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报告二

创建引索

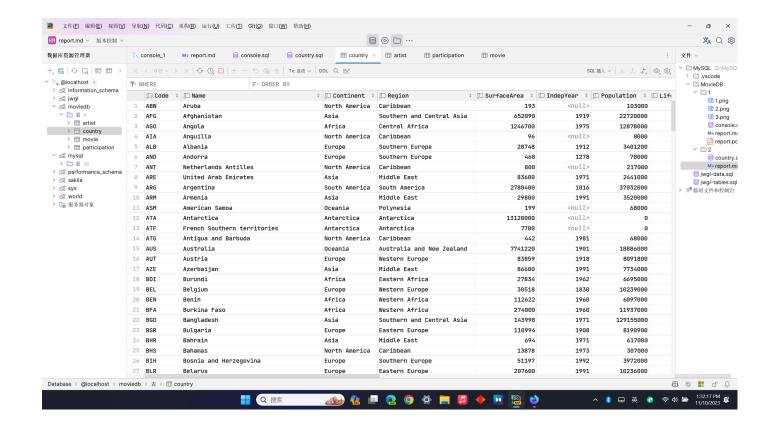
代码如下:

SQL

create unique index Artimdb on artist(imdbnumber);

导入country表

导入结果如下:



修改演员表:

修改演员表,增加出生地(birthplace),类型与country表的code列一致,并建立外键关联

```
alter table artist modify birthplace char(3) NOT NULL DEFAULT '';

ALTER TABLE artist ADD CONSTRAINT place FOREIGN KEY(birthplace) REFERENCES country(Code);
```

使用update语句为已有演员添加相应的出生地

```
update artist
set birthplace = '福建' where name = '钟晨瑶';

update artist
set artist.birthplace = '福建' where name = '陈都灵';

update artist
set artist.birthplace = '山东' where name = '李雪健';

update artist
set artist.birthplace = '黑龙江' where name ='张泽';
```

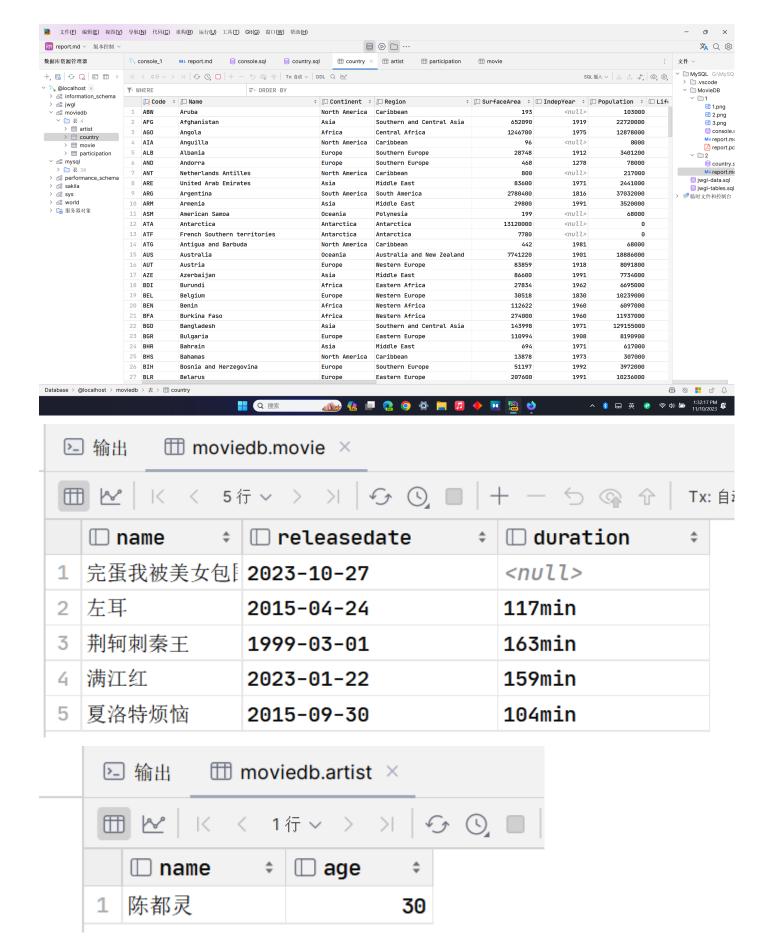
```
update artist
set artist.birthplace = '黑龙江' where name = '沈腾';
```

