

Rockbuster Stealth LLC

Data Dictionary

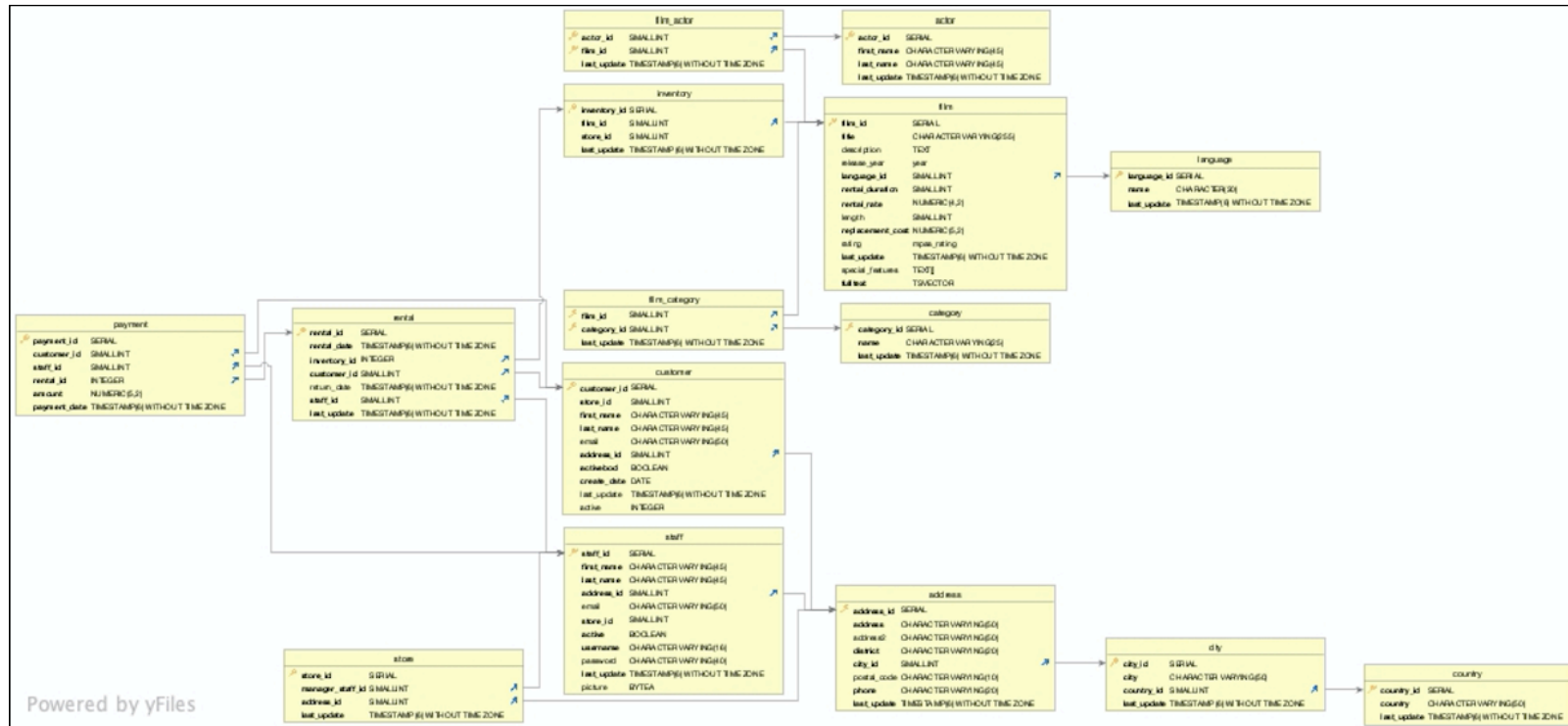
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1. Entity Relationship Diagram







2. Legend

Symbol	Name	Description
	Primary Key	Column that acts as a unique identify for records in a table
	Foreign Key	Column, or set of columns, that refers to the primary key in another table


3.1 Fact table: rental

Key	Links From	Column	Data Type	Description	Links to
	Payment	rental_id	Serial	Number assigned to rental	
		rental_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of rental	
		inventory_id	INTEGER	Number assigned to item in the table	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	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	



3.2 Fact table: payment

Key	Links from	Column	Data Type	Description	Links to
		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 (5,2)	Amount paid	
		payment_date	TIMESTAMP(6) WITHOUT TIMEZONE	Date of payment	




