

# MYSQL环境搭建与基本操作

## 【实验环境】

操作系统：macOS

Tools: DataGrip

Database: MySQL 8.0

## 【实验目的】

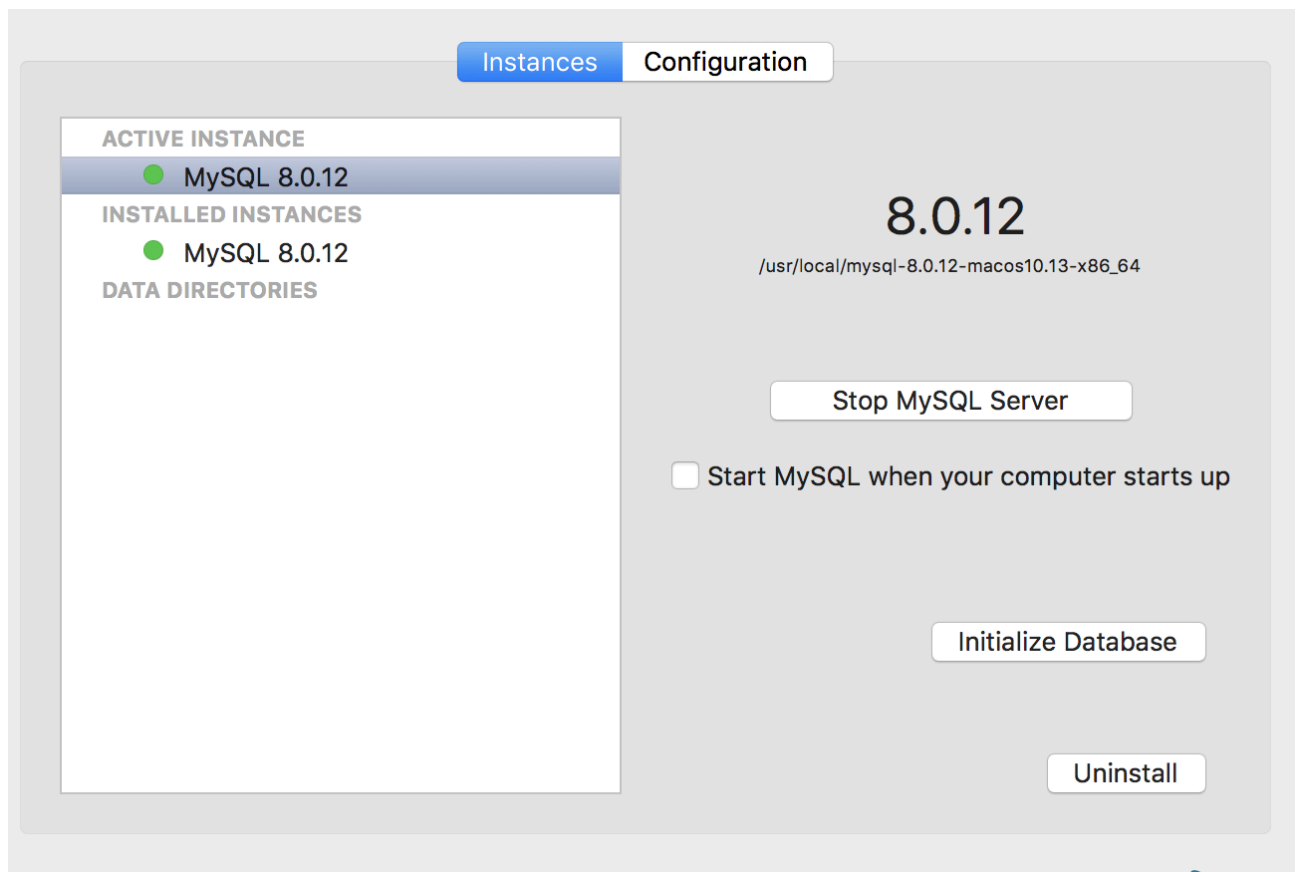
搭建MySQL服务环境，使用MySQL Workbench进行基本数据库操作练习

