**将要上传到github的Map Reduce案例: 读取mysql指定字段后，统计单词出现的个数，将结果写入HDFS**

mysql> use mysql; // 以root用户登录数据库后，进到mysql库里给root用户设置访问权限

mysql> GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'%' IDENTIFIED BY ‘yourpass’;

mysql> select \* from user where User='root'\G // 确认root用户的权限

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 5. row \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Host: %

User: root

Password: \*B34D36DA2C3ADBCCB80926618B9507F5689964B6

Select\_priv: Y

Insert\_priv: Y

Update\_priv: Y

Delete\_priv: Y

Create\_priv: Y

Drop\_priv: Y

Reload\_priv: Y

Shutdown\_priv: Y

Process\_priv: Y

File\_priv: Y

Grant\_priv: N

References\_priv: Y

Index\_priv: Y

Alter\_priv: Y

Show\_db\_priv: Y

Super\_priv: Y

Create\_tmp\_table\_priv: Y

Lock\_tables\_priv: Y

Execute\_priv: Y

Repl\_slave\_priv: Y

Repl\_client\_priv: Y

Create\_view\_priv: Y

Show\_view\_priv: Y

Create\_routine\_priv: Y

Alter\_routine\_priv: Y

Create\_user\_priv: Y

Event\_priv: Y

Trigger\_priv: Y

Create\_tablespace\_priv: Y

ssl\_type:

ssl\_cipher:

x509\_issuer:

x509\_subject:

max\_questions: 0

max\_updates: 0

max\_connections: 0

max\_user\_connections: 0

plugin: mysql\_native\_password

authentication\_string:

password\_expired: N

5 rows in set (0.01 sec)

[插图:表字段和java类属性对应关系]

**然后运行Map Reduce作业**

[centos@s201 ~]$ hadoop jar mysqlcount.jar countfrommysql.WCApp mysql\_1

【hadoop会给出正在运行的作业编号，例如本案的作业号Running job: job\_1489593756339\_0003】

运行期间可以通过web页面查看作业运行情况，<http://172.16.112.130:8088/cluster/apps>

页面会显示上述作业编号，当成功结束作业,能看到会FinalStatus为SUCCEEDED

[插图:MR输出的结果]

**Map Reduce作业成功运行结束后, 到HDFS查验结果：**

[centos@s201 ~]$ hdfs dfs -ls -R /user/centos/mysql\_1

-rw-r--r-- 3 centos supergroup 0 2017-03-16 00:19 /user/centos/mysql\_1/\_SUCCESS

-rw-r--r-- 3 centos supergroup 0 2017-03-16 00:19 /user/centos/mysql\_1/part-r-00000

-rw-r--r-- 3 centos supergroup 14 2017-03-16 00:19 /user/centos/mysql\_1/part-r-00001

-rw-r--r-- 3 centos supergroup 8 2017-03-16 00:19 /user/centos/mysql\_1/part-r-00002

[centos@s201 ~]$ hdfs dfs -cat mysql\_1/part-r-00000

[centos@s201 ~]$ hdfs dfs -cat mysql\_1/part-r-00001

**tom 4**

**world 4**

[centos@s201 ~]$ hdfs dfs -cat mysql\_1/part-r-00002

**hello 4**

【作业成功输出了我们想要的结果】

整套代码可以从我的github下载来看看