



ROCKBUSTER STEALTH LLC. DATA DICTIONARY

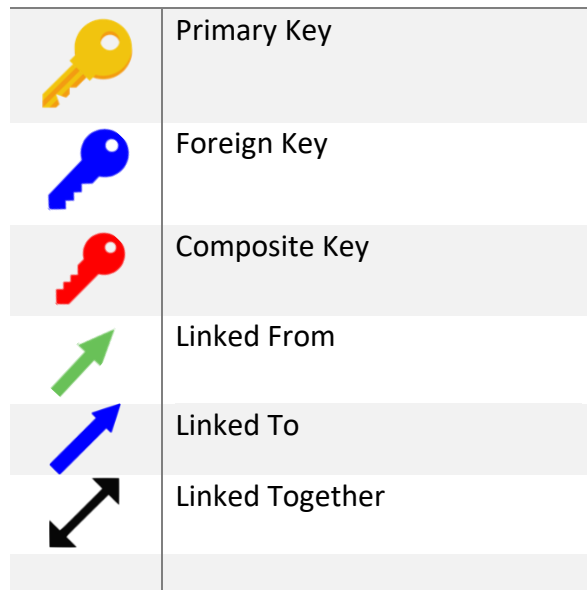
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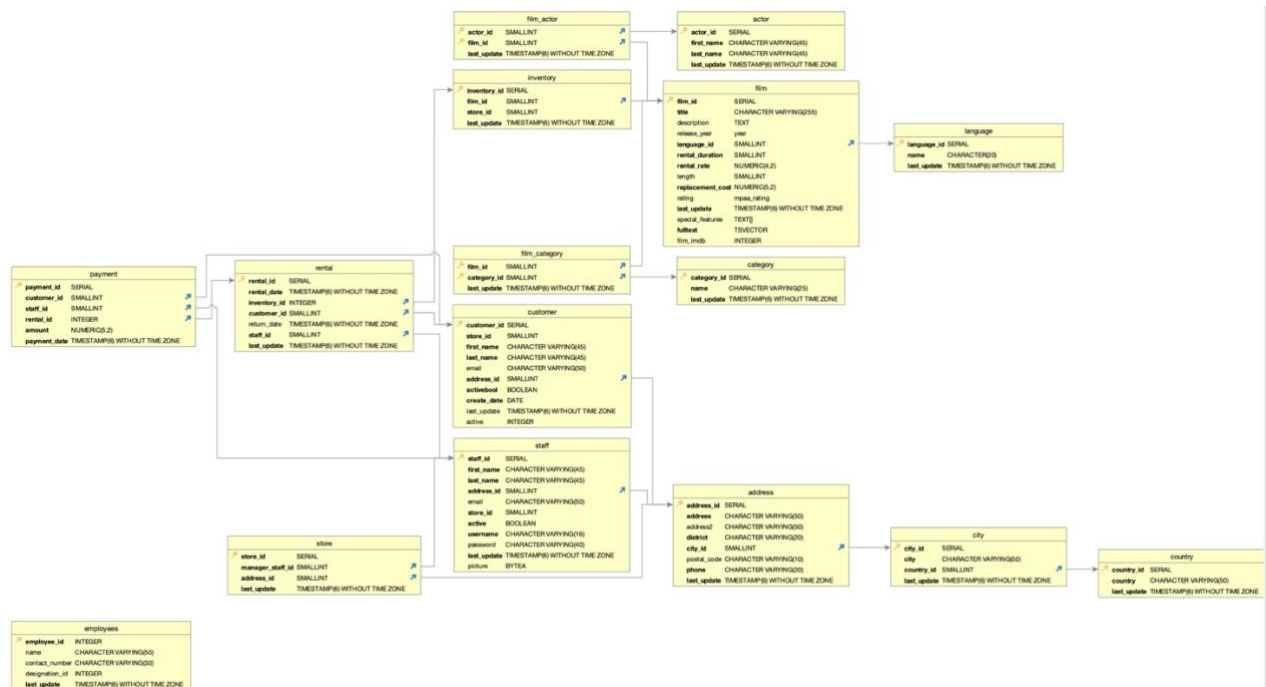
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I. Legend




II. Entity Relationship Diagram



III. Data Dictionary



3.1 actor

	Columns	Data Type	Description
	actor_id	SERIAL	Primary key; Unique serial number assigned to actor or cast
	first_name	CHARACTER VARYING(45)	Given name of actor
	last_name	CHARACTER VARYING(45)	Surname of actor
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on actor's record

