— *2016/02/16 10:29*

MySQL 5.6 Binary Installation

: http://dev.mysql.com/doc/refman/5.6/en/binary-installation.html

CentOS 6

yum   apt-get   MySQL

  . (   )   MySQL
                                            . /etc/my.cnf   /
etc / mysql   .

MySQL   libaio   . mysql_install_db   mysqld_safe
                                          .
         .   , Yum   .

```
shell> yum search libaio   # search for info
shell> yum install libaio # install library
```

    apt-get   .

```
shell> apt-cache search libaio # search for info
shell> apt-get install libaio1 # install library
```

        Unix / Linux   MySQL

bin	mysqld
data	,
docs	Info
man	Unix
include	( )
lib	
scripts	mysql_install_db
share	, SQL
sql-bench	

- MySQL 5.6 Binary tar.gz
- install libaio Library

MySQL   .

```
[user@host]# groupadd mysql
[user@host]# useradd -r -g mysql mysql
[user@host]# cd /usr/local
[user@host]# tar zxvf /path/to/mysql-VERSION-OS.tar.gz
[user@host]# ln -s full-path-to-mysql -VERSION-OS mysql
[user@host]# cd mysql
[user@host]# chown -R mysql.
[user@host]# chgrp -R mysql.
[user@host]# scripts/mysql_install_db --user=mysql
[user@host]# chown -R root.
[user@host]# chown -R mysql data
[user@host]# bin / mysqld_safe --user=mysql &

# Next command is optional
[user@host]# cp support-files/mysql.server /etc/init.d/mysql.server
```

                                              .

mysql

                              mysqld   .
        dba   mysql   .   dba
   .   ,   . useradd   groupadd   Unix
                              adduser   addgroup   .

```
[user@host]# groupadd dba
[user@host]# useradd -r -g dba mysql
```

                                                          useradd   -r
                                        .
   (useradd   )   .

my.cnf

```
# For advice on how to change settings please see
# http://dev.mysql.com/doc/refman/5.6/en/server-configuration-defaults.html

[mysqld]
#
# Remove leading # and set to the amount of RAM for the most important data
# cache in MySQL. Start at 70% of total RAM for dedicated server, else 10%.
# innodb_buffer_pool_size = 128M
#
# Remove leading # to turn on a very important data integrity option:
logging
# changes to the binary log between backups.
# log_bin
#
# Remove leading # to set options mainly useful for reporting servers.
# The server defaults are faster for transactions and fast SELECTs.
# Adjust sizes as needed, experiment to find the optimal values.
# join_buffer_size = 128M
# sort_buffer_size = 2M
# read_rnd_buffer_size = 2M
datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock

# Disabling symbolic-links is recommended to prevent assorted security risks
symbolic-links=0

# Recommended in standard MySQL setup
sql_mode=NO_ENGINE_SUBSTITUTION,STRICT_TRANS_TABLES

[mysqld_safe]
log-error=/var/log/mysqld.log
pid-file=/var/run/mysqld/mysqld.pid
```

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Last update: **2016/02/16 02:48**