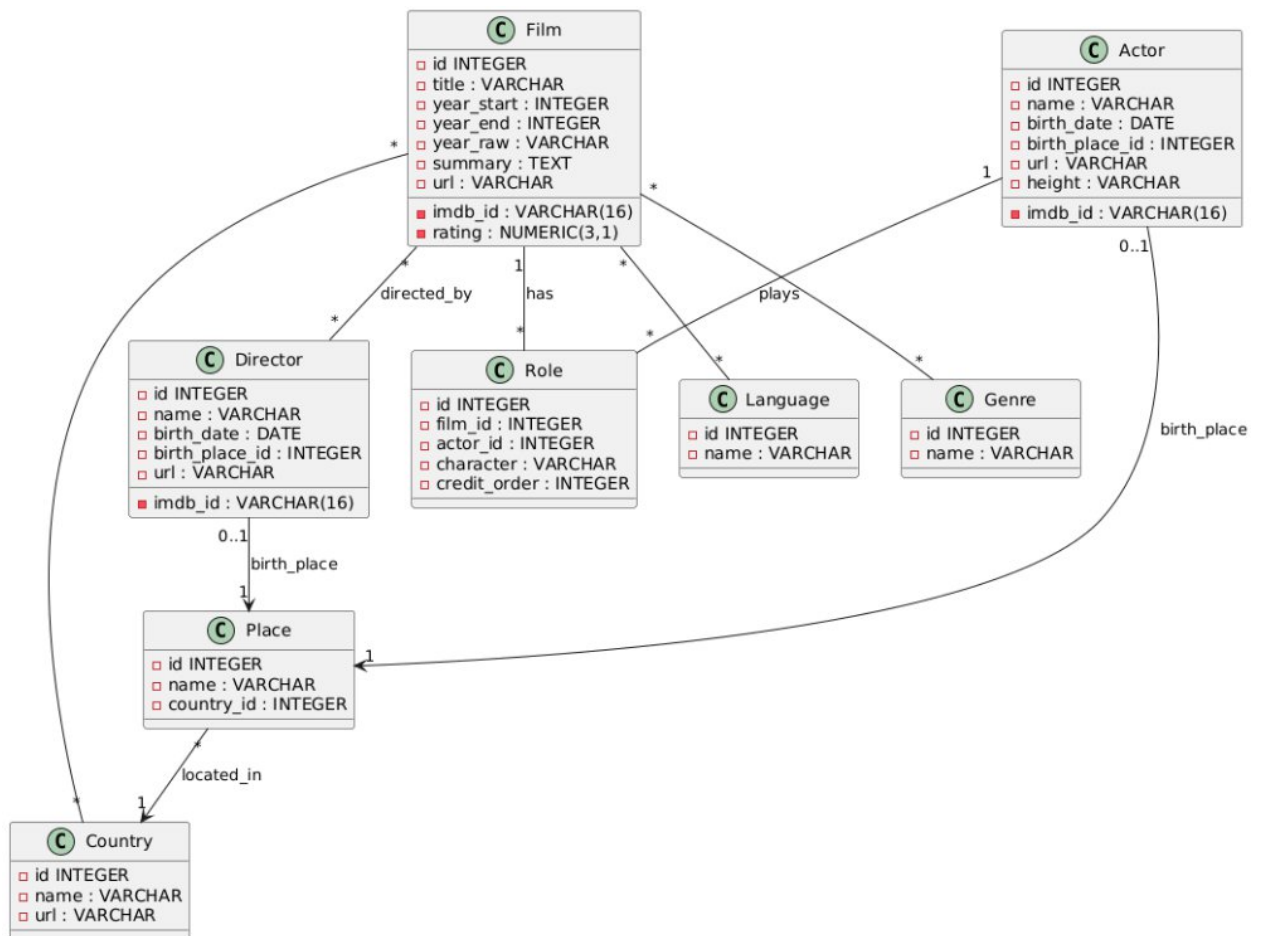


Diagramme de classe



J'ai pas fait d'Énumération pour les langages et les genres pour en intégrer potentiellement des nouveaux au fur et à mesure.

Modèle Physique de données

-- TABLE LIEU

```
CREATE TABLE place (  
  id INTEGER PRIMARY KEY,  
  name VARCHAR(255) NOT NULL UNIQUE,  
  country_id INTEGER REFERENCES country(id) ON DELETE SET NULL  
);
```

-- TABLE PAYS

```
CREATE TABLE country (  
  id INTEGER PRIMARY KEY,  
  name VARCHAR(128) NOT NULL UNIQUE,  
  url VARCHAR(255)  
);
```

-- TABLE LANGAGE

```
CREATE TABLE language (  
  id INTEGER PRIMARY KEY,  
  name VARCHAR(128) NOT NULL UNIQUE
```

```
);
```

```
-- TABLE GENRE
```

```
CREATE TABLE genre (  
  id INTEGER PRIMARY KEY,  
  name VARCHAR(128) NOT NULL UNIQUE  
);
```

```
-- TABLE FILM
```

```
CREATE TABLE film (  
  id INTEGER PRIMARY KEY,  
  imdb_id VARCHAR(16) UNIQUE,  
  title VARCHAR(512) NOT NULL,  
  year_start INTEGER,  
  year_end INTEGER,  
  year_raw VARCHAR(64), — delete si opti  
  rating NUMERIC(3,1),  
  summary TEXT,  
  url VARCHAR(255),  
  filming_locations TEXT  
);
```

```
-- TABLE ACTEUR
```

```
CREATE TABLE actor (  
  id INTEGER PRIMARY KEY,  
  imdb_id VARCHAR(16) UNIQUE,  
  name VARCHAR(255) NOT NULL,  
  birth_date DATE,
```

```
birth_place_id INTEGER REFERENCES place(id) ON DELETE SET NULL,  
url VARCHAR(255),  
height VARCHAR(64)  
);
```

-- TABLE REALISATEUR

```
CREATE TABLE director (  
id INTEGER PRIMARY KEY,  
imdb_id VARCHAR(16) UNIQUE,  
name VARCHAR(255) NOT NULL,  
birth_date DATE,  
birth_place_id INTEGER REFERENCES place(id) ON DELETE SET NULL,  
url VARCHAR(255)  
);
```

-- DIFFERENTES TABLES DE RELATIONS

```
CREATE TABLE film_genre (  
film_id INTEGER NOT NULL REFERENCES film(id) ON DELETE CASCADE,  
genre_id INTEGER NOT NULL REFERENCES genre(id) ON DELETE CASCADE,  
PRIMARY KEY (film_id, genre_id)  
);
```

```
CREATE TABLE film_language (  
film_id INTEGER NOT NULL REFERENCES film(id) ON DELETE CASCADE,  
language_id INTEGER NOT NULL REFERENCES language(id) ON DELETE CASCADE,  
PRIMARY KEY (film_id, language_id)  
);
```

```
CREATE TABLE film_country (  
    film_id INTEGER NOT NULL REFERENCES film(id) ON DELETE CASCADE,  
    country_id INTEGER NOT NULL REFERENCES country(id) ON DELETE CASCADE,  
    PRIMARY KEY (film_id, country_id)  
);
```

```
CREATE TABLE film_director (  
    film_id INTEGER NOT NULL REFERENCES film(id) ON DELETE CASCADE,  
    director_id INTEGER NOT NULL REFERENCES director(id) ON DELETE CASCADE,  
    PRIMARY KEY (film_id, director_id)  
);
```