



链滴

# ubuntu下自动备份mysql数据库

作者: [yohyow](#)

原文链接: <https://ld246.com/article/1459998392461>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

<p><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">实现步骤: </span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">1、创建保存备份文件的目录: /home/mysql\_data</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">cd /home #进入目录</span></strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">mkdir mysql\_data #创建目录</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">2、创建脚本文件:/home/mysql\_data/mysql\_databak.sh</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">cd /home/mysql\_data #进入目录</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">touch mysql\_databak.sh#创建文件</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">nano mysql\_databak.sh #编辑文件, 输入以下内容</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">#####</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">#!/bin/sh</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">DUMP=/usr/bin/mysqldump #mysqldump备份程序执行路径</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">OUT\_DIR=/home/mysql\_data #备份文件存放路径</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">LINUX\_USER root #系统用户名</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">DB\_NAME=pw85 #要备份的数据库名字</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">DB\_USER=root #数据库账号 注意: 非root用户要用备份参数--skip-lock-tables, 否则可能会报错</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">DB\_PASS=123456 #数据库密码</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde";">&nbsp;</span></strong></span></p></div><div><p>原文链接: <a href="https://www.cnblogs.com/chenyong/p/11111111.html">ubuntu下自动备份mysql数据库</a></p></div>

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;">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><sp
n style="font-family: 'arial black', 'avant garde';">DAYS=7 #DAYS=7代表删除7天前的备份，即
保留最近7天的备份</span></strong></span><br /><span style="font-size: medium;"><stro
g><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span>
br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avan
garde';">cd $OUT_DIR #进入备份存放目录</span></strong></span><br /><span style="fon
t-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</sp
n></strong></span><br /><span style="font-size: medium;"><strong><span style="font-f
amily: 'arial black', 'avant garde';">DATE=`date +%Y_%m_%d` #获取当前系统时间</span></str
ng></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'ari
l black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: med
ium;"><strong><span style="font-family: 'arial black', 'avant garde';">OUT_SQL="$DATE.sql"
备份数据库的文件名</span></strong></span><br /><span style="font-size: medium;"><str
ng><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span>
<br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'av
nt garde';">TAR_SQL="mysqldata_bak_$DATE.tar.gz" #最终保存的数据库备份文件名</span></
trong></span><br /><span style="font-size: medium;"><strong><span style="font-family:
arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size:
medium;"><strong><span style="font-family: 'arial black', 'avant garde';">$DUMP -u$DB_US
R -p$DB_PASS $DB_NAME --default-character-set=utf8 --opt -Q -R --skip-lock-tables&gt; $
UT_SQL #备份</span></strong></span><br /><span style="font-size: medium;"><strong>
span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /
<span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant gar
e';">tar -czf $TAR_SQL ./ $OUT_SQL #压缩为.tar.gz格式</span></strong></span><br /><spa
style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">
&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span st
le="font-family: 'arial black', 'avant garde';">rm $OUT_SQL #删除.sql格式的备份文件</span></
trong></span><br /><span style="font-size: medium;"><strong><span style="font-family:
arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size:
medium;"><strong><span style="font-family: 'arial black', 'avant garde';">chown $LINUX_US
R:$LINUX_USER $OUT_DIR/$TAR_SQL #更改备份数据库文件的所有者</span></strong></span>
<br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'av
nt garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><str
ng><span style="font-family: 'arial black', 'avant garde';">find $OUT_DIR -name "mysqldata_
ak*" -type f -mtime +$DAYS -exec rm {} \; #删除7天前的备份文件(注意: {} \;中间有空格)</span
</strong></span><br /><span style="font-size: medium;"><strong><span style="font-fami
ly: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-si
e: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">#####
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"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong><
span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial blac
', 'avant garde';">ctrl+o #保存配置</span></strong></span><br /><span style="font-size:
edium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></st
ong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'ar
ial black', 'avant garde';">ctrl+x #退出</span></strong></span><br /><span style="font-siz
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strong></span><br /><span style="font-size: medium;"><strong><span style="font-family:
'arial black', 'avant garde';">3、修改文件属性，使其可执行</span></strong></span><br /><
span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde'
">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><sp
n style="font-family: 'arial black', 'avant garde';">chmod +x /home/mysql_data/mysql_databa
.sh</span></strong></span><br /><span style="font-size: medium;"><strong><span styl
="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span st
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le="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">4、  
改/etc/crontab</span></strong></span><br /><span style="font-size: medium;"><strong>  
<span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br  
><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant ga  
de';">nano /etc/crontab #编辑文件，在下面添加</span></strong></span><br /><span style  
"font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</s  
pan></strong></span><br /><span style="font-size: medium;"><strong><span style="f  
nt-family: 'arial black', 'avant garde';">45 22 \* \* \* root /home/mysql\_data/mysql\_databak.sh  
表示每天22点45分执行备份</span></strong></span><br /><span style="font-size: medium;  
><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong><  
span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial blac  
, 'avant garde';">ctrl+o #保存配置</span></strong></span><br /><span style="font-size:  
edium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></st  
ong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'ar  
al black', 'avant garde';">ctrl+x #退出</span></strong></span><br /><span style="font-siz  
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strong></span><br /><span style="font-size: medium;"><strong><span style="font-family:  
'arial black', 'avant garde';">5、重新启动cron使设置生效</span></strong></span><br /><s  
an style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';  
>&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><spa  
style="font-family: 'arial black', 'avant garde';">service cron stop&nbsp;<#停止</span></stro  
g></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial  
black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: med  
um;"><strong><span style="font-family: 'arial black', 'avant garde';">service cron start&nbsp;<#启动</span></stro  
></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">/e  
c/init.d/cron restart&nbsp;<#重启</span></strong></span><br /><span style="font-size: m  
edium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</span></str  
ng></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'ari  
l black', 'avant garde';">chkconfig cron on&nbsp;<#设为开机启动</span></strong></span><br /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant  
arde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong>  
<span style="font-family: 'arial black', 'avant garde';">每天你在/home/mysql\_data目录下可  
看到类似mysqldata\_bak\_2012\_04\_11.tar.gz这样的压缩文件</span></strong></span><br /><  
pan style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde'  
">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong><sp  
n style="font-family: 'arial black', 'avant garde';">如果需要恢复文件的时候，只需要把这个文件  
压：tar -zxvf mysqldata\_bak\_2012\_04\_11.tar.gz</span></strong></span><br /><span style  
"font-size: medium;"><strong><span style="font-family: 'arial black', 'avant garde';">&nbsp;</s  
pan></strong></span><br /><span style="font-size: medium;"><strong><span style="f  
nt-family: 'arial black', 'avant garde';">然后导入到数据库中即可。</span></strong></span><  
r /><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant  
garde';">&nbsp;</span></strong></span><br /><span style="font-size: medium;"><strong>  
><span style="font-family: 'arial black', 'avant garde';">至此，Ubuntu Server下MySQL数据库  
份脚本完成。</span></strong></span></p><p><span style="font-size: medium;"><strong><span style="font-family: 'arial black', 'avant  
garde';">本篇文章来源于 Linux公社网站(<a href="http://www.linuxidc.com/">www.linuxidc.co  
</a>)&nbsp;&nbsp;&nbsp;原文链接：<a href="http://www.linuxidc.com/Linux/2012-09/71088.htm"  
http://www.linuxidc.com/Linux/2012-09/71088.htm</a></span></strong></span></p>