Linked from

	Table	Key Type	Join
	film_actor	Primary	film_actor.actor_id = actor.actor_id

3.2 address


	Columns	Data Type	Description
	address_id	SERIAL	Primary key; Unique serial number assigned to address or location
	address	CHARACTER VARYING(50)	Full details of the main address or location
	address2	CHARACTER VARYING(50)	Full details of the alternative address or location
	district	CHARACTER VARYING(20)	Exact district name
	city_id	SMALLINT	Unique character assigned to city
	active	BOOLEAN	Status of employment
	postal_code	CHARACTER VARYING(10)	Unique postal code of address
	phone	CHARACTER VARYING(20)	Mobile number of the account holder
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on address record

Linked from


	Table	Key Type	Join
	store	Foreign	store.address_id = address.address_id

	staff	Foreign	staff.address_id = address.address_id
	customer	Foreign	customer.address_id = address.address_id


Linked to

	Table city	Key Type Foreign	Join address.city_id = city.city_id
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3.3 category

	Columns	Data Type	Description
	category_id	SERIAL	Primary key; Unique serial number assigned to category or genre
	name	CHARACTER VARYING(25)	Genre or category type
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on category's record

Linked from

	Table film_category	Key Type Foreign	Join film_category.category_id = category.category_id
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3.4 city

	Columns	Data Type	Description
	city_id	SERIAL	Primary key; Unique serial number assigned to city
	city	CHARACTER VARYING(50)	Actual name of the city
	country_id	SMALLINT	Unique code or character assigned to country
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on city's record


Linked from

	Table address	Key Type Foreign	Join address.city_id = city.city_id
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Linked to

	Table	Key Type	Join
	country	Primary	city.country_id = country.country_id



3.5 country

	Columns	Data Type	Description
	country_id	SERIAL	Primary key; Unique serial number assigned to country
	country	CHARACTER VARYING(50)	Actual country
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on country record



Linked from

	Table	Key Type	Join
	city	Foreign	city.country_id = country.country_id


3.6 customer

	Columns	Data Type	Description
	customer_id	SERIAL	Primary key; Unique serial number assigned to client or patron
	store_id	SMALLINT	Unique number to branch
	first_name	CHARACTER VARYING(45)	Given name of customer
	last_name	CHARACTER VARYING(45)	Surname of customer
	email	CHARACTER VARYING(50)	Email address of customer
	address_id	SMALLINT	ID for address of customer
	activebool	BOOLEAN	Status of membership
	create_date	DATE	Date of membership/account activation
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on customer's record
	active	INTEGER	Status of account


Linked from

	Table	Key Type	Join
	rental	Foreign	rental.customer_id = customer.customer_id
	payment	Foreign	payment.customer_id = customer.customer_id



Linked to

	Table	Key Type	Join
	address	Primary	customer.address_id = address.address_id




3.7 employees

	Columns	Data Type	Description
	employee_id	SERIAL	Unique serial number assigned to identify employee
	name	CHARACTER VARYING(50)	Given name of employee
	contact_number	CHARACTER VARYING(30)	Mobile or telephone of employee
	Designation_id	INTEGER	Position of employee
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on customer's record

3.8 film


	Columns	Data Type	Description
	film_id	SERIAL	Unique serial number assigned to movie
	title	CHARACTER VARYING(255)	Official name or title of movie
	description	TEXT	Synopsis of the movie
	release_year	year	Year when movie was first released
	language_id	SMALLINT	Unique code or number for language used in the movie
	rental_duration	SMALLINT	Period or duration of rent allowed for item
	rental_rate	NUMERIC(4,2)	Number of times item can be rented
	length	SMALLINT	Running time of movie
	rating	mpaa_rating	Suitability of age of viewing
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on film record
	Special_features	TEXT	Additional segments in the movie
	fulltext	TSVECTOR	Index of director, cast, other information about the movie

Linked from



	Table	Key Type	Join
	inventory	Foreign	inventory.film_id = film.film_id
	film_category	Primary	film_category.film_id = film.film_id
	film_actor	Foreign	film_actor.film_id = film.film_id

Linked to



	Table	Key Type	Join
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	language	Primary	film.language_id = language.language_id
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3.9 film_actor

