

Rockbuster Stealth LLC

Data Dictionary



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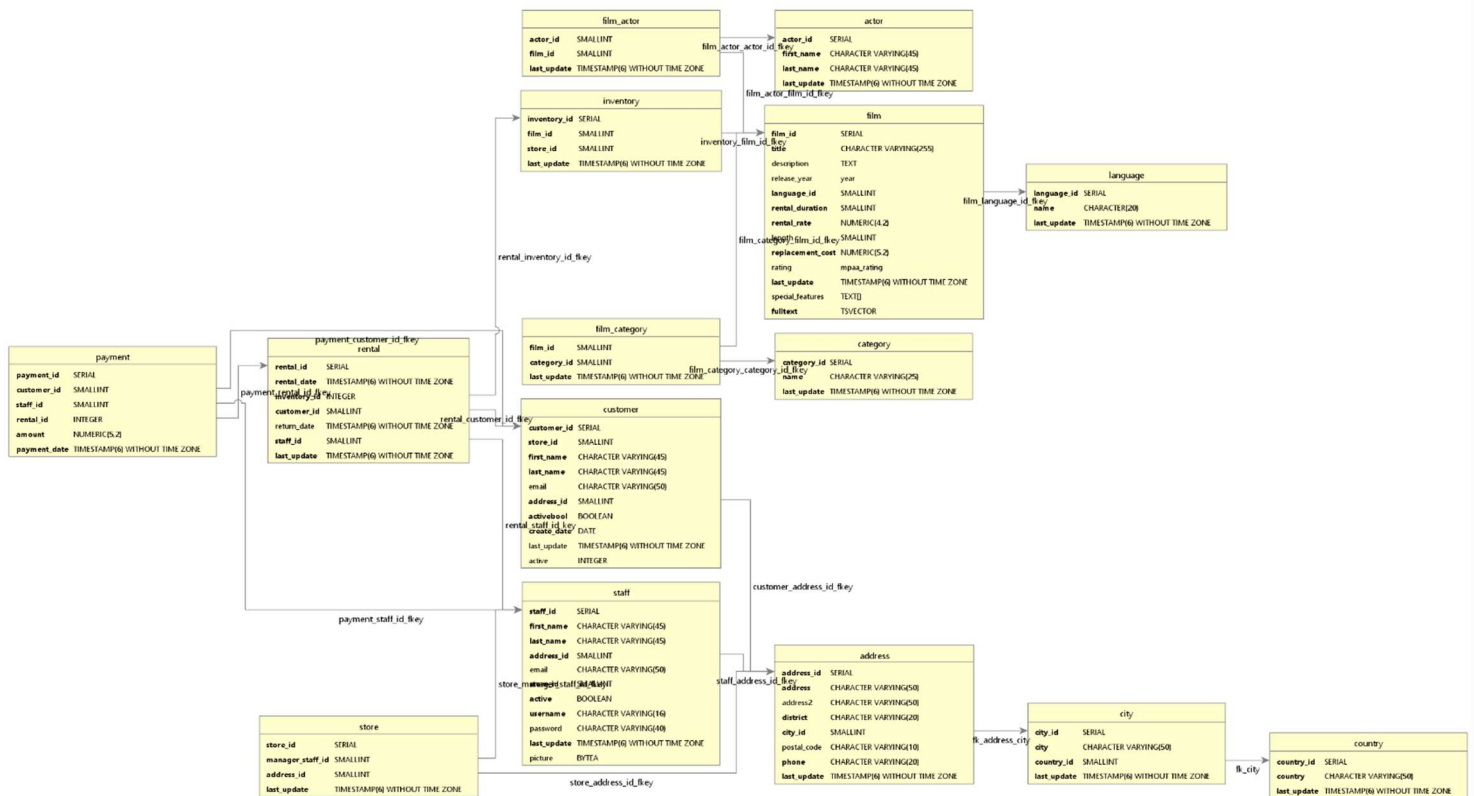
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2. ERD (Entity Relationship Diagram)



3. Tables

3.1. Payment

		Name of the Table	payment		
		Type of Table	FACT		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	payment_id	integer	ID# of payment		
Foreign	customer_id	smallint	ID # of customer		customer
Foreign	staff_id	smallint	ID # of staff		staff
Foreign	rental_id	integer	ID # of rental		rental
	amount	numeric (5,2)	Value of payment		
	payment_date	timestamp(6) without time zone	last update of data entry		

3.2. Rental

		Name of the Table	rental		
		Type of Table	FACT		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	rental_id	serial	ID # of rental	payment	
	rental_date	timestamp(6) without time zone	last update of data entry		
Foreign	inventory_id	integer	ID # of inventory		inventory
Foreign	customer_id	smallint	ID # of customer		customer
	renturn_date	timestamp(6) without time zone	last update of data entry		
Foreign	staff_id	smallint	ID # of staff		staff
	last_update	timestamp(6) without time zone	last update of data entry		

