<https://ask.csdn.net/questions/671469>

使用cmake首先编译了一个静态库，这个静态库链接其他的动态库（log4cpuls.so）。  
然后在编译另外一个动态库的时候遇到如下链接错误：

Linking CXX shared library libfcnetwork.so

/usr/bin/ld: ../ssqhelper/libssqhelper.a(cpu\_binder.cpp.o): relocation R\_X86\_64\_32 against `.bss' can not be used when making a shared object; recompile with -fPIC

../ssqhelper/libssqhelper.a: error adding symbols: Bad value

collect2: error: ld returned 1 exit status

make[2]: \*\*\* [fcnetwork/libfcnetwork.so] Error 1

make[1]: \*\*\* [fcnetwork/CMakeFiles/fcnetwork.dir/all] Error 2

我已经在cmake文件里加了  
SET(CMAKE\_CXX\_FLAGS "-fPIC")  
SET(CMAKE\_C\_FLAGS "-fPIC")  
但还是报这个错误，请问是哪里需要修改吗？报错中提到了cpu\_binder.cpp，这个文件里引用了sys/sysinfo.h sched.h pthread.h vector unordered\_map 几个头文件。  
以下是动态库的cmakelists

PROJECT(fcnetwork)

SET(CMAKE\_CXX\_FLAGS\_DEBUG "$ENV{CXXFLAGS} -O0 -Wall -g -fPIC -ggdb ")

SET(CMAKE\_CXX\_FLAGS\_RELEASE "$ENV{CXXFLAGS} -O3 -Wall -fPIC")

SET(CMAKE\_CXX\_FLAGS "-fPIC")

SET(CMAKE\_C\_FLAGS "-fPIC")

ADD\_DEFINITIONS(-std=c++11)

INCLUDE\_DIRECTORIES(../3rd/log4cplus\_1\_2\_1/include ../3rd/libevent\_2\_1\_8/include include)

LINK\_DIRECTORIES(../3rd/libevent\_2\_1\_8/debug ../3rd/log4cplus\_1\_2\_1/debug ./ssqhelper)

AUX\_SOURCE\_DIRECTORY(src DIR\_SRC)

ADD\_LIBRARY(${PROJECT\_NAME} SHARED ${DIR\_SRC})

TARGET\_LINK\_LIBRARIES(${PROJECT\_NAME} ssqhelper log4cplus event-2.1 event\_core-2.1 event\_extra-2.1 event\_pthreads-2.1 pthread ld)

下面是静态库的cmakelists

cmake\_minimum\_required(VERSION 2.8)

PROJECT(ssqhelper)

SET(CMAKE\_CXX\_FLAGS\_DEBUG "$ENV{CXXFLAGS} -O0 -Wall -g -ggdb ")

SET(CMAKE\_CXX\_FLAGS\_RELEASE "$ENV{CXXFLAGS} -O3 -Wall")

ADD\_DEFINITIONS(-std=c++11)

INCLUDE\_DIRECTORIES(../3rd/log4cplus\_1\_2\_1/include)

LINK\_DIRECTORIES(../3rd/log4cplus\_1\_2\_1/debug)

INCLUDE\_DIRECTORIES(include)

AUX\_SOURCE\_DIRECTORY(src DIR\_SRC)

ADD\_LIBRARY(ssqhelper STATIC ${DIR\_SRC})

TARGET\_LINK\_LIBRARIES(${PROJECT\_NAME} log4cplus)

你这个先试试Make clean 下，再进行Make.