

# 另一個MySQL DBA

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2013年5月6日 星期一

## 從來源的MySQL :: MariaDB的:: Percona的建築

Original Post: <http://anothermysqldb.blogspot.com/2013/05/building-from-source-mysql-mariadb.html>

這是可能的，在同一服務器上運行一個以上的MySQL服務器。 有時人們可能會想安裝其他版本的數據庫在同一硬件上測試的目的，以及評估。

安裝源和自定義安裝為每個數據庫比聽起來更容易一些。 我會建議檢討MySQL的沙盒，雖然第一次，因為它允許做得非常快速，方便地評估和測試。 然而，從源代碼安裝工作更好地為我的時候，我做了一些比較。 下面是我使用的過程。 我會希望打造出了未來的博客文章，有一次我與這些數據庫調整，然後配置。

<http://dev.mysql.com/doc/refman/5.6/en/installing-source-distribution.html>

這是默認信息mysql.com。 我已經安裝了MySQL，所以我沒有執行下面的，但我想在這裡僅供參考。 您可以比較這些步驟到MySQL，MariaDB的和Percona的源代碼安裝的，下面也看到我是如何更新的默認步驟，以獲得所有三個版本的同一台機器上運行的數據庫。（這裡沒有生產價值做只是為了測試的過程。）

```
# Preconfiguration setup
shell> groupadd mysql
shell> useradd -r -g mysql mysql

# Beginning of source-build specific instructions
shell> tar zxvf mysql-VERSION.tar.gz
shell> cd mysql-VERSION
shell> cmake .
shell> make
shell> make install
# End of source-build specific instructions

# Postinstallation setup
shell> cd /usr/local/mysql
shell> chown -R mysql .
shell> chgrp -R mysql .
shell> scripts/mysql_install_db --user=mysql
shell> chown -R root .
shell> chown -R mysql data

# Next command is optional
shell> cp support-files/my-medium.cnf /etc/my.cnf
shell> bin/mysqld_safe --user=mysql &

# Next command is optional
shell> cp support-files/mysql.server /etc/init.d/mysql.server
```

If you prefer to use the mysql.server腳本啟動和停止，確保相應的審查和編輯。



```
# Preconfiguration setup
shell> groupadd oracle_mysql
shell> useradd -r -g # Preconfiguration setup
shell> groupadd oracle_mysql
shell> useradd -r -g oracle_mysql oracle_mysql oracle_mysql
# Beginning of source-build specific instructions
shell> tar zxvf MariaDB -VERSION .tar.gz
shell> cd MySQL-VERSION
shell> cmake .
shell> make
shell> make install DESTDIR="/usr/local/" # Beginning of source-build specific instructions
```

### 熱門文章

[如何調整MySQL服務器的](#)

[從MySQL直接導出CSV](#)

[MySQL的表錯誤1064](#)

[MySQL的訪問和複製被secure\\_auth](#)

[MySQL錯誤（HY000）：無法創建文件/寫入文件](#)