3.3. Actor

		Name of the Table	actor		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	actor_id	serial	ID# of 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 time zone	last update of data entry		

3.4. Address

		Name of the Table	address		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	address_id	serial	ID# store location	store, staff, customer	
	address	character varying (50)	address of store location		
	address2	character varying (50)	address2 of store location		
	district	character varying (20)	district of store location		
Foreign	city_id	smallint	city ID# of store location		city
	postal_code	character varying (10)	postal code of city ID# of store location		
	phone	character varying (20)	phone# of store		
	last_update	timestamp(6) without time zone	last update of data entry		

3.5. Category

		Name of the Table	category		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	category_id	serial	ID# of film category	film_category	
	name	character varying (25)	film category name		
	last_update	timestamp(6) without time zone	last update of data entry		

3.6. City

		Name of the Table	city		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	city_id	serial	ID# of city of store	address	
	city	character varying (50)	city name of store		
Foreign	country_id	smallint	ID# of country of store		country
	last_update	timestamp(6) without time zone	last update of data entry		

3.7. Country

		Name of the Table	country		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	country_id	serial	ID# of country of store	city	
	country	character varying (50)	country name of store		
	last_update	timestamp(6) without time zone	last update of data entry		

3.8. Customer

		Name of the Table	customer		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	customer_id	serial	ID# of customer	rental, payment	
	store_id	smallint	ID# of store		
	first_name	character varying (45)	first name of customer		
	last_name	character varying (45)	last name of customer		
	email	character varying (50)	email address of customer		
Foreign	address_id	Serial	ID# of address of customer		address
	activebool	boolean	customer active member or not		
	create_date	date	membership creation date of customer		
	last_update	timestamp(6) without time zone	last update of data entry		
	active	serial	customer active or not		

3.9. Film

		Name of the Table	film		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	film_id	serial	ID# of film	inventory, film_category, film_actor	
	title	character varying (255)	title of film		
	description	text	description of film		
	release_year	serial	year of release of film		
Foreign	language_id	smallint	ID# of language of film		language
	rental_duration	smallint	duration of film rental in days		
	rental_rate	numeric (4,2)	price of rental of film		
	length	smallint	duration of film in minutes		
	replacement_cost	numeric (5,2)	cost of film in case of replacement		
	rating	mpaa_rating	rating according age restriction		
	last_update	timestamp(6) without time zone	last update of data entry		
	special_features	text	special features (e.g. behind the scenes)		
	fulltext	tsvector	tags		

3.10. Film Actor

		Name of the Table	film_actor		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	actor_id	smallint	ID# of actor		actor
Foreign	film_id	smallint	ID# of film		film
	last_update	timestamp(6) without time zone	last update of data entry		

3.11. Film Category

		Name of the Table	film_category		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	film_id	smallint	ID# of film		film
Foreign	category_id	smallint	ID# of category		category
	last_update	timestamp(6) without time zone	last update of data entry		

3.12. Inventory

		Name of the Table	inventory		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	inventory_id	serial	ID# of inventory	rental	
foreign	film_id	smallint	ID# of film		film
	store_id	smallint	ID# of store		
	last_update	timestamp(6) without time zone	last update of data entry		

3.13. Language

		Name of the Table	language		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	language_id	smallint	ID# of language	film	
	name	character varying (20)	name of language		
	last_update	timestamp(6) without time zone	last update of data entry		

3.14. Payment

		Name of the Table	payment		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	payment_id	serial	ID# of payment		
Foreign	customer_id	smallint	ID# of customer		customer
Foreign	staff_id	smallint	ID# of staff		staff
Foreign	rental_id	serial	ID# of rental		rental
	amount	numeric (5,2)	amount of payment		
	payment_date	timestamp(6) without time zone	last update of data entry		

3.15. Staff

		Name of the Table	staff		
		Type of Table	DIMENSION		
Key Type	Columns	Data Type	Description	Link FROM	Link TO
Primary	staff_id	serial	ID# of staff	store, rental, payment	
	first_name	character varying (45)	first name of staff		
	last_name	character varying (45)	last name of staff		
Foreign	address_id	smallint	ID# of address		address
	email	character varying (50)	email address of staff		
	store_id	smallint	ID# of store		
	active	boolean	staff currently employed or not		
	username	character varying (16)	username of staff		
	password	character varying (40)	password of staff		
	last_update	timestamp(6) without time zone	last update of data entry		
	picture	bytea	profile picture of staff		