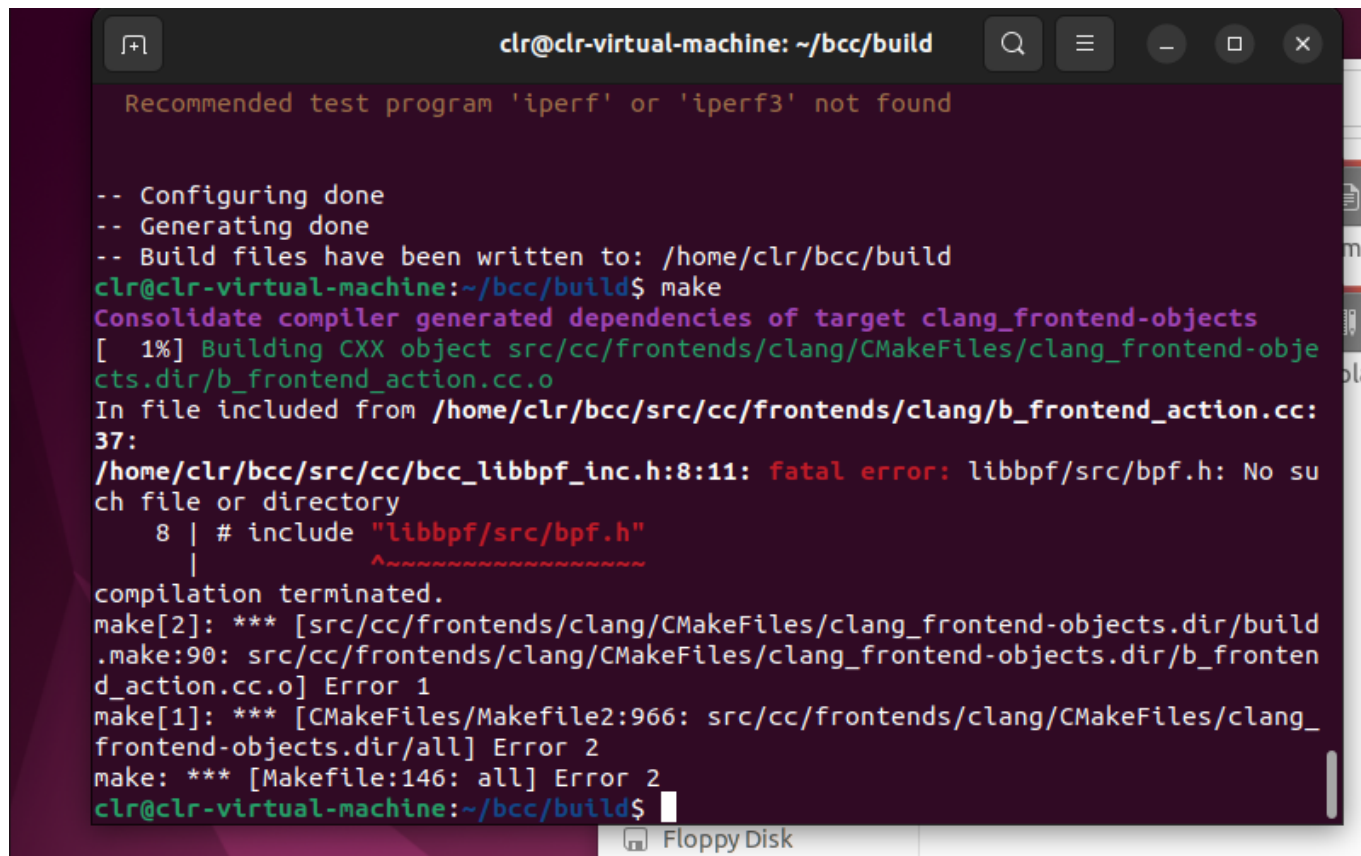


# 补充手册

## 问题说明

有的同学可能在安装bcc时会遇到如下的问题：



```
clr@clr-virtual-machine: ~/bcc/build

Recommended test program 'iperf' or 'iperf3' not found

-- Configuring done
-- Generating done
-- Build files have been written to: /home/clr/bcc/build
clr@clr-virtual-machine:~/bcc/build$ make
Consolidate compiler generated dependencies of target clang_frontend-objects
[ 1%] Building CXX object src/cc/frontends/clang/CMakeFiles/clang_frontend-objects.dir/b_frontend_action.cc.o
In file included from /home/clr/bcc/src/cc/frontends/clang/b_frontend_action.cc:
37:
/home/clr/bcc/src/cc/bcc_libbpf_inc.h:8:11: fatal error: libbpf/src/bpf.h: No such
file or directory
    8 | # include "libbpf/src/bpf.h"
      |
compilation terminated.
make[2]: *** [src/cc/frontends/clang/CMakeFiles/clang_frontend-objects.dir/build
.make:90: src/cc/frontends/clang/CMakeFiles/clang_frontend-objects.dir/b_frontend
d_action.cc.o] Error 1
make[1]: *** [CMakeFiles/Makefile2:966: src/cc/frontends/clang/CMakeFiles/clang_
frontend-objects.dir/all] Error 2
make: *** [Makefile:146: all] Error 2
clr@clr-virtual-machine:~/bcc/build$
```

这可能是由于网络问题，在git clone子模块时失败了，如果遇到了可以通过依次执行如下命令尝试解决。该解决方案本质上是下载一个打包了子模块的源码包。

```
mkdir ~/bcc_submodule
cd ~/bcc_submodule
wget https://github.com/iovisor/bcc/releases/download/v0.27.0/bcc-src-with-submodule.tar.gz
tar xzvf bcc-src-with-submodule.tar.gz
mkdir bcc/build; cd bcc/build
cmake ..
make
sudo make install
cmake -DPYTHON_CMD=python3 ..
pushd src/python/
make
sudo make install
popd
```

安装完成后请重新回到原实验手册中进一步操作。