## 【实验内容】

1. 下载并安装MySQL
2. MySQL服务启动、停止
3. 新建cos数据库，并为该数据库新建用户cos\_admin，分配权限为DBA
4. 新建Patron表，用户名（varchar），密码，住址。修改Patron表，加入电话号码字段

## 【实验结果】

1. MySQL服务启动、停止：



2. 建cos数据库，并为该数据库新建用户cos\_admin，分配权限为DBA

```
[mysql> create user 'cos_admin'@'localhost' identified by 'qwer'  
[    ->  
[    -> ;  
Query OK, 0 rows affected (0.07 sec)
```

```
[zhujundeMacBook-Pro:~ zhujun$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 8.0.12 MySQL Community Server - GPL

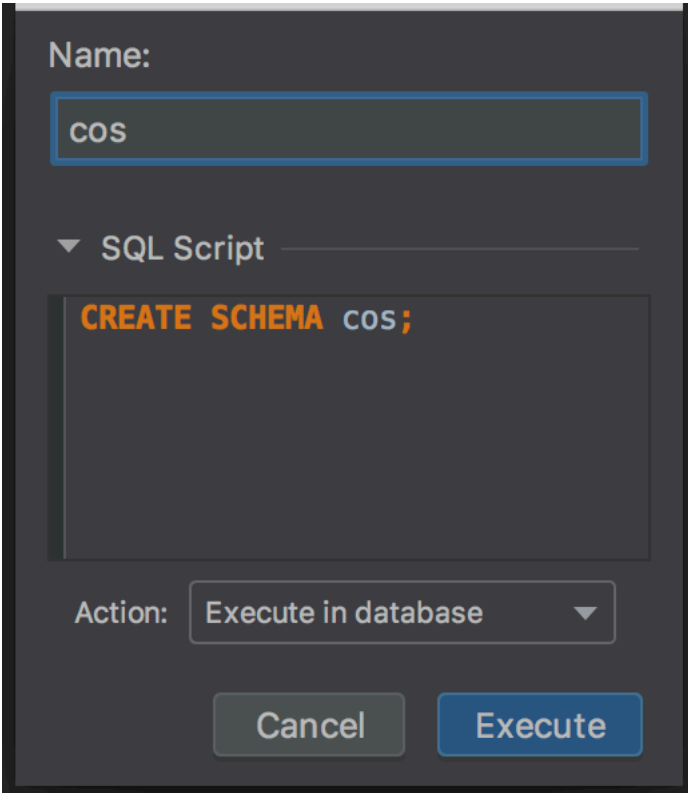
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

[mysql> grant all privileges on cos_admin.* to 'cos_admin'@'localhost';
Query OK, 0 rows affected (0.10 sec)

[mysql> flush privileges;
Query OK, 0 rows affected (0.00 sec)
```



Name:

cos

▼ SQL Script

**CREATE SCHEMA** cos;

Action: Execute in database ▼

Cancel Execute

3. 新建Patron表，用户名（varchar），密码，住址。修改Patron表，加入电话号码

Create New Table

Table: Patron

Comment:

Columns (3)

Keys (1)

Indices

Foreign Keys

用户名 **varchar(10)** -- part of primary key

密码 **varchar(10)**

住址 **varchar(50)**

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▼ SQL Script

```
CREATE TABLE Patron
(
  用户名 varchar(10) PRIMARY KEY,
  密码 varchar(10) NOT NULL,
  住址 varchar(50)
);
```

Action:

Execute in database ▼

?

Cancel

Execute

Table:

Patron

Comment:

Columns (4)

Keys (1)

Indices

Foreign Keys

用户名

varchar(10)

-- part of primary key

密码

varchar(10)

住址

varchar(50)

Name:

Type:

Default:

电话号码

varchar(20)

☐ Not null

☐ Auto inc

☐ Unique

☐ Primary key

+

-

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▼ SQL Script

ALTER TABLE Patron ADD 电话号码 varchar(20) NULL;

Action:

Execute in database

▼

?

Cancel

Preview

Execute