

# mysql sql解析

1. SQL 按照两个字段去除列重复的数据，保留一行。

```
DELETE FROM 表名
WHERE ID号 IN
(
SELECT ID号 FROM 表名 T
WHERE EXISTS
(
SELECT 1 FROM 表名 WHERE 字段1= T. 字段1 AND 字段2= T. 字段2
GROUP BY 字段1, 字段2 HAVING COUNT(*) > 1
)
)
AND
T. ID号 NOT IN
(
SELECT min( ID号) FROM 表名GROUP BY 字段1, 字段2 HAVING COUNT(*) >
1
)
)
```

## 2. 单字段

```
delete from table_name a
where a.name in
(select name from table_name group by name having count(*) > 1)
and rowid not in
(select min(rowid) from table_name group by name having count(*) > 1)
```

## 3. Create table as select

```
create table xxx as select
create table table1 as select * from table2 where 2=3;
```

根据table2的表结构，创建table1

```
create table table1 as select * from table2
```

根据table2的表结构，创建table1，同时将table2的数据插入table1

```
create table table1(column1_rename,column2_rename) as select  
column1,column2 from table2;
```

根据table2的表结构，创建table1,重命名列，并复制数据