安装pip命令：sudo easy\_install pip

安装biplist命令： pip install bliplist

切换到打包目录： workon packapp

退出打包目录 ：deactivate

RaydeiMac:~ ray$ brew install pip

Error: No available formula for pip

Homebrew provides pip via: `brew install python`. However you will then

have two Pythons installed on your Mac, so alternatively you can:

sudo easy\_install pip

RaydeiMac:~ ray$ sudo easy\_install pip

Password:

Searching for pip

Reading https://pypi.python.org/simple/pip/

Best match: pip 7.1.2

Downloading

Finished processing dependencies for pip

RaydeiMac:~ ray$ pip install biplist

Requirement already satisfied (use --upgrade to upgrade): biplist in /Library/Python/2.7/site-packages/biplist-0.9-py2.7.egg

RaydeiMac:~ ray$ python

Python 2.7.10 (default, Jul 14 2015, 19:46:27)

RaydeiMac:~ ray$ pip install biplist --upgrade

Requirement already up-to-date: biplist in /Library/Python/2.7/site-packages/biplist-0.9-py2.7.egg

RaydeiMac:~ ray$ which python

/usr/bin/python

RaydeiMac:~ ray$ python --version

Python 2.7.10

RaydeiMac:~ ray$ easy\_install --help

Global options:

--verbose (-v) run verbosely (default)

--quiet (-q) run quietly (turns verbosity off)

--dry-run (-n) don't actually do anything

--help (-h) show detailed help message

--no-user-cfg ignore pydistutils.cfg in your home directory

RaydeiMac:~ ray$ brew install pyenv-virtualenv

**==> Installing pyenv-virtualenv dependency: pyenv**

**==> Downloading**

RaydeiMac:~ ray$ brew list

autoconf openssl readline

automake pkg-config sqlite

brew-cask protobuf tree

clang-format proxychains-ng wget

gdbm pyenv xctool

libtool pyenv-virtualenv

RaydeiMac:~ ray$ sudo pip install virtualenvwrapper

Password:

The directory '/Users/ray/Library/Caches/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

The directory '/Users/ray/Library/Caches/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

Collecting virtualenvwrapper

Downloading virtualenvwrapper-4.7.1-py2.py3-none-any.whl

RaydeiMac:~ ray$ ls -la

total 7738968

drwxr-xr-x+ 45 ray staff 1530 11 23 13:31 .

drwxr-xr-x 5 root admin 170 11 5 2014 ..