4.1 Dimension table: actor

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


4.2 Dimension table: film

Key	Links from	Column	Data Type	Description	Links to
	Inventory	film_id	SERIAL	Number assigned to film	
		title	CHARACTERVARYING(45)	Title of film	
		description	TEXT	Description of film	
		release_year	year	Release year of film	
		language_id	SMALLINT	Number assigned to film language	Language
		rental_duration	SMALLINT	Length of film rental	
		rental_rate	NUMERIC(4,2)	Price of film	
		length	SMALLINT	Length of film	
		replacement_cost	NUMERIC(5,2)	Cost of replace of film	
		rating	mpaa_rating	Film rating	
		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	





4.3 Dimension table: store

Key	Links from	Column	Data Type	Description	Links to
		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	Staff, Address, customer
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	



4.4 Dimension table: language

Key	Links from	Column	Data Type	Description	Links to
		language_id	SERIAL	Number assigned to language	
		name	CHARACTERVARYING(20)	Name of language	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

4.5 Dimension table: film_category



Key	Links from	Column	Data Type	Description	Links to
 	film_actor, inventory	film_id	SMALLINT	Number assigned to film	film_actor, inventory
 		category_id	SMALLINT	Number assigned to genre/category	Category
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

4.6 Dimension table: customer





Key	Links from	Column	Data Type	Description	Links to
	Payment, rental	customer_id	SERIAL	Number assigned to customer	
		store_id	SMALLINT	Number assigned to store	
		first_name	CHARACTERVARYING(50)	First name of customer	
		last_name	CHARACTERVARYING(45)	Last name of customer	
		email	CHARACTERVARYING(50)	Email address of customer	
		address_id	SMALLINT	Number assigned to customer's address	Address
		activebool	BOOLEAN	Customer's active status	
		create_date	DATE	Date entry was created	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

		active	INTGER	Customer's active status	
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4.7 Dimension table: staff

Key	Links from	Column	Data Type	Description	Links to
	Payment, rental, store	staff_id	SERIAL	Number assigned to employee	
		first_name	CHARACTERVARYING(45)	First name of employee	
		last_name	CHARACTERVARYING(45)	Last name of employee	
		address_id	SMALLINT	Number assigned to employee's address	Customer, store, address
		email	CHARACTERVARYING(50)	Email address of employee	
		store_id	SMALLINT	Number assigned to store	
		active	BOOLEAN	Employee active status	
		username	CHARACTERVARYING(16)	Username of employee	
		password	CHARACTERVARYING(40)	Password of employee	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	
		picture	BYTEA	Picture of employee	


4.8 Dimension table: film_actor

Key	Links from	Column	Data Type	Description	Links to
 		actor_id	SMALLINT	Number assigned to actor	Actor
 	Inventory, film-category	film_id	SMALLINT	Number assigned to film	Inventory, film_category
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	



4.9 Dimension table: inventory

Key	Links from	Column	Data Type	Description	Links to
	Rental	inventory_id	SERIAL	Number assigned to item	
		film_id	SMALLINT	Number assigned to film	Film, film_actor, film_category
		store_id	SMALLINT	Number assigned to store	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	



4.10 Dimension table: category

Key	Column	Data Type	Description
	category_id	SERIAL	Number assigned to film category
	name	CHARACTERVARYING(20)	Name of language
	last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated


4.11 Dimension table: address

Key	Links from	Column	Data Type	Description	
	customer, staff, store	address_id	SERIAL	Number assigned to address	
		address	CHARACTERVARYING(50)	Street address	
		address2	CHARACTERVARYING(50)	Supplementary street address	
		district	CHARACTERVARYING(20)	District	
		city_id	SMALLINT	Number assigned to City	City
		postal_code	CHARACTERVARYING(10)	Postal code	
		phone	CHARACTERVARYING(20)	Phone number	
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

4.12 Dimension table: city

Key	Links from	Column	Data Type	Description	Links to
	Address	city_id	SERIAL	Number assigned to city	
		city	CHARACTERVARYING(20)	Name of city	
		country_id	SMALLINT	Number assigned to country	country
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated	

4.13 Dimension table: country

Key	Links from	Column	Data Type	Description
	City	country_id	SERIAL	Number assigned to country
		country	CHARACTERVARYING(50)	Name of country
		last_update	TIMESTAMP(6) WITHOUT TIMEZONE	Date entry was last updated

