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| 作用 | MySQL | mongodb |
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| 服务器守护进程 | mysqld | mongod |
| 客户端工具 | mysql | mongo |
| 逻辑备份工具 | mysqldump | mongodump |
| 逻辑还原工具 | mysql | mongorestore |
| 数据导出工具 | mysqldump | mongoexport |
| 数据导入工具 | source | mongoimport |
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| 新建用户并授权 | grant all on \*.\*  to username@'localhost'  identified by 'passwd'; | db.addUser("user","psw") db.auth("user","psw") |
| 显示库列表 | show databases; | show dbs |
| 进去库 | use dbname; | use dbname |
| 显示表列表 | show tables; | show collections |
| 查询主从状态 | show slave status; | rs.status |
| 创建库 | create database name; | 无需单独创建，直接use进去 |
| 创建表 | create table tname(id int); | 无需单独创建，直接插入数据 |
| 删除表 | drop table tname; | db.tname.drop() |
| 删除库 | drop database dbname; | 首先进去该库，db.dropDatabase() |
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| 插入记录 | insert into tname(id) value(2); | db.tname.insert({id:2}) |
| 删除记录 | delete from tname where id=2; | db.tname.remove({id:2}) |
| 修改/更新记录 | update tname set id=3  where id=2; | db.tname.update({id:2}, {$set:{id:3}},false,true) |
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| 查询所有记录 | select \* from tname; | db.tname.find() |
| 查询所有列 | select id from tname; | db.tname.find({},{id:1}) |
| 条件查询 | select \* from tname where id=2; | db.tname.find({id:2}) |
| 条件查询 | select \* from tname where id < 2; | db.tname.find({id:{$lt:2}}) |
| 条件查询 | select \* from tname where id >=2; | db.tname.find({id:{$gte:2}}) |
| 条件查询 | select \* from tname where id=2  and name='steve'; | db.tname.find({id:2, name:'steve'}) |
| 条件查询 | select \* from tname where id=2 or name='steve'; | db.tname.find($or:[{id:2}, {name:'steve'}]) |
| 条件查询 | select \* from tname limit 1; | db.tname.findOne() |
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| 模糊查询 | select \* from tname where name like "%ste%"; | db.tname.find({name:/ste/}) |
| 模糊查询 | select \* from tname where name like "ste%"; | db.tname.find({name:/^ste/}) |
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| 获取表记录数 | select count(id) from tname; | db.tname.count() |
| 获取有条件 的记录数 | select count(id) from tname where id=2; | db.tname.find({id:2}).count() |
| 查询时去掉 重复值 | select distinct(last\_name) from tname; | db.tname.distinct('last\_name') |
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| 正排序查询 | select \*from tname order by id; | db.tname.find().sort({id:1}) |
| 逆排序查询 | select \*from tname  order by id desc; | db.tname.find().sort({id:-1}) |
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| 取存储路径 | explain select \* from tname where id=3; | db.tname.find({id=3}).explain() |