



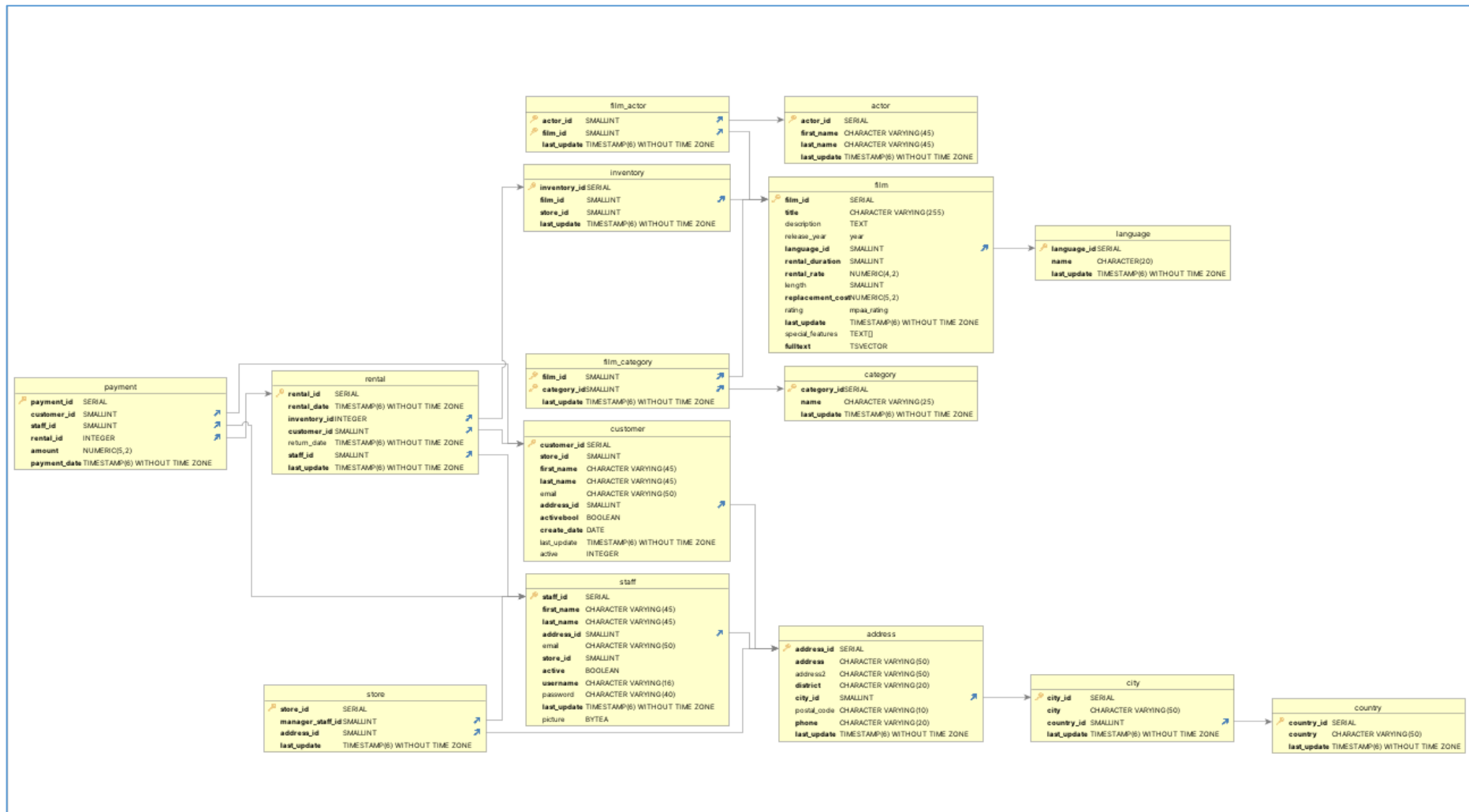
DATA DICTIONARY

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Entity Relationship Diagram (ERD)







PRIMARY KEY



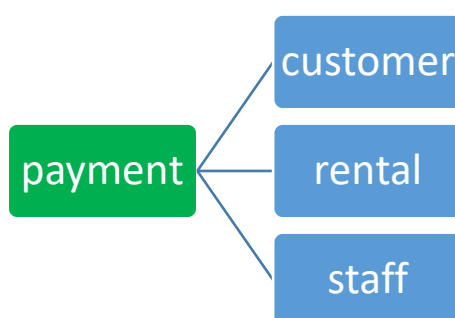
FOREIGN KEY

Fact Tables





Payment Table

	Column	Data Type	Description
	payment_id	Serial	Unique ID for payments
	customer_id	Smallint	Unique ID for customers
	staff_id	Smallint	Foreign Key: Unique ID for staff members
	Rental_id	Integer	Foreign Key: Unique ID for each film rentals
	Amount	Numerics(5,2)	Rental fee
	Payment_date	Time stamp (6) without the time zone	Date of payment

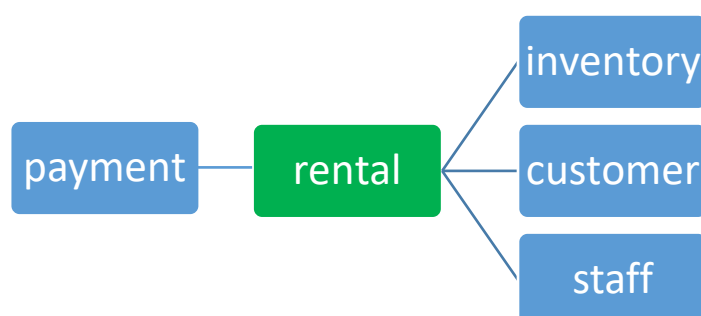
Links



Rental Table



	Column	Data Type	Description
	rental_id	Serial	Unique ID for rentals
	Rental_date	Time stamp (6) without time zone	Date when the rent was made
	inventory_id	Integer	Unique ID for inventory
	Customer_id	Smallint	Unique ID for customers
	Return_date	Time stamp (6) without time zone	Date when the return was made
	Staff_id	Smallint	Unique ID for staff

