

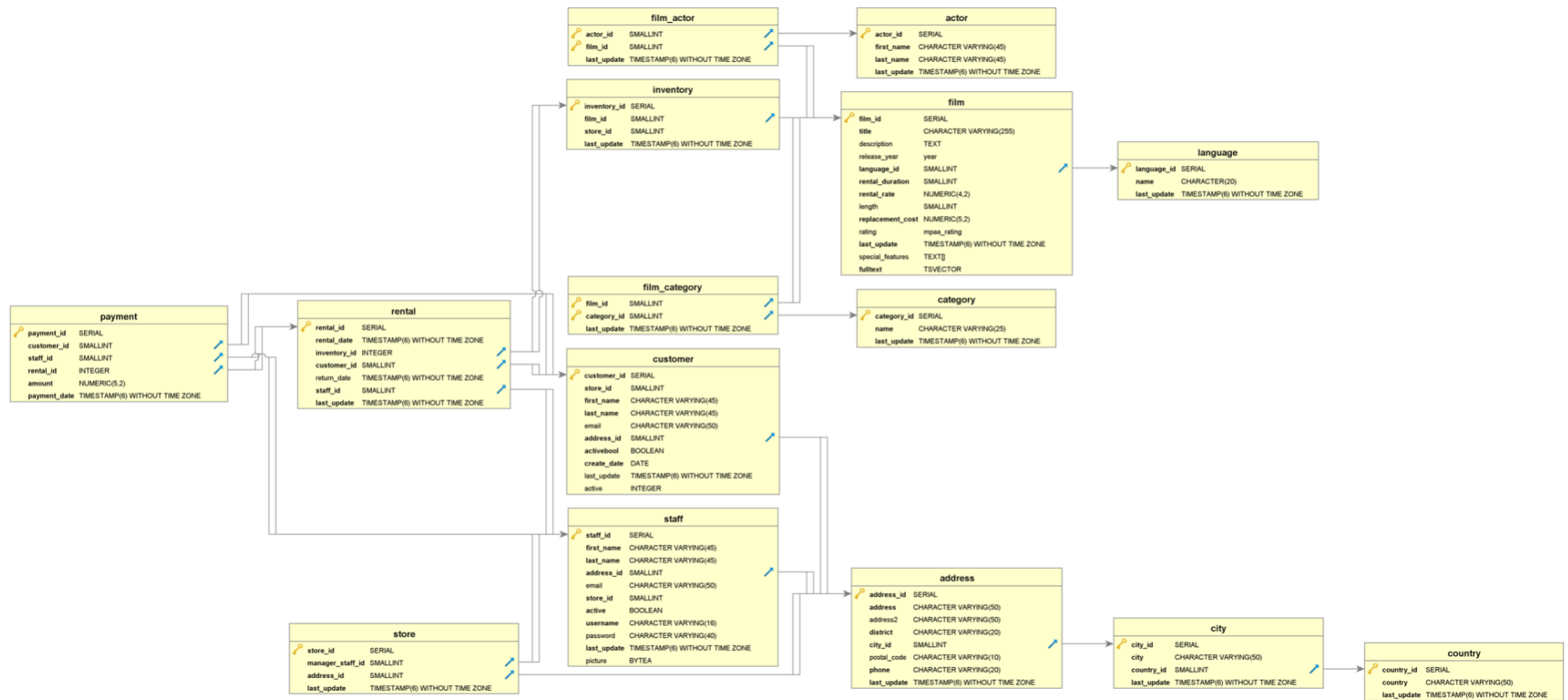
# Rockbuster Stealth Data Dictionary



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# Rockbuster Entity Relationship Diagram (ERD)







## Legend

	Primary Key
	Foreign Key





## Fact Table

### Rental




Key	Column	Data Type	Description	Links From	Links To
	Rental_id	Serial	Number assigned to rental	Payment	
	Rental_date	Timestamp(6) without timezone	Date of rental		
	Inventory_id	Integer	Number assigned to item		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		Staff
	Last_update	Timestamp(6) without timezone	Date entry was last updated		

## Dimension Table



### Payment

Key	Column	Data type	Description	Links From	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		



## Store

Key	Column	Data type	Description	Links From	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		Address
	Last_update	Timestamp(6) without timezone	Date entry was last updated		



## Film\_actor

Key	Column	Data type	Description	Links From	Links To
	Actor_id	Smallint	Number assigned to actor		Actor
	Film_id	Smallint	Number assigned to film		Film
	Last_update	Timestamp(6) without timezone	Date entry was last updated		


## Inventory

Key	Column	Date type	Description	Links From	Links To
	Inventory_id	Serial	Number assigned to item	Rental	
	Film_id	Smallint	Number assigned to film		Film
	Store_id	smallint	Number assigned to store		
	Last_update	Timestamp(6) without timezone	Date entry was last updated		



## Film\_category

Key	Column	Data type	Description	Links From	Links To
	Film_id	Smallint	Number assigned to film		Film
	Film_category	Smallint	Number assigned to genre/category		Category
	Last_update	Timestamp(6) without timezone	Date entry was last updated		



## Category

Key	Column	Data type	Description	Links From	Links To
	Category_id	Serial	Number	Film_category	
	Name	Charactervarying(25)	Name of genre		
	Last_update	Timestamp(6) without timezone	Date entry was last updated		


## Customer

Key	Column	Data type	Description	Links From	Links To
	Customer_id	Serial	Number assigned to customer	Payment, Rental	
	Store-id	Smallint	Number assigned to store		
	First_name	Charactervarying(45)	First name of customer		
	Last_name	Charactervarying(45)	Last name of customer		
	Email	Charactervarying(50)	Email of customer		
	Address_id	Smallint	Number assigned to customer address		Address
	Activebool	Boolean	Customer active status		
	Create_date	Date	Date entry was created		
	Last-Update	Timestamp(6) without timezone	Date entry was last updated		
	Active	Integer	Customer active status		



## Staff

Key	Column	Data type	Description	Links From	Links To
	Staff_id	Serial	Number assigned to customer	Payment, Rental, Store	
	First_name	Charactervarying(45)	First name of customer		
	Last_name	Charactervarying(45)	Last name of customer		
	Address_id	smallint(50)	Number assigned to employee address		Address
	Email	Charactervarying(50)	Email of employee		
	Store-id	Smallint	Number assigned to store		
	Active	Boolean	Customer 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		


## Actor

Key	Column	Data type	Description	Links From	Links To
	Actor_id	Serial	Number assigned to actor	Film_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		


## Film

Key	Column	Data type	Description	Links From	Links To
	Film_id	Serial	Number assigned to film	Inventory, Film_category	
	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		



## Language

Key	Column	Data type	Description	Links From	Links To
	Language_id	Serial	Number	Film	
	Name	Charactervarying(25)	Name of genre		
	Last_update	Timestamp(6) without timezone	Date entry was last updated		



## Category

Key	Column	Data type	Description	Links From	Links To
	Language_id	Serial	Number	Film_category	
	Name	Charactervarying(25)	Name of genre		
	Last_update	Timestamp(6) without timezone	Date entry was last updated		


## Address

Key	Column	Data type	Description	Links From	Links To
	Address_id	Serial	Number assigned to address	Customer, Staff, Store	
	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		

## City

Key	Column	Data type	Description	Links From	Links To
	City_id	Serial	Number assigned to city	Address	
	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		

## Country

Key	Column	Data type	Description	Links From	Links To
	Country_id	Serial	Number assigned to country	City	
	Country	Charactervarying(50)	Name of country		
	Last_update	Timestamp(6) without timezone	Date entry was last updated		