	Columns	Data Type	Description
	actor_id	SMALLINT	Unique number to actor or cast
	film_id	SMALLINT	Key; Unique number assigned to movie
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on actor's record



Linked together

	Table	Key Type	Join
	actor	Primary/Foreign	film_actor.actor_id = actor.actor_id
	film	Primary	film_actor.film_id = film.film_id



3.10 film_category

	Columns	Data Type	Description
	film_id	SMALLINT	Unique number assigned to movie
	category_id	SMALLINT	Unique number to genre or movie type
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on film category record

Linked together


	Table	Key Type	Join
	film	Primary	film_category.film_id = film.film_id
	category	Primary	film_category.category_id = category.category_id

3.11 inventory

	Columns	Data Type	Description
	inventory_id	INTEGER	Unique number on the recorded transaction or activity
	film_id	SMALLINT	Unique number assigned to movie
	store_id	SMALLINT	Unique number to branch

	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on inventory record
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Linked from

	Table	Key Type	Join
	rental	Foreign	rental.inventory_id = inventory.inventory_id

Linked to

	Table	Key Type	Join
	film	Primary	inventory.film_id = film.film_id





3.12 language

	Columns	Data Type	Description
	language_id	SERIAL	Unique serial number assigned to language
	name	CHARACTER(20)	Actual language used
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on language record

Linked from




	Table	Key Type	Join
	film	Foreign	film.language_id = language.language_id

3.13 payment





	Columns	Data Type	Description
	payment_id	SERIAL	Primary key; Unique serial number assigned to expense
	customer_id	SMALLINT	Unique number assigned to client or patron who paid the transaction
	staff_id	SMALLINT	Unique number assigned to employee who accepted the payment
	rental_id	INTEGER	Unique number series assigned to transaction
	amount	NUMERIC(5,2)	Total value of transaction
	payment_date	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when transaction took place

Linked to

	Table	Key Type	Join
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	customer	Primary	payment.customer_id = customer.customer_id
	staff	Primary	payment.staff_id = staff.staff_id
	rental	Primary	payment.rental_id = rental.rental_id




3.14 rental

	Columns	Data Type	Description
	rental_id	SERIAL	Unique serial number assigned to rent transaction
	rental_date	TIMESTAMP(6)WITHOUT TIME ZONE	Time when transaction took place
	inventory_id	INTEGER	Unique number on the recorded transaction or activity
	customer_id	SMALLINT	Unique number assigned to client or patron
	Return_date	TIMESTAMP(6)WITHOUT TIME ZONE	Time when item was returned
	staff_id	SMALLINT	Unique number assigned to employee who checked out item
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on rental record


Linked from


	Table	Key Type	Join
	payment	Foreign	payment.rental_id = rental.rental_id

Linked to




	Table	Key Type	Join
	inventory	Primary	rental.inventory_id = inventory.inventory_id
	customer	Primary	rental.customer_id = customer.customer_id
	staff	Primary	rental.staff_id = staff.staff_id

3.15 staff

	Columns	Data Type	Description
	staff_id	SERIAL	Unique serial number assigned to employee
	first_name	CHARACTER VARYING(45)	Given name of employee
	last_name	CHARACTER VARYING(45)	Surname of employee

	address_id	SMALLINT	ID for address of employee
	email	CHARACTER VARYING(50)	Email address of employee
	store_id	SMALLINT	Unique number to branch where employee works
	active	BOOLEAN	Status of employment
	username	CHARACTER VARYING(16)	Unique name of the employee used internally in company systems
	password	CHARACTER VARYING(40)	Unique key to protect employee account
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on employee's records
	picture	BYTEA	Headshot image of employee




Linked from

	Table	Key Type	Join
	store	Foreign	store.manager_staff_id = staff.staff_id
	rental	Foreign	rental.staff_id = staff.staff_id
	payment	Foreign	payment.staff_id = staff.staff_id


Linked to


	Table	Key Type	Join
	address	Primary	staff.address_id = address.address_id

3.16 store

	Columns	Data Type	Description
	store_id	SERIAL	Unique serial number to branch
	manager_staff_id	SMALLINT	Unique number assigned to branch manager
	address_id	SMALLINT	ID for location of branch
	last_update	TIMESTAMP(6)WITHOUT TIME ZONE	Date/time when changes took place on store details

Linked to

	Table	Key Type	Join
	staff	Foreign	store.manager_staff_id = staff.staff_id

	address	Primary	store.address_id = address.address_id
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