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106,136

### MySQL MariaDB Percona replication

MySQL Sandbox Xtrabackup install source SUBSTRING Ubuntu mysql\_config\_editor mysqlbinlog postgresql procedures routines Debian Fedora GRANT INNODB LOCATE MySQL 5.6 MySQL Proxy Percona 5.6 Percona Toolkit RED HAT The server quit without updating PID file YUM benchmark create user events floor() forums.mysql.com innodb\_flush\_log\_at\_trx\_commit mysql\_install\_db mysqlslap partition pivot table procedure rand() secure\_auth status variables tips tools of the trade webscalesql world --skip-grant-tables Apache Benchmark Backup CHAR\_LENGTH CHECK TABLE CHECKSUM Cassandra Storage Engine CentOS Circular replication Clone MySQL users Cloud SQL Community Credo DISABLE ON SLAVE Docker ERROR 1049 (42000): Unknown database 'mysql' ERROR 1146 ERROR 1356 EVENT Einstein Euler's formula Fibonacci Find MySQL DBAs Find MySQL JOBS GCC GIS GMP GROUP REPLICATION GTID Galera Globalization improvements HANDLER HAproxy HY000 Haversine formula How To MySQL Proxy IBDATA IF IGNORE Incorrect key file InnoDB enhancements InnoDB\_online\_DDL Innotop LIBELF LIKE Linux distributions Load Data Loop MATH MD5() MEMCACHE MEMORY MPC MPFR MariaDB MaxScale Metrics Multi-source replication MySQL 5.5 MySQL 5.7 MySQL 8.0 MySQL Certifications MySQL ERROR MySQL Information MySQL Interview MySQL Interview Questions MySQL Magic Square MySQL Router MySQL Technical Questions MySQL Tuner MySQL Upgrade MySQL Utilities MySQL performance Mysql update NGINX NoSQL OS X PHP Password Expiration Password generation Pecona Percona XtraDB Cluster ProxySQL Pythagorean Theorem Quadratic Formula Query Cache Efficiency REGEXP RENAME index Restore SHOW EXPLAIN SLAVE IO\_THREAD SLAVESIDE\_DISABLED SQL\_NO\_CACHE STOP SLAVE STOP SLAVE SQL\_THREAD SUBPARTITION SUBSTRING\_INDEX Security improvements Slow\_queries Solaris Survey TEMPORARY TRAILING TRIM Triggers Tungsten UCASE User Feedback Plugin VIEW Variables ab apparmor.ubuntu binlog common\_schema connection verification constraints csv file current\_user database rename dd defaults-file distance between two points downgrade downtime employee ermo: 13 error 1064 error number 13 event scheduler explain for fun foreign key github heartbleed updates hints index information\_schema innobackup innobackupex innodb\_additional\_mem\_pool\_size innodb\_buffer\_pool\_size innodb\_log\_buffer\_size innodb\_log\_file\_size innodb\_strict\_mode keepalived key\_buffer\_size lat/long

```
shell> tar zxvf MariaDB -VERSION .tar.gz
shell> cd MySQL-VERSION
shell> cmake .
shell> make
shell> make install DESTDIR=" /usr/local/ oracle_mysql的TMP "
# End of source-build specific instructions

I do not like the results
-- Installing: /usr/local/ oracle_mysql的TMP的/ usr / local / mysql下/
If DESTDIR is should install into that location not start with user under that
location. This is a MySQL original issue as it does this with all versions of
MySQL.

# Fix the odd/bug setup
shell> cd /usr/local/ If DESTDIR is should install into that location not start
with user under that location. This is a MySQL original issue as it does this with
all versions of MySQL.

# Fix the odd/bug setup
shell> cd /usr/local/ oracle_mysql的TMP
shell> mv usr/local/mysql/ ../ oracle_mysql ;
shell> cd ../; # rm -Rf oracle_mysql shell> cd ../; # rm -Rf -TMP

# Postinstallation setup
shell> cd /usr/local/ oracle_mysql的
shell> chown -R
shell> chown -R oracle_mysql .
shell> chgrp -R oracle_mysql .

# Next command is optional
shell> cp support-files/my-small.cnf /etc/ # Next command is optional
shell> cp support-files/my-small.cnf /etc/ oracle_mysql的.cnf
shell> vi /etc/ .cnf shell> vi /etc/ oracle_mysql的.cnf

port = 3309

socket = /tmp/ oracle_mysql .sock

shell> scripts/mysql_install_db --defaults-file=/etc/oracle_mysql.cnf --
basedir=/usr/local/oracle_mysql --skip-name-resolve --datadir=/var/lib/oracle_mysql
--user=oracle_mysql
shell> chown -R oracle_mysql /var/lib/oracle_mysql /*

shell> # bin/mysqld_safe --defaults-file=/etc/ oracle_mysql .cnf --user= oracle_mysql --
datadir=/var/lib/ oracle_mysql / --port=3309 &

shell> # bin/ mysql --port=3309 --socket=/tmp/ oracle_mysql .sock
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 1
Server version: 5.5.31 Source distribution

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```



```
# Preconfiguration setup
shell> groupadd mariadb
shell> useradd -r -g mariadb mariadb

# Beginning of source-build specific instructions
shell> tar zxvf MariaDB -VERSION .tar.gz
shell> cd MariaDB-VERSION
shell> cmake .
shell> make
shell> make install DESTDIR=" /usr/local/ mariadb -tmp "
# End of source-build specific instructions

I do not like the results
-- Installing: /usr/local/ mariadb-tmp /usr/local/mysql/
```

log\_slave\_updates lower-test master  
max\_binlog\_cache\_size max\_connections  
max\_relay\_log\_size max\_write\_lock\_count  
monitoring my.cnf mycheckpoint mysql-connector-  
python mysql-utilities mysql-workbench-  
community mysql\_upgrade mysqld\_multi  
mysqld\_safe mysqldumpslow mysqlsla  
mysqluserclone oscommerce outfile pager parse  
string partitioning partitions passwords permissions  
perror point-in-time-recovery ps\_helper pt-query-  
digest pt-slave-delay python query\_cache\_size  
random data random integer relay-log remote dba  
remove replicaion rotate slow log routine sakila  
sample databases shrink size per table slave slow  
log slow\_query\_log spatial data types sql\_mode  
sync\_binlog sync\_relay\_log\_info sysbench  
systemctl table\_cache tables tablespace  
thread\_cache\_size tinyxml to many connections  
transaction tungsten-replicator upgrade users  
varchar volunteer while loop

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## Twitter



If DESTDIR is should install into that location not start with user under that location. This is a MySQL original issue as it does this with all versions of MySQL.