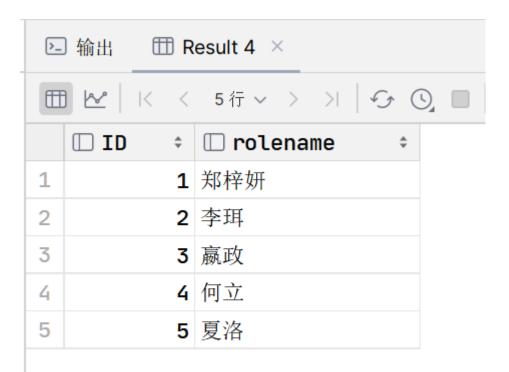
查询实现:

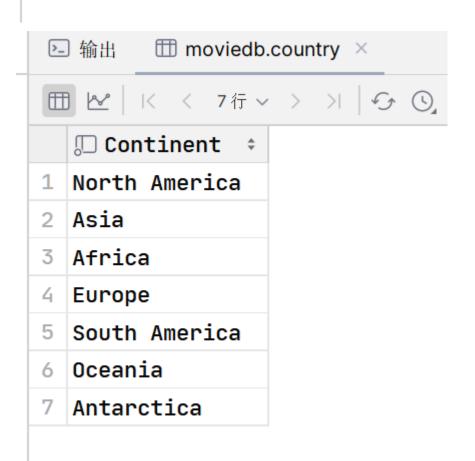
查询代码如下:

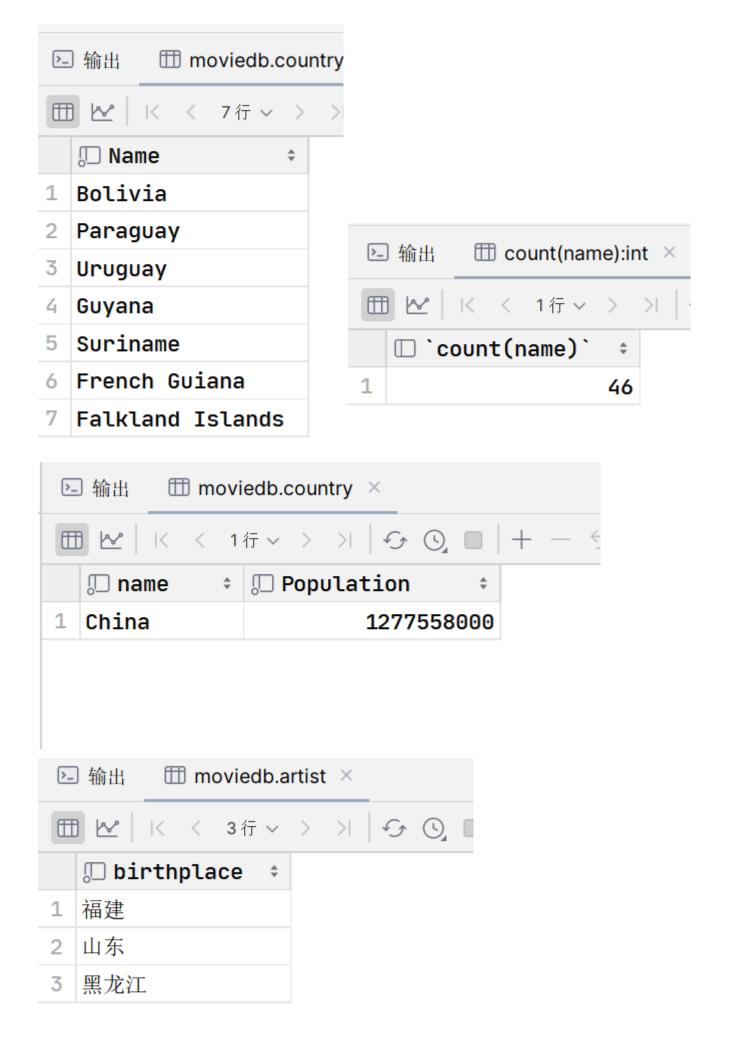
```
select distinct name, releasedate, duration
from movie;
select name, age
from artist where age >= 30 and sex = 'female';
select distinct movie.ID, participation.rolename
from movie,participation where movie.ID = participation.ID;
select distinct country.Continent
from country;
select country.Name
from country where Population < 10000000 and Region = 'South America'
order by Population desc;
select count(name)
from country where Continent = 'Europe';
select name, Population from country
where(Population =(
select max(Population)
from country));
select distinct artist.birthplace
from artist;
```

查询结果:









遇到的问题:

1.为artist添加新的有外键约束的属性:

使用如下语句:

alter table artist add constraint <外键名> foreign key <被约束键> reference <表名> (键名)

2. 排序时的顺序:

正序: desc 倒序: aesc