额外加分作业

1 下载maridb源码

mriadb5.5.56 for centos7 rpm包:

http://rpm.pbone.net/index.php3/stat/26/dist/94/size/40850908/name/mariadb-5.5.562.el7.src.rpm

2 将下载的源码rpm解压,将解压出的mariadb-5.5.56.tar.gz再解压

下载后使用rpm2cpio mariadb-5.5.56-2.el7.src.rpm | cpio -div解压rpm包之后再用tar -zxf mariadb-5.5.56.tar.gz解压出mariadb的源码

3 编译mariadb的静态库

进入源码目录cd mariadb-5.5.56

使用cmake . -DMYSQL_UNIX_ADDR=/var/lib/mysql/mysql.sock将默认变编译的Mysql socket的文件位置从/tmp/mysql.sock改成Centos环境中的/var/lib/mysql/mysql.sock 编译make

将编译后得到的libmysql/libmysqlclient.a复制到mysql_demo.cpp的相同目录下

4 取得其他需要的静态库文件

```
下载libstdc++-static
```

https://rpmfind.net/linux/centos/7.5.1804/os/x86_64/Packages/libstdc++-static-4.8.5-28.el7.x86_64.rpm

解压

rpm2cpio libstdc++-static-4.8.5-28.el7.x86_64.rpm | cpio -div 将解压出来的usr/lib/gcc/x86_64-redhat-linux/4.8.2/libstdc++.a复制到mysql_demo.cpp的相同目录下

下载zlib-static

https://rpmfind.net/linux/centos/7.5.1804/os/x86_64/Packages/zlib-static-1.2.7-17.el7.x86 64.rpm

解压

rpm2cpio zlib-static-1.2.7-17.el7.x86_64.rpm | cpio -div 将解压出来的usr/lib64/libz.a复制到mysql demo.cpp的相同目录下

5 准备makefile文件

编译mysql_demo.cpp的makefile文件:

```
all : mysql_demo

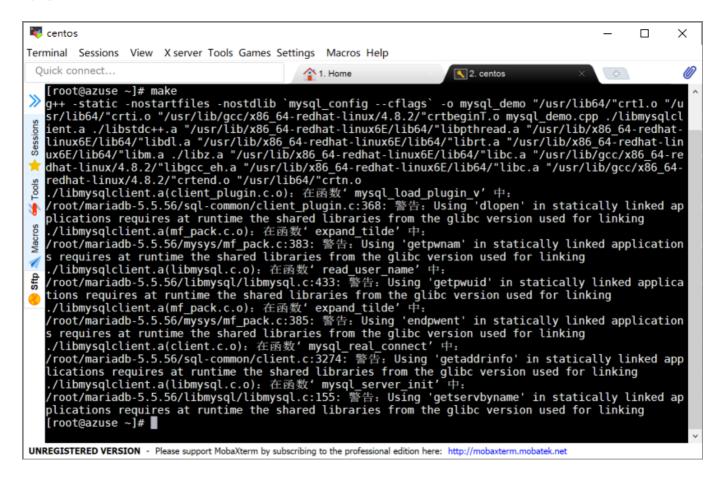
MYLIBDIR = "/usr/lib/x86_64-redhat-linux6E/lib64/"

MYLIBDIR2 = "/usr/lib/gcc/x86_64-redhat-linux/4.8.2/"

MYLIBDIR3 = "/usr/lib64/"
```

6编译C++静态mysql程序

make



正常编译出静态可执行文件