```
# Fix the odd/bug setup
shell> cd /usr/local/ mariadb -tmp
shell> mv usr/local/mysql/ ../ mariadb ;
shell> cd ../; # rm -Rf mariadb -tmp
```

```
# Postinstallation setup
shell> cd /usr/local/mariadb
shell> chown -R mariadb .
shell> chgrp -R mariadb .
```

# 下的命令是可選的  
外殼> CP support-files/my-small.cnf的/ etc / CNF MariaDB的。

CNF殼> VI的/ etc / MariaDB的。

端口= 3308

插座= / tmp目錄/ MariaDB的襪子

```
shell> scripts/mysql_install_db --defaults-file=/etc/mariadb.cnf --
basedir=/usr/local/ mariadb --skip-name-resolve --datadir=/var/lib/mariadb --
user= mariadb
shell> chown -R mariadb /var/lib/ mariadb /*
```

```
shell> # bin/mysqld_safe --defaults-file=/etc/ mariadb .cnf --user= mariadb --
datadir=/var/lib/mariadb / --port=3308 &
```

```
shell> # bin/ mysql --port=3308 --socket=/tmp/ mariadb .sock
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 1
Server version: 5.5.30-MariaDB Source distribution
```

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```
# Preconfiguration setup
shell> groupadd percona
shell> useradd -r -g percona percona

# Beginning of source-build specific instructions
shell> tar zxvf Percona-Server-VERSION .tar.gz
shell> cd Percona-Server-VERSION
shell> cmake .
shell> make
shell> make install DESTDIR="/usr/local/percona-tmp"
# End of source-build specific instructions
```

I do not like the results

-- Installing: /usr/local/percona-tmp/usr/local/mysql/

If DESTDIR is should install into that location not start with user under that location. This is a MySQL original issue as it does this with all versions of MySQL.

```
# Fix the odd/bug setup
shell> cd /usr/local/percona-tmp
```

```
shell> mv usr/local/mysql/ ../percona ;
```

```
shell> cd ../; # rm -Rf percona-tmp
```

```
# Next command is optional
shell> cp support-files/my-small.cnf /etc/ percona .cnf
```

```
shell> vi /etc/ percona .cnf
```

port = 3307

## 米目 @AnotherMySQLDBA 的推文

AnotherMyS...



· 2022年11月18日

Looking to help others for Christmas  
[smile.amazon.com/hz/charitylist](https://smile.amazon.com/hz/charitylist)  
...



AnotherMySQLDBA - Keith Larson 已转推

The New Y...



· 2020年9月30日

We fact-checked tonight's presidential debate. See more here. [nyti.ms/2SePTJ2](https://nyti.ms/2SePTJ2)

Tweets about "#mysql"



Archived version:

```
socket = /tmp/percona.sock

# 安裝後的設置
外殼> CD的/ usr /本地/ Percona的
殼>喬敦-R Percona的。
外殼> chgrp命令的Percona的。

外殼脚本/ mysql_install_db的 -默認文件為/ etc / percona.cnf -BASEDIR = /USR /本地/ Percona的-跳過名稱決心的- DATADIR =的/ var / lib中/ Percona的-用戶= Percona的
外殼>喬敦-R Percona的的/ var / lib / Percona的中/ *
外殼> # 斌/ mysqld_safe的-默認文件為/ etc / percona.cnf -用戶= Percona的- DATADIR =的/ var / lib / Percona的中/ -端口= 3307

外殼> # 斌/ MySQL的-端口= 3307 -插座= / TMP / percona.sock中
歡迎到MySQL監視器。 命令結束或\ G。
你的MySQL連接ID為1
服務器版本： 30年5月5日來源分佈

版權所有（c） 2000年，2013年，甲骨文公司及/或其附屬公司。 保留所有權利。
```

現在我有機會向所有3種口味或MySQL。

為了方便客戶端訪問，我加入這個我bashrc文件：

- 別名Percona的=/USR /本地/ Percona的/ bin中/ MySQL的 - 端口= 3307 - 插座= / tmp / percona.sock中'
- 別名oracle\_mysql =/USR /當地/ oracle\_mysql / BIN / MySQL的 - 端口= 3309 - 插座= / TMP / oracle\_mysql.sock中'
- 別名瑪麗亞=/USR /本地/ MariaDB的/ bin中/ MySQL的 - 端口= 3308 - 插座= / TMP / mariadb.sock的的'

发帖者 [Keith Larson \( anothermysqldb \)](#) 时间： ~~23:50~~

标签： [MariaDB](#), [MySQL](#), [MySQL Sandbox](#), [Percona](#), [source](#)

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