

Rockbuster Stealth

Data Dictionary

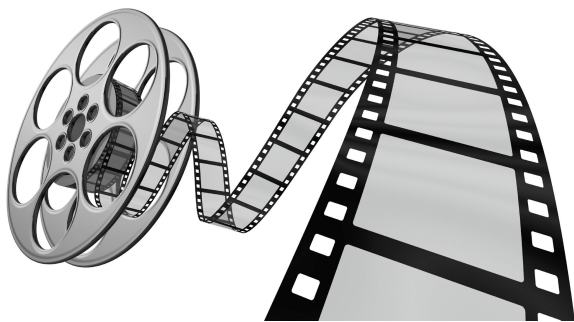
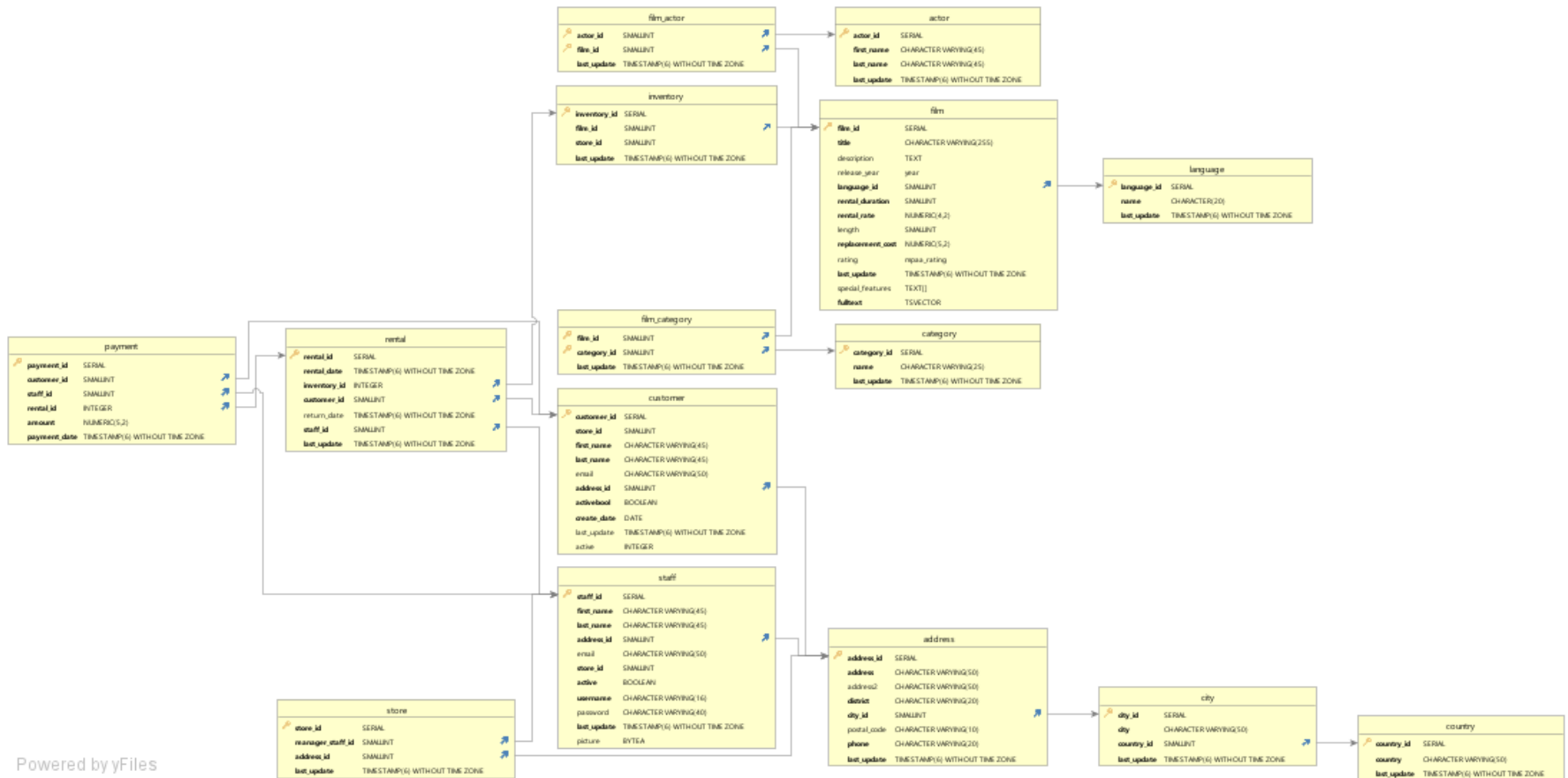


Table of Contents



Entity Relationship Diagram(ERD).....	3
Legend.....	4
Fact Table: Rental.....	4
Dimension Table: Actor.....	5
Dimension Table: Inventory.....	6
Dimension Table: Film Category.....	7
Dimension Table: Customer.....	8
Dimension Table: Staff.....	9
Dimension Table: Store.....	10
Dimension Table: Actor.....	11
Dimension Table: Film.....	12
Dimension Table: Category.....	13
Dimension Table: Address.....	14
Dimension Table: Language.....	15
Dimension Table: City.....	16
Dimension Table: Payment.....	17
Dimension Table: Country.....	18

