**test\_blob.cpp**

export LD\_LIBRARY\_PATH=[caffe\_path]/build/install/lib:${LD\_LIBRARY\_PATH}

gcc -o test\_blob test\_blob.cpp -D CPU\_ONLY -lcaffe -lstdc++ -lglog

**ly.helloworld.proto**

protoc -I=. --cpp\_out=. ly.helloworld.proto

**test\_pb.cpp**

gcc -o test\_pb test\_pb.cpp [ly.helloworld.pb.cc](http://ly.helloworld.pb.cc) -lprotobuf -lstdc++