id	int2	store_id
	first_name	varchar	first_name
	last_name	varchar	last_name
	email	varchar	email
	address_id	int2	customer_address_id_fkey
	activebool	bool	active or inactive: true/false
	create_date	date	Reg date
	last_update	timestamp	
	active	int4	

Linked to

Table	Name	Join	Title / Name / Description
»»	address	customer.address_id = address.address_id	store_address_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	payment	payment.customer_id = customer.customer_id	payment_rental_id_fkey
««	rental	rental.customer_id = customer.customer_id	rental_customer_id_fkey

Unique Keys





Columns	Name	Data type	Description / Attributes
	customer_id	serial	customer_pkey
	address_id	int2	customer_address_id_fkey

Table staff

Columns	Name	Data type	Description / Attributes
	staff_id	serial	staff_pkey
	first_name	varchar	first_name
	last_name	varchar	last_name
	address_id	int2	staff_address_id_fkey
	email	varchar	email
	store_id	int2	
	active	bool	
	username	varchar	
	password	varchar	
	last_update	timestamp	
	picture	bytea	

Linked to

Table	Name	Join	Title / Name / Description
»»	address	staff.address_id = address.address_id	staff_address_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	payment	payment.staff_id = staff.staff_id	payment_staff_id_fkey
««	rental	rental.staff_id = staff.staff_id	rental_staff_id_key

Unique Keys





Columns		Data type	Description / Attributes
	staff_id	serial	staff_pkey
	address_id	int2	staff_address_id_fkey

Table address

Columns	Name	Data type	Description / Attributes
	address_id	serial	address_pkey
	address	varchar	
	address2	varchar	
	district	varchar	
	city_id	int2	fk_address_city
	postal_code	varchar	
	phone	varchar	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	city	address.city_id = city.city_id	fk_address_city

Linked from

Table	Name	Join	Title / Name / Description
««	customer	customer.address_id = address.address_id	customer_address_id_fkey
«««	staff	staff.address_id = address.address_id	staff_address_id_fkey
«««	store	store.address_id = address.address_id	store_address_id_fkey

Unique Keys





Columns		Data type	Description / Attributes
	address_id	serial	address_pkey
	city_id	int2	fk_address_city

Table city

Columns	Name	Data type	Description / Attributes
	city_id	serial	city_pkey
	country_id	int2	fk_city

Linked to

Table	Name	Join	Title / Name / Description
»»	country	city.country_id = country.country_id	fk_city

Linked from

Table	Name	Join	Title / Name / Description
««	address	address.city_id = city.city_id	fk_address_city

Unique Keys




Columns	Name	Data type	Description / Attributes
	city_id	serial	city_pkey
	country_id	int2	country_pkey

Table country

Columns	Name	Data type	Description / Attributes
	country_id	serial	country_pkey
	country	varchar	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	Not linked to table		

Linked from

Table	Name	Join	Title / Name / Description
««	city	city.country_id = country.country_id	fk_address_city

Unique Keys



Columns	Name	Data type	Description / Attributes
	country_id	serial	country_pkey

Table actor

Columns	Name	Data type	Description / Attributes
	actor_id	serial	actor_pkey
	first_name	varchar	
	last_name	varchar	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	Not linked to table		

Linked from

Table	Name	Join	Title / Name / Description
««	film_actor	film_actor.actor_id = actor.actor_id	film_actor_actor_id_fkey

Unique Keys






Columns	Name	Data type	Description / Attributes
	actor_id	serial	actor_pkey

Table film_actor

Columns	Name	Data type	Description / Attributes
 	actor_id	int2	film_actor_pkey/film_actor_actor_id_fkey
 	film_id	int2	film_actor_pkey/film_actor_film_id_fkey
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	actor	film_actor.actor_id = actor.actor_id	film_actor_actor_id_fkey
»»	film	film_actor.film_id = actor.film_id	film_actor_film_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	Not linked to table		

Unique Keys





Columns	Name	Data type	Description / Attributes
 	actor_id	int2	film_actor_pkey/film_actor_actor_id_fkey
 	film_id	int2	film_actor_pkey/film_actor_film_id_fkey

Table film

Columns	Name	Data type	Description / Attributes
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🔑	film_id	serial	film_pkey
	title	varchar	
	description	text	
	release_year	year	
🔑	language_id	int2	film_language_id_fkey
	rental_duration	int2	
	rental_rate	numeric	
	length	int2	
	replacement_cost	numeric	
	rating	mpaa_rating	
	last_update	timestamp	
	special_features	_text	
	fulltext	tsvector	

Linked to

Table	Name	Join	Title / Name / Description
»»	language	film.language_id = language.language_id	film_language_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	film_actor	film_actor.film_id = film.film_id	film_actor_film_id_fkey
««	inventory	inventory.film_id = film.film_id	inventory_film_id_fkey
««	film_category	film_category.film_id = film.film_id	film_category_film_id_fkey

Unique Keys

Columns	Name	Data type	Description / Attributes
🔑	film_id	serial	film_pkey
🔑	language_id	int2	film_language_id_fkey

Table category

Columns	Name	Data type	Description / Attributes
🔑	category_id	serial	category_pkey
	name	varchar	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	Not linked to table		

Linked from

Table	Name	Join	Title / Name / Description
««	film_category	film_category.category_id = category.category_id	film_category_category_id_fk ey

Unique Keys

Columns	Name	Data type	Description / Attributes
🔑	category_id	serial	category_pkey

Table film_category

Columns	Name	Data type	Description / Attributes
🔑 🔑	film_id	int2	film_category_pkey/film_category_film_id_fkey
🔑 🔑	category_id	int2	film_category_pkey/film_category_category_id_fkey
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	film	film_category.film_id = film.film_id	film_category_film_id_fkey
»»	category	film_category.category_id = film.category_id	film_category_category_id_fk ey

Linked from

Table	Name	Join	Title / Name / Description
««	Not linked from table		

Unique Keys







Columns	Name	Data type	Description / Attributes
 	film_id	int2	film_category_pkey/film_category_film_id_fkey
 	category_id	int2	film_category_pkey/film_category_category_id_fkey

Table inventory

Columns	Name	Data type	Description / Attributes
	inventory_id	serial	inventory_pkey
	film_id	int2	inventory_film_id_fkey
	store_id	int2	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	film	inventory..film_id = film.film_id	inventory_film_id_fkey

Linked from

Table	Name	Join	Title / Name / Description
««	rental	rental.inventory_id = inventory.inventory_id	rental_inventory_id_fkey

Unique Keys




Columns	Name	Data type	Description / Attributes
	inventory_id	serial	inventory_pkey
	film_id	int2	inventory_film_id_fkey

Table language

Columns	Name	Data type	Description / Attributes
	language_id	serial	language_pkey
	name	bpchar	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	Not linked to table		

Linked from

Table	Name	Join	Title / Name / Description
««	film	inventory..film_id = film.film_id	inventory_film_id_fkey

Unique Keys

Columns	Name	Data type	Description / Attributes
🔑	language_id	serial	language_pkey

Table employee

Columns	Name	Data type	Description / Attributes
🔑	employee_id	varchar	employee_pkey
	name	text	
	contact_number	int4	
	designation_id	int4	
	last_update	timestamp	

Linked to

Table	Name	Join	Title / Name / Description
»»	Not linked to table		

Linked from

Table	Name	Join	Title / Name / Description
««	Not linked from table		

Unique Keys

Columns	Name	Data type	Description / Attributes
🔑	employee_id	varchar	employee_pkey

