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DATA DICTIONARY



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Table of Contents & Entity Relationship Diagram

T.O.C. & E.R.D.2

Fact Tables.....3

Payment Table.....3

Rental Table.....3

Dimension Tables...4-11

Actor Table.....4

Address Table.....4

Category Table.....5

City Table.....5

Country Table.....6

Customer Table.....6

Film Table.....7

Film_Actor Table.....8

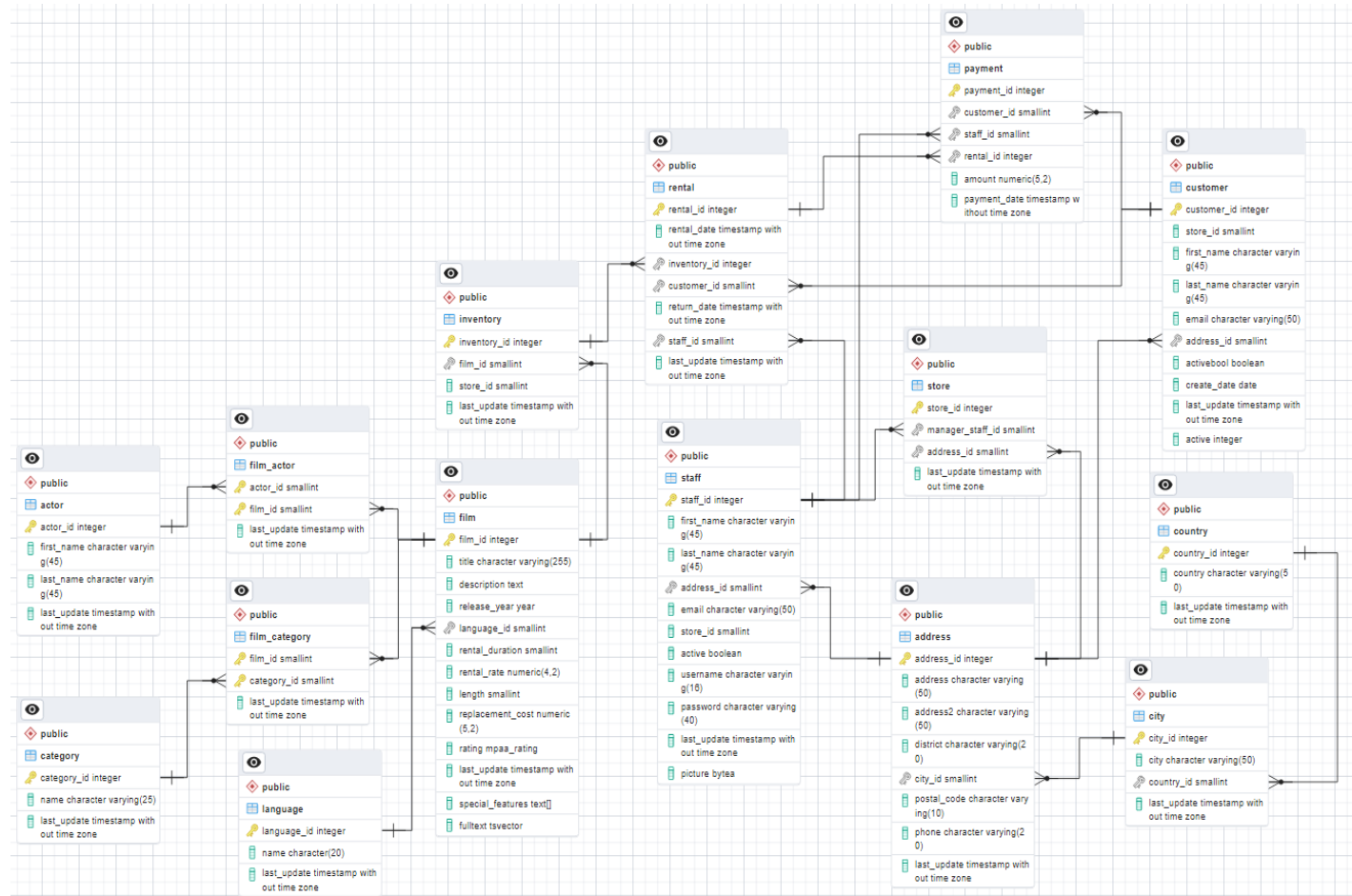
Film_Category Table....8

Inventory Table.....9

Language Table.....9

Staff Table.....10

Store Table.....11



FACT TABLES

PAYMENT

<i>Column</i>	<i>Key</i>	<i>Data Type</i>	<i>Description</i>
<i>Amount</i>	<i>Null</i>	Numeric	Payment amount
<i>Customer_id</i>	Foreign	Small Integer	Unique identifier for customers
<i>Payment_date</i>	<i>Null</i>	Timestamp without time zone	Payment date and time
<i>Payment_id</i>	Primary	Integer	Unique identifier for payments
<i>Rental_id</i>	Foreign	Integer	Unique identifier for rentals
<i>Staff_id</i>	Foreign	Small Integer	Unique identifier for staff

