

1.

docker pull BLVC/caffe

2.

apt-get update

apt-get install vim

3.

```
1 cd /opt/caffe
2 # In the directory you installed Caffe to
3 protoc src/caffe/proto/caffe.proto --cpp_out=.
4 mkdir include/caffe/proto
5 mv src/caffe/proto/caffe.pb.h include/caffe/proto
```

4.

编译:

```
1 c++ -std=c++11 -O2 -fPIC -I/opt/caffe/include test-caffe.cpp -o test-caffe -L/opt/caffe/build/lib/ -lcaffe -lboost_system -lboost_thread -lglog
```

遇到的问题:

```
1 /usr/bin/ld: /tmp/ccIkByiI.o: undefined reference to symbol '_ZN5boost6system15system_categoryEv'
2 //usr/lib/x86_64-linux-gnu/libboost_system.so.1.58.0: error adding symbols: DSO missing from command line
```

需要在编译语句加: **-lboost\_system**

```
1 /usr/bin/ld: /tmp/cckoNotB.o: undefined reference to symbol '_ZN6google4base21CheckOpMessageBuilder7ForVar2Ev'
2 //usr/lib/x86_64-linux-gnu/libglog.so.0: error adding symbols: DSO missing from command line
3 collect2: error: ld returned 1 exit status
```

需要在编译语句加: **-lglog**