MacOS从源码安装python

下载最新的python3

1. 安装homebrew

/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"

1. 安装openssl，wget

brew install openssl

brew install zlib

brew install wget

1. 设置安装目录，放在～/Py3下

mkdir ~/Py3

echo “export HOME=~” > ~/.bash\_profile

echo “export PATH=$HOME/Py3/bin:$PATH” >> ~/.bash\_profile

echo “export LD\_LIBRARY\_PATH=$HOME/Py3/lib” >> ~/.bash\_profile

echo “export PKG\_CONFIG\_PATH=$(brew --prefix openssl)/lib/pkgconfig:$(brew --prefix zlib)/lib/pkgconfig” >> ~/.bash\_profile

1. 下载python3

https://www.python.org

1. 展开python源码

tar xvf ~/Downloads/Python.xxx.tar

1. 修改和配置

进入python目录，在modules目录下修改setup文件，将zlib开始行的“#”删除，退回到Python目录，配置编译环境

cd Python\*

./configure --prefix=~/Py3 --enable-framework --enable-optimizations

1. 编译安装

Make && make install

1. 完成