Entity Relationship Diagram (ERD)







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Legend

	Primary Key
	Foreign Key




Fact Table: Rental

Key	Columns	Data Type	Description	Links With
	rental_id	serial	Serial number assigned to rental	Payment
	rental_date	timestamp(6) without time zone	Date of rental	
	inventory_id	integer	Number assigned to item in the table	Inventory
	customer_id	smallint	Number assigned to customer	Customer
	return_date	timestamp(6) without time zone	Date rental was returned	
	staff_id	smallint	Number assigned to employee	Staff
	last_update	timestamp(6) without time zone	Date entry was last updated	



Dimension Tables: Actor

Key	Columns	Data Type	Description	Links With
	actor_id	smallint	Serial number assigned to rental	Actor
	film_id	smallint	Number assigned to film	
	last_update	timestamp(6) without time zone	Date entry was last updated	




Dimension Table: Inventory

Key	Columns	Data Type	Description	Links With
	inventory_id	serial	Serial number assigned to rental	Rental
	film_id	smallint	Number assigned to film	Film
	store_id	smallint	Number assigned to store	Store
	last_update	timestamp(6) without time zone	Date entry was last updated	




Dimension Table: Film Category

Key	Columns	Data Type	Description	Link With
	film_id	smallint	Serial number assigned to rental	Film
	category_id	smallint	Number assigned to genre/category	Category
	last_update	timestamp(6) without time zone	Date entry was last updated	



Dimension Table: Customer

Key	Columns	Data Type	Description	Links With
	customer_id	serial	Serial number assigned to customer	Payment , Rental
	store_id	smallint	Number assigned to store	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	
	address_id	smallint	Number assigned to customer's address	Address
	activebool	boolean	Customer's active status	
	create_date	date	Date entry was created	
	last_update	timestamp(6) without time zone	Date entry was last updated	
	active	integer	Customer's active status	



Dimension Table: Staff

Key	Columns	Data Type	Description	Links With
	staff_id	serial	Serial number assigned to rental	Payment , Rental
	first_name	Character varying (45)	First name of employee	
	last_name	Character varying (45)	Last name of employee	
	address_id	smallint	Number assigned to employer's address	Address
	email	Character varying (50)	Email address of employee	
	store_id	smallint	Number assigned to store	Store
	active	boolean	Employee active status	
	username	Character varying (16)	Username of employee	
	password	Character varying (40)	Password of employee	
	last_update	timestamp(6) without time zone	Date entry was last updated	
	picture	BYTEA	Picture of employee	



Dimension Table: Store

Key	Columns	Data Type	Description	Links With
	store_id	serial	Serial number assigned to rental	Customer , Inventory , Staff
	manager_staff_id	smallint	Number assigned to store manager	
	address_id	smallint	Number assigned to store address	Address
	last_update	timestamp(6) without time zone	Date entry was last updated	


Dimension Table: Actor

Key	Columns	Data Type	Description	Links With
	actor_id	serial	Serial number assigned to rental	Actor
	first_name	Character varying (45)	First name of actor	Film
	last_name	Character varying (45)	Last name of actor	
	last_update	timestamp(6) without time zone	Date entry was	



Dimension Table: Film

Key	Columns	Data Type	Description	Links With
	film_id	serial	Serial number assigned to rental	Actor , Film Category , Inventory
	title	Character varying (255)	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 time zone	Date entry was last updated	
	special_features	Text[]	Special features included with film	
	fulltext	tsvector	Keywords associated with film	


Dimension Table: Category

Key	Columns	Data Type	Description	Links With
	category_id	serial	Serial number assigned to language	Film Category
	name	Character varying (25)	Name of language	
	last_update	timestamp(6) without time zone	Date entry was last updated	



Dimension Table: Address

Key	Columns	Data Type	Description	Links With
	address_id	serial	Serial number assigned to rental	Customer , Staff , Store
	address	Character varying (50)	Street address	
	address2	Character varying (50)	Supplementary street address	
	district	Character varying (20)	District	
	city_id	smallint	Number assigned to City	City
	postal_code	Character varying (10)	Postal code	
	phone	Character varying (20)	Phone number	
	last_update	Timestamp (6) without time zone	Date entry was last updated	





Dimension Table: Language

Key	Columns	Data Type	Description	Links With
	language_id	serial	Serial number assigned to rental	Film
	name	Character (20)	Name of language	
	last_update	timestamp(6) without time zone	Date entry was last updated	


Dimension Table: City

Key	Columns	Data Type	Description	Links With
	city_id	serial	Serial number assigned to rental	Address
	city	Character varying (50)	Name of City	
	country_id	smallint	Number assigned to country	Country
	last_update	timestamp(6) without time zone	Date entry was last updated	

Dimension Table: Payment

Key	Columns	Data Type	Description	Links With
	payment_id	serial	Serial number assigned to rental	
	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 time zone	Date of payment	

Dimension Table: Country

Key	Columns	Data Type	Description	Links With
	country_id	serial	Serial number assigned to rental	City
	country	Character varying(50)	Name of country	
	last_update	timestamp(6) without time zone	Date entry was last updated	