<i>Links to</i>	<i>Join</i>
<i>Rental</i>	Payment.rental_id = Rental.rental_id
<i>Customer</i>	Payment.customer_id = Customer.customer_id
<i>Staff</i>	Payment.staff_id = Staff.staff_id

RENTAL

<i>Column</i>	<i>Key</i>	<i>Data Type</i>	<i>Description</i>
<i>Customer_id</i>	Foreign	Small Integer	Unique identifier for customers
<i>Inventory_id</i>	Foreign	Integer	Unique identifier for inventory
<i>Last_update</i>	<i>Null</i>	Timestamp without time zone	Most recent data update date and time
<i>Rental_date</i>	<i>Null</i>	Timestamp without time zone	Rental withdrawal date and time
<i>Rental_id</i>	Primary	Integer	Unique identifier for rentals
<i>Return_date</i>	<i>Null</i>	Timestamp without time zone	Rental deposit date and time
<i>Staff_id</i>	Foreign	Small Integer	Unique identifier for staff

<i>Links to</i>	<i>Join</i>
<i>Inventory</i>	Rental.inventory_id = Inventory.inventory_id
<i>Customer</i>	Rental.customer_id = Customer.customer_id
<i>Staff</i>	Rental.staff_id = Staff.staff_id

<i>Links from</i>	<i>Join</i>
<i>Payment</i>	Rental.rental_id = Payment.rental_id

DIMENSION TABLES

Actor

Column	Key	Data Type	Description
<i>Actor_id</i>	Primary	Integer	Unique identifier for actor
<i>First_name</i>	Null	Character Varying	First name of actor
<i>Last_name</i>	Null	Character Varying	Last name of actor
<i>Last_update</i>	Null	Timestamp without time zone	Most recent update date and time

Links from Join

<i>Film_actor</i>	Actor.actor_id = Film_actor.actor_id
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Address

Column	Key	Data Type	Description
<i>Address</i>	Null	Character varying	Address line 1
<i>Address2</i>	Null	Character varying	Address line 2
<i>Address_id</i>	Primary	Integer	Unique identifier for address
<i>District</i>	Null	Character varying	District of Address
<i>City_id</i>	Foreign	Foreign	Unique identifier for city
<i>Postal_code</i>	Null	Character varying	Zip code of address
<i>Phone</i>	Null	Character varying	Phone number of address
<i>Last_Update</i>	Null	Timestamp without time zone	Most recent update date and time

Links to Join

<i>City</i>	Address.city_id = City.city_id
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Links from Join

<i>Customer</i>	Address.address_id = Customer.address_id
<i>Staff</i>	Address.address_id = Staff.address_id
<i>Store</i>	Address.address_id = Store.address_id

Category

Column	Key	Data Type	Description
<i>Category_id</i>	Primary	Integer	Unique identifier for category
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>Name</i>	<i>Null</i>	Character varying	Name of category

Links from **Join**

<i>Film_category</i>	Category.category_id = film_category.category_id
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City

Column	Key	Data Type	Description
<i>City</i>	<i>Null</i>	Character varying	Name of city
<i>City_id</i>	Primary	Integer	Unique identifier for city
<i>Country_id</i>	Foreign	Small Integer	Unique identifier for country
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time

Links to **Join**

<i>Country</i>	City.country_id = country.country_id
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Links from **Join**

<i>Address</i>	City.city_id = address.city_id
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Country

Column	Key	Data Type	Description
Country	Null	Character varying	Name of country
Country_id	Primary	Small Integer	Unique identifier for country
Last_Update	Null	Timestamp without time zone	Most recent update date and time

Links from Join

City	Country.country_id = city.country_id
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Customer

Column	Key	Data Type	Description
Active	Null	Integer	Status of customer account
Activebool	Null	Boolean	Boolean status of customer account
Address_id	Foreign	Small Integer	Unique identifier for address
Create_date	Null	Timestamp without time zone	Profile creation date and time
Customer_id	Primary	Integer	Unique identifier for customer
Email	Null	Character varying	Email of customer
First_name	Null	Character varying	First name of customer
Last_name	Null	Character varying	Last name of customer
Last_Update	Null	Timestamp without time zone	Most recent update date and time
Store_id	Null	Small Integer	Unique identifier for store

