C：<https://github.com/microsoft/SEAL/tree/3.3.2#linux-and-macos>

Python：<https://github.com/Huelse/SEAL-Python>

版本号：

Pyseal的SEAL版本默认为3.3.2版，可版本更新，另装

CMake (>= 3.10), GNU G++ (>= 6.0) or Clang++ (>= 5.0), Python (>=3.6.8)

sudo apt-get update && sudo apt-get install g++ make git python3 python3-dev python3.6-pip

sudo apt-get update

1.cmake安装

<https://blog.csdn.net/ykiwmy/article/details/96838373>

2.G++、Gcc 7安装

更换python版本后出现 No module named "apt\_pkg"：

<https://blog.csdn.net/jaket5219999/article/details/78464310>

安装:

<https://blog.csdn.net/weixin_40628128/article/details/89839268>

3. sudo apt-get install g++ make git python3 python3-dev

[**设置ubuntu默认输入python进入python3**](https://www.cnblogs.com/z-x-y/p/9447697.html)

<https://www.cnblogs.com/z-x-y/p/9447697.html>

4.稳定版Python3.6.8安装（不能删系统默认装的3.5版，不然好多麻烦）

安装python3.6

https://blog.csdn.net/weixin\_42555131/article/details/87916002

https://www.cnblogs.com/future-dream/p/11401394.html

zhonghao@zhonghao:~$ sudo add-apt-repository ppa:jonathonf/python-3.6

zhonghao@zhonghao:~$ sudo apt-get update

zhonghao@zhonghao:~$ sudo apt install python3.6

sudo apt install python3.6-dev

sudo apt install python3-dev

sudo apt install python3-pip

5.依赖库安装，大部分可一步安装，Eigen比较麻烦点

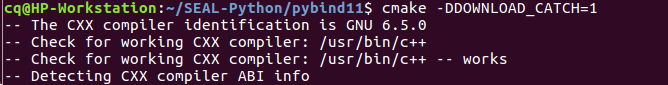
sudo pip3 install numpy

# ubuntu如何安装Eigen

# <https://blog.csdn.net/xiat5/article/details/79162617>

6.中间报错，返回/pybind11下，cmake –DDOWNLOAD\_CATCH=1

此目录下：



7.测试代码或更新SEAL版本时，手动把.so和py放在同个目录下，

Pytorch minist example：

1. 错误：import six没安装

[www.github.com/benjaminp/six/releases](http://www.github.com/benjaminp/six/releases) 1.13.0版本zip下载

python3 setup.py install

2．

https://pypi.org/project/matplotlib

<https://pypi.python.org/pypi/python-dateutil>

* The .so file need in the same folder, or you had make install it already.