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mojoMovies Database Documentation

SQL Commands to create tables:

```
create table distributor
(
  id int auto_increment
    primary key,
  name varchar(255) null
);
```

```
create table genre
(
  id int auto_increment
    primary key,
  genreType varchar(255) null
);
```

```
create table person
(
  id int auto_increment
    primary key,
  fullName varchar(255) null
);
```

```
create table rating
(
  id int auto_increment
    primary key,
  ratingType varchar(255) null
);
```

```
create table movie
(
  id int unsigned auto_increment
    primary key,
  title varchar(255) null,
  releaseYear int null,
  genreId int null,
  runtimeMins int null,
  ratingId int null,
  distributorId int null,
  directorId int null,
  writerId int null,
  producerId int null,
```

```

composerId      int      null,
cinematographerId int      null,
actorId         int      null,
budget          int      null,
domesticGross   int      null,
internationalGross int    null,
worldwideGross  bigint    null,
constraint movie_distributor_id_fk
    foreign key (distributorId) references distributor (id),
constraint movie_genre_id_fk
    foreign key (genreId) references genre (id),
constraint movie_person_id_fk
    foreign key (directorId) references person (id),
constraint movie_person_id_fk_2
    foreign key (writerId) references person (id),
constraint movie_person_id_fk_3
    foreign key (producerId) references person (id),
constraint movie_person_id_fk_4
    foreign key (composerId) references person (id),
constraint movie_person_id_fk_5
    foreign key (cinematographerId) references person (id),
constraint movie_person_id_fk_6
    foreign key (actorId) references person (id),
constraint movie_rating_id_fk
    foreign key (ratingId) references rating (id)
);

create index movie_actorId_index
    on movie (actorId);

create index movie_cinematographerId_index
    on movie (cinematographerId);

create index movie_composerId_index
    on movie (composerId);

create index movie_directorId_index
    on movie (directorId);

create index movie_producerId_index
    on movie (producerId);

create index movie_writerId_index
    on movie (writerId);

```

mojoMovies ERD