Links To Join

Address	Customer.address_id = address.address_id
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Links from Join

Payment	Customer.customer_id = payment.customer_id
Rental	Customer.customer_id = rental.customer_id

Film

Column	Key	Data Type	Description
<i>Description</i>	<i>Null</i>	Text	Description of film
<i>Film_id</i>	Primary	Integer	Unique identifier for film
<i>Fulltext</i>	<i>Null</i>	Tsvector	Full text index
<i>Language_id</i>	Foreign	Small integer	Unique identifier for language of film
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>Length</i>	<i>Null</i>	Small integer	Length of film
<i>Rating</i>	<i>Null</i>	Mpaa rating	Rating of film
<i>Release_year</i>	<i>Null</i>	Integer	Year of film release
<i>Rental_duration</i>	<i>Null</i>	Small integer	Duration of film rental
<i>Rental_rate</i>	<i>Null</i>	Numeric	Rate of film rental
<i>Replacement_cost</i>	<i>Null</i>	Numeric	Cost to replace film
<i>Special_features</i>	<i>Null</i>	Array	Special features included on film
<i>Title</i>	<i>Null</i>	Character varying	Title of film

Links to Join

<i>Language</i>	Film.language_id = language.language_id
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Links from Join

<i>Film_actor</i>	Film.film_id = film_actor.film_id
<i>Inventory</i>	Film.film_id = inventory.film_id
<i>Film_category</i>	Film.film_id = film_category.film_id

Film_actor

Column	Key	Data Type	Description
Actor_id	Foreign, Primary	Small Integer	Unique identifier for actor
Film_id	Foreign, Primary	Small Integer	Unique identifier for film
Last_Update	Null	Timestamp without time zone	Most recent update date and time

Links to	Join
Actor_id	Film_actor.actor_id = actor.actor_id
Film	Film_actor.film_id = film.film_id

Film-category

Column	Key	Data Type	Description
Category_id	Foreign, Primary	Small Integer	Unique identifier for category
Film_id	Foreign, Primary	Small Integer	Unique identifier for film
Last_Update	Null	Timestamp without time zone	Most recent update date and time

Links to	Join
Film	Film_category.film_id = film.film_id
Category	Film_category.category_id = category.category_id

Inventory

Column	Key	Data Type	Description
<i>Film_id</i>	Foreign	Small Integer	Unique identifier for film
<i>Inventory_id</i>	Primary	Integer	Unique identifier for inventory
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>store_id</i>	<i>Null</i>	Small Integer	Unique identifier for store

Links to Join

<i>Film</i>	Inventory.film_id = film.film_id
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Links from Join

<i>Rental</i>	Inventory.inventory_id = rental.inventory_id
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Language

Column	Key	Data Type	Description
<i>Language_id</i>	Primary	Integer	Unique identifier for language
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>Name</i>	<i>Null</i>	Small Integer	Name of language

Links from Join

<i>Film</i>	Language.language_id = film.language_id
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Staff

Column	Key	Data Type	Description
<i>Active</i>	<i>Null</i>	Boolean	Boolean status of staff account
<i>Address_id</i>	Foreign	Small Integer	Unique identifier for address
<i>Email</i>	<i>Null</i>	Character varying	Email of staff member
<i>First_name</i>	<i>Null</i>	Character varying	First name of staff member
<i>Last_name</i>	<i>Null</i>	Character varying	Last name of staff member
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>Password</i>	<i>Null</i>	Character varying	Password of staff member
<i>Picture</i>	<i>Null</i>	Bytea	Picture of staff member
<i>Staff_id</i>	Primary	Integer	Unique identifier for staff member
<i>Store_id</i>	Foreign	Small Integer	Unique identifier for store
<i>Username</i>	<i>Null</i>	Character varying	Username for staff member

Links to Join

<i>Address</i>	Staff.address_id = address.address_id
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Links from Join

<i>Rental</i>	Staff.staff_id = rental.staff_id
<i>Payment</i>	Staff.staff_id = payment.staff_id
<i>Store</i>	Staff.staff_id = store.manager_staff_id

Store

Column	Key	Data Type	Description
<i>Address_id</i>	Foreign	Small Integer	Unique identifier for address
<i>Last_Update</i>	<i>Null</i>	Timestamp without time zone	Most recent update date and time
<i>Manager_staff_id</i>	Foreign	Integer	Unique identifier for staff member
<i>Store_id</i>	<i>Primary</i>	Small Integer	Store number

Links to	Join
<i>Address</i>	Store.address_id = address.address_id
<i>Staff</i>	Store.manager_staff_id = staff.staff_id