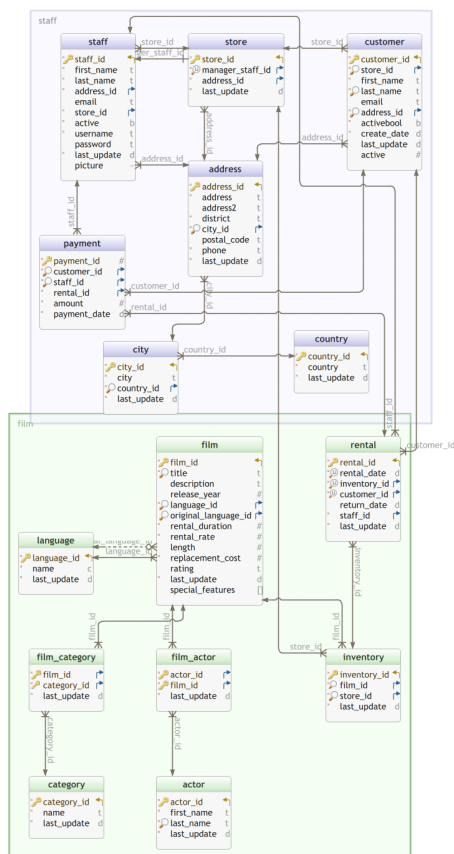# Schéma : pagila

pagila, relationnel, pattes de corbeau, crowfoot

2024-09-20

> ⚠ Présentation de la partie `film` du schéma `pagila`, pour l'entrainement à PostGres.

- **L3 MIASHS/Ingémath**
- **Université Paris Cité**
- Année 2024-2025
- Course Homepage
- Moodle

Fig. 1 : Schema pagila créé par DbSchema

Contexte

Description de presque toutes les tables de la base `pagila` ,

- Pagemaison de la base de données `pagila`.
- Pagemaison de la base de données `sakila`

- Détails sur les films
- Détails sur les adresses, clients, magasins, paiements

Table pagila.address

Idx	Name	Data Type
*	address_id	integer DEFAULT nextval('pagila.address_address_id_seq' ::regclass)
*	address	varchar(50)
	address2	varchar(50)
*	district	varchar(20)
*	city_id	smallint
	postal_code	varchar(10)
*	phone	varchar(20)
*	last_update	timestamp DEFAULT now()

Foreign Keys

Type	Name	On
	address_city_id_fkey	(city_id) ref pagila.city (city_id)

Table pagila.city

Idx	Name	Data Type
*	city_id	integer DEFAULT nextval('pagila.city_city_id_seq' ::regclass)
*	city	varchar(50)
*	country_id	smallint
*	last_update	timestamp DEFAULT now()

Foreign Keys

Type	Name	On
	city_country_id_fkey	(country_id) ref pagila.country (country_id)

Table pagila.country

Idx	Name	Data Type
*	country_id	integer DEFAULT nextval('pagila.country_country_id_seq' ::regclass)
*	country	varchar(50)
*	last_update	timestamp DEFAULT now()

Table pagila.customer

Idx	Name	Data Type
*	customer_id	integer DEFAULT nextval('pagila.customer_customer_id_seq' ::regclass)
*	store_id	smallint
*	first_name	varchar(45)
*	last_name	varchar(45)
	email	varchar(50)
*	address_id	smallint
*	activebool	boolean DEFAULT true
*	create_date	date DEFAULT ('now' ::text) ::date
	last_update	timestamp DEFAULT now()
	active	integer

Foreign Keys

Type	Name	On
	customer_store_id_fkey	(store_id) ref pagila.store (store_id)
	customer_address_id_fkey	(address_id) ref pagila.address (address_id)

Table pagila.film

Idx	Name	Data Type
*	film_id	integer DEFAULT nextval('pagila.film_film_id_seq' ::regclass)
*	title	varchar(255)
	description	text
	release_year	year
*	language_id	smallint
	original_language_id	smallint
*	rental_duration	smallint DEFAULT 3
*	rental_rate	numeric(4,2) DEFAULT 4.99
	length	smallint
*	replacement_cost	numeric(5,2) DEFAULT 19.99
	rating	mpaa_rating DEFAULT 'G' ::pagila.mpaa_rating
*	last_update	timestamp DEFAULT now()
	special_features	text[]

Foreign Keys

Type	Name	On
	film_original_language_id_fkey	(original_language_id) ref pagila.language (language_id)
	film_language_id_fkey	(language_id) ref pagila.language (language_id)

Table pagila.inventory

Idx	Name	Data Type
*	inventory_id	integer DEFAULT nextval('pagila.inventory_inventory_id_seq'::regclass)
*	film_id	smallint
*	store_id	smallint
*	last_update	timestamp DEFAULT now()

Foreign Keys

Type	Name	On
	inventory_store_id_fkey	(store_id) ref pagila.store (store_id)
	inventory_film_id_fkey	(film_id) ref pagila.film (film_id)

Table pagila.payment

Idx	Name	Data Type
*	payment_id	integer DEFAULT nextval('pagila.payment_payment_id_seq'::regclass)
*	customer_id	smallint
*	staff_id	smallint
*	rental_id	integer
*	amount	numeric(5,2)
*	payment_date	timestamp

Foreign Keys

Type	Name	On
	payment_staff_id_fkey	(staff_id) ref pagila.staff (staff_id)
	payment_rental_id_fkey	(rental_id) ref pagila.rental (rental_id)
	payment_customer_id_fkey	(customer_id) ref pagila.customer (customer_id)

Table pagila.rental

Idx	Name	Data Type
*	rental_id	integer DEFAULT nextval('pagila.rental_rental_id_seq'::regclass)
*	rental_date	timestamp
*	inventory_id	integer
*	customer_id	smallint
	return_date	timestamp
*	staff_id	smallint
*	last_update	timestamp DEFAULT now()

Foreign Keys

Type	Name	On
	rental_staff_id_fkey	(staff_id) ref pagila.staff (staff_id)
	rental_inventory_id_fkey	(inventory_id) ref pagila.inventory (inventory_id)
	rental_customer_id_fkey	(customer_id) ref pagila.customer (customer_id)

Table pagila.staff

Idx	Name	Data Type
*	staff_id	integer DEFAULT nextval('pagila.staff_staff_id_seq' ::regclass)
*	first_name	varchar(45)
*	last_name	varchar(45)
*	address_id	smallint
	email	varchar(50)
*	store_id	smallint
*	active	boolean DEFAULT true
*	username	varchar(16)
	password	varchar(40)
*	last_update	timestamp DEFAULT now()
	picture	bytea

Foreign Keys

Type	Name	On
	staff_store_id_fkey	(store_id) ref pagila.store (store_id)
	staff_address_id_fkey	(address_id) ref pagila.address (address_id)

Table pagila.store

Idx	Name	Data Type
*	store_id	integer DEFAULT nextval('pagila.store_store_id_seq' ::regclass)
*	manager_staff_id	smallint
*	address_id	smallint
*	last_update	timestamp DEFAULT now()

Foreign Keys

Type	Name	On
	store_manager_staff_id_fkey	(manager_staff_id) ref pagila.staff (staff_id)
	store_address_id_fkey	(address_id) ref pagila.address (address_id)