# 批量导出视图

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#!/usr/bin/python

# -\*- coding: utf-8 -\*-

import os

import sys

import MySQLdb

def DB\_SHOW(host,user,port,passwd):

str1=""

port1=int(port)

password=passwd

db\_show="show databases"

conn = MySQLdb.connect (host,user,port=port1,passwd=password,db = "information\_schema")

cursor = conn.cursor()

cursor.execute (db\_show)

rows = cursor.fetchall()

for row in rows:

#print " %s" % (row)

str="%s" %(row)

str1=str+':'+str1

cursor.close ()

conn.close ()

return str1

def DB\_SQL(s,host,user,port,passwd):

sql=""

port1=int(port)

password=passwd

f= open("viewfile.txt",'a')

sql="select TABLE\_SCHEMA,TABLE\_NAME,TABLE\_TYPE from tables where TABLE\_SCHEMA ="+"'"+s+"'"+" "+"and TABLE\_TYPE='VIEW'"

#print '-----------sql------------:'+sql

conn = MySQLdb.connect (host,user,port=port1,passwd=password,db = "information\_schema")

cursor = conn.cursor()

cursor.execute (sql)

rows = cursor.fetchall()

for row in rows:

#print " %s,%s" % (row[0],row[1])

sql=row[0]+':'+row[1]

f.write(sql+"\n")

f.close()

cursor.close ()

conn.close ()

def CREATE\_VIEW\_FILE(host,user,port,passwd):

port1=int(port)

password=passwd

f=open("viewfile.txt",'r')

f1=open("create\_view\_file.txt",'w')

conn = MySQLdb.connect (host,user,port=port1,passwd=password,db = "information\_schema")

cursor = conn.cursor()

count=0

for v in f.readlines():

str=v.split(":")

count=int(count)+1

sql="show create table "+str[0]+'.'+str[1]

cursor.execute (sql)

rows = cursor.fetchall()

for row in rows:

ss="%s" %(row[1])

f1.write(ss+";"+"\n");

f.close()

f1.close()

cursor.close ()

conn.close ()

sum=int(count)

print "共有视图数为:",sum

print "视图语句在当前目录下的create\_view\_file.txt文件里"

if len(sys.argv)==5:

host=sys.argv[1]

user=sys.argv[2]

port=sys.argv[3]

passwd=sys.argv[4]

if os.path.exists("viewfile.txt"):

os.remove("viewfile.txt")

print 'remove successful!'

list=DB\_SHOW(host,user,port,passwd)

str=list.split(":")

for v in str:

if v =="test":

continue

elif v=="performance\_schema":

continue

elif v=="information\_schema":

continue

elif v=="mysql":

continue

elif v=='':

continue

else:

DB\_SQL(v,host,user,port,passwd)

CREATE\_VIEW\_FILE(host,user,port,passwd)

else:

print "输入的参数不符合要求:\n"

print "例子，脚本名 数据库IP 数据库用户 数据库端口 数据库密码\n"

使用方法：

脚本名 数据库IP 数据库用户 数据库端口 数据库密码

程序功能：

导出用户的所有的视图，不包括系统视图