Links



Dimension Tables




Film_actor Table

	Column	Data Type	Description
	Actor_id	Smallint	Unique ID for actors
	Film_id	Smallint	Unique ID for films
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

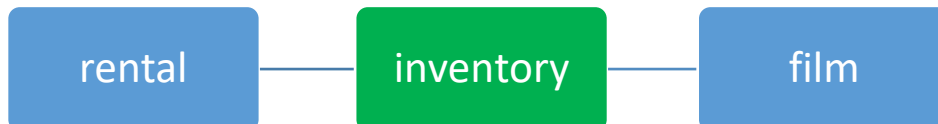
Links





Inventory Table

	Column	Data Type	Description
	inventory_id	Integer	Unique ID for inventory
	Film_id	Smallint	Unique ID for films
	Store_id	Smallint	Unique ID for stores
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

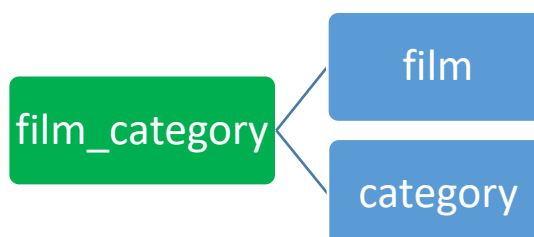
Links






Film_category Table

	Column	Data Type	Description
	Film_id	Smallint	Unique ID for films
	Category_id	Smallint	Unique ID for categories
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links





Customer Table

	Column	Data Type	Description
	Customer_id	Serial	Unique ID for customers
	Store_id	Smallint	Unique ID for stores
	First_name	Character varying(45)	Customer first name
	Last_name	Character varying(45)	Customer last name
	Email	Character varying(50)	Customer email address
	Address_id	Smallint	Unique ID for addresses
	Activebool	Boolean	When the customer is active
	Create_date	Date	Date of customer subscription
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done
	Active	Integer	Active Integer

Links






Staff Table

	Column	Data Type	Description
	Staff_id	Serial	Unique ID for staff
	First_name	Character varying(45)	Customer first name
	Last_name	Character varying(45)	Customer last name
	Email	Character varying(50)	Customer email address
	Store_id	Smallint	Unique ID for stores
	Active	Boolean	Active boolean
	Username	Character varying(16)	Staff User Name
	Password	Character varying(40)	Staff Password
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done
	Picture	BYTEA	Staff photo

Links




Store Table

	Column	Data Type	Description
	Store_id	Serial	Unique ID for stores
	Manager_staff_id	Smallint	Unique ID for Manager staff
	Address_id	Smallint	Unique ID for addresses
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links





Actor Table

	Column	Data Type	Description
	Actor_id	Serial	Unique ID for actors
	First_name	Character varying(45)	Customer first name
	Last_name	Character varying(45)	Customer last name
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

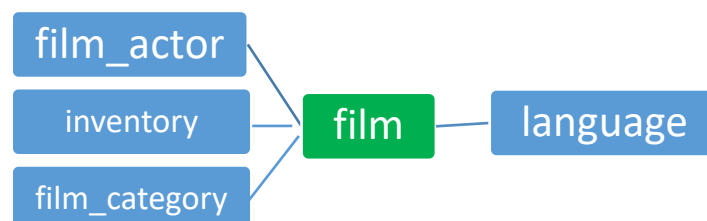
Links




Film Table

	Column	Data Type	Description
	film_id	Serial	Unique ID for films
	Title	Character varying(45)	Film name
	Description	Text	Description of the film
	Release_year	Year	Film year released
	Language_id	Smallint	Unique ID for film language
	Rental_duration	Smallint	Number of days the film was rented
	Rental_rate	Numerics(5,2)	The film rate
	Length	Smallint	Duration of the film
	Rating	Mpaa_rating	Films Age restriction
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done
	Special_features	TEXT	Films features
	Fulltext	TSVECTOR	Film Index

Links





Category Table

	Column	Data Type	Description
	Category_id	Serial	Unique ID for categories
	Name	Character varying(25)	Category name
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

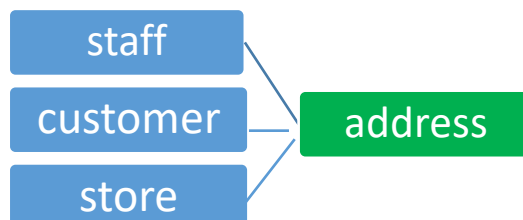
Links




Address Table

	Column	Data Type	Description
	Address_id	Serial	Unique ID for addresses
	Address	Character varying(50)	Address line 1
	Address2	Character varying(50)	Address line 2
	District	Character varying(20)	Address District
	City_id	Smallint	Unique ID for Cities
	Postal_code	Character varying(10)	Address post code
	Phone	Character varying(10)	Customer phone number
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links





Language Table

	Column	Data Type	Description
	Language_id	Serial	Unique ID for Languages
	Name	Character varying(20)	Language name
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links




City Table

	Column	Data Type	Description
	City_id	Serial	Unique ID for Cities
	City	Character varying(50)	City name
	Country_id	Smallint	Unique ID for Cities
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links



Country Table

	Column	Data Type	Description
	Country_id	Serial	Unique ID for Countries
	Country	Character varying(50)	Country name
	Last_update	Time stamp (6) without time zone	Date when the last update of the records was done

Links