-r-------- 1 ray staff 9 11 5 2014 .CFUserTextEncoding

-rw-r--r--@ 1 ray staff 14340 11 23 13:49 .DS\_Store

drwx------ 2 ray staff 68 11 23 14:13 .Trash

-rw------- 1 ray staff 15509 11 23 16:24 .bash\_history

-rw-r--r-- 1 ray staff 194 11 23 13:16 .bash\_profile

-rw-r--r-- 1 ray staff 27 8 7 17:47 .bash\_profile.pysave

-rw-r--r-- 1 ray staff 263 8 25 10:08 .clang-format

drwxr-xr-x 3 ray staff 102 12 2 2014 .cocoapods

drwxr-xr-x 3 ray staff 102 7 30 16:10 .config

drwxr-xr-x 3 root staff 102 11 23 13:16 .distlib

drwxr-xr-x 3 ray staff 102 9 22 2014 .gem

-rw-r--r-- 1 ray staff 117 11 27 2014 .gemrc

-rw-r--r-- 1 ray staff 436 11 12 16:59 .gitconfig

-rw-r--r--@ 1 ray staff 13 10 8 2014 .gitignore\_global

-rw-r--r--@ 1 ray staff 27 10 8 2014 .hgignore\_global

drwxr-xr-x 3 ray staff 102 8 7 17:43 .proxychains

drwx------ 5 ray staff 170 7 30 16:11 .ssh

drwxr-xr-x 6 ray staff 204 9 22 2014 .subversion

-rw------- 1 root staff 1034 11 27 2014 .viminfo

drwxr-xr-x 5 ray staff 170 11 12 15:32 .xnviewmp

drwxr-xr-x 17 ray staff 578 10 10 17:42 Alcatraz

drwx------ 4 ray staff 136 10 22 08:38 Applications

-rw-r-----@ 1 ray staff 2854360 9 26 2014 ColorSnapper 108.dmg

-rwxr-xr-x@ 1 ray staff 27711299 6 12 2014 Cornerstone\_v2.7.10.dmg

drwx------+ 49 ray staff 1666 11 23 16:06 Desktop

drwx------+ 60 ray staff 2040 11 12 17:49 Documents

drwx------+ 565 ray staff 19210 11 23 13:49 Downloads

drwx------@ 56 ray staff 1904 5 15 2015 Library

drwxr-xr-x 9 ray staff 306 5 4 2015 LotteryLibrary

drwx------+ 3 ray staff 102 9 22 2014 Movies

drwx------+ 5 ray staff 170 1 8 2015 Music

drwx------+ 8 ray staff 272 10 20 09:45 Pictures

-rw-r--r-- 1 ray staff 0 12 2 2014 Podfile

drwxrwxrwx 5 ray staff 170 11 11 15:00 Pods

drwxr-xr-x+ 5 ray staff 170 9 22 2014 Public

-rwxr-xr-x@ 1 ray staff 3903984708 3 15 2014 Xcode 5.1.dmg

-rwxr-xr-x@ 1 ray staff 27717101 5 17 2014 XnViewMP-mac\_101692.tgz

drwxr-xr-x@ 3 ray staff 102 5 15 2014 XnViewMP.app

drwxr-xr-x 7 root staff 238 11 23 13:27 biplist.egg-info

drwxr-xr-x 3 root staff 102 11 23 13:31 build

-rw-r--r-- 1 ray staff 6028 6 29 16:20 config.log

drwxr-xr-x 3 root staff 102 11 23 13:31 dist

drwxr-xr-x 33 ray staff 1122 6 30 10:46 protobuf-objc

RaydeiMac:~ ray$ vim ~/.bash\_profile

RaydeiMac:~ ray$ source ~/.bash\_profile

WARNING: Can't find virtualenvwrapper.sh

RaydeiMac:~ ray$ which virtualenvwrapper.sh

/usr/local/bin/virtualenvwrapper.sh

RaydeiMac:~ ray$ vim ~/.bash\_profile

RaydeiMac:~ ray$ source ~/.bash\_profile

-bash: /usr/bin/virtualenvwrapper.sh: No such file or directory

RaydeiMac:~ ray$ vim ~/.bash\_profile

RaydeiMac:~ ray$ brew list

autoconf gdbm protobuf readline xctool

automake libtool proxychains-ng sqlite

brew-cask openssl pyenv tree

clang-format pkg-config pyenv-virtualenv wget

RaydeiMac:~ ray$ brew uninstall pyenv-virtualenv

Uninstalling /usr/local/Cellar/pyenv-virtualenv/20150119... (11 files, 60K)

RaydeiMac:~ ray$ sudo pip install virtualenv --force-reinstall

The directory '/Users/ray/Library/Caches/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

The directory '/Users/ray/Library/Caches/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

Requirement already satisfied (use --upgrade to upgrade): virtualenv in /Library/Python/2.7/site-packages

RaydeiMac:~ ray$ source ~/.bash\_profile

WARNING: Can't find virtualenvwrapper.sh

RaydeiMac:~ ray$ vim ~/.bash\_profile

RaydeiMac:~ ray$ source ~/.bash\_profile

WARNING: Can't find virtualenvwrapper.sh

RaydeiMac:~ ray$ which virtualwrapper.sh

RaydeiMac:~ ray$ which virtualenvwrapper.sh

/usr/local/bin/virtualenvwrapper.sh

RaydeiMac:~ ray$ vim ~/.bash\_profile

RaydeiMac:~ ray$ source ~/.bash\_profile

virtualenvwrapper.user\_scripts creating

virtualenvwrapper: show this help message

wipeenv: remove all packages installed in the current virtualenv

workon: list or change working virtualenvs

RaydeiMac:~ ray$ mkvirtualenv packapp

New python executable in packapp/bin/python

Installing setuptools, pip, wheel...done.

(packapp)RaydeiMac:~ ray$ deactivate

RaydeiMac:~ ray$ workon packapp

(packapp)RaydeiMac:~ ray$ pip install biplist

Collecting biplist

Downloading biplist-0.9.tar.gz

ImportError: No module named biplist

(packapp)RaydeiMac:~ ray$ python /Users/ray/Desktop/TT/make.py

[Info] Loading settings for scheme 'Jackpot' ... (8121 ms)

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////////////////////////////////////////////////////////////////.py文件

#!/Users/wufan/env27/bin/python

# -\*- coding:utf-8 -\*-

# xctool -workspace "Jackpot.xcworkspace" -scheme "Jackpot" -configuration "Release" -sdk "iphoneos" CODE\_SIGN\_IDENTITY="iPhone Distribution: hangzhou dacaiwangluokeji Co.,Ltd. (BLU32697WN)" archive -archivePath "/Users/wufan/Desktop/archive"

import os

import time

import biplist

class IPABuilder:

def \_\_init\_\_(self):

# 原始 builder number

self.old\_bn = 0

# 当前 builder number

self.cur\_bn = 0

# 项目路径

self.project\_path = ''

# 输出文件前缀, '20151020\_v5.0\_501'

self.prefix\_name = ''

# 输出文件路径

self.output\_path = ''

self.archive\_path = ''

# 清空命令, 编译命令

self.clean\_cmd = ''

self.build\_cmd = ''

# plist 文件路径

self.project\_info\_path = ''

self.watchapp\_info\_path = ''

self.watchext\_info\_path = ''

self.scheme = ''

pass

# 编译 xcarchive 文件

def archive(self):

# 获取当前工作目录

cwd = os.getcwd()

try:

# 切换到project目录

os.chdir(self.project\_path)

# 清空工程

if os.system(self.clean\_cmd):

print('清理失败...')

return False

# 编译工程

if os.system(self.build\_cmd):

print('编译失败...')

return False

except:

pass

finally:

# 还原工作目录

os.chdir(cwd)

return True

# 打包成 IPA

def export(self):

pass

def modify\_bundle\_number(self, number):

number\_str = str(number)

os.system('/usr/libexec/PlistBuddy -c "Set:CFBundleVersion %s" "%s"' % (number\_str, self.project\_info\_path))

os.system('/usr/libexec/PlistBuddy -c "Set:CFBundleVersion %s" "%s"' % (number\_str, self.watchapp\_info\_path))

os.system('/usr/libexec/PlistBuddy -c "Set:CFBundleVersion %s" "%s"' % (number\_str, self.watchext\_info\_path))

pass

def start(self):

# 修改版本号

self.modify\_bundle\_number(self.cur\_bn)

if not self.archive():

self.modify\_bundle\_number(self.old\_bn)

return False

self.export()

return True

class BuilderConfigure:

def \_\_init\_\_(self):

# 编译参数, workspace 和 project 二选一

self.sdk = 'iphoneos'

self.configuration = 'Release'

self.sign = ''

self.scheme = ''

self.workspace = ''

self.project = ''

self.archive\_path = ''

# 原始 builder number

self.old\_bn = 0

# 当前 builder number

self.cur\_bn = 0

# 项目路径

self.project\_path = ''

# info.plist 文件路径

self.project\_info\_path = ''

self.watchapp\_info\_path = ''

self.watchext\_info\_path = ''

# 编译时中间文件路径

# self.build\_path = ''

# 输出路径

self.output\_path = ''

# 输出文件前缀, '20151020\_v5.0\_501'

self.prefix\_name = ''

# 清空命令, 编译命令

self.clean\_cmd = ''

self.build\_