

## db\_modify.sh

```
#!/bin/bash

USER="root"
PASSWD="MZcQ*k14HlmY"
WHICH_MYSQL="/usr/bin/mysql -u$USER -p$PASSWD"

for DATABASE in $(($WHICH_MYSQL -e "show databases;" | grep -v "Database"|grep -v "mysql"|grep -v "information_schema"|grep -v
"performance_schema" | grep -v "binlog"| grep -v "relaylog"|grep -v "general_log" | grep -v "slowlog" | grep -v "tmpdata")
do
    DATABASE="$DATABASE"
    for TABLES in $(($WHICH_MYSQL $DATABASE -e "show tables;" | grep -v "Tables" )
    do
        TABLE_TYPE=`$WHICH_MYSQL -Ns -e "SELECT TABLE_TYPE FROM information_schema.TABLES WHERE TABLE_SCHEMA='$DATABASE' AND
TABLE_NAME = '$TABLES';" ` >/dev/null 2>&1
        ENGINE_INFO=`$WHICH_MYSQL -Ns -e "SELECT ENGINE FROM information_schema.TABLES WHERE TABLE_SCHEMA='$DATABASE' AND
TABLE_NAME = '$TABLES';" ` >/dev/null 2>&1
        echo $ENGINE_INFO
        echo $TABLE_TYPE
        if [[ $ENGINE_INFO == "MyISAM" ]] && [[ $TABLE_TYPE == "BASE TABLE" ]]
        then
            $WHICH_MYSQL $DATABASE -e "alter table $TABLES engine=innodb;" >/dev/null 2>&1
        else
            continue
        fi
    done
    exit 0
done

: << !

select
    table_schema,
    count(*),
    engine
from information_schema.tables
group by tables.table_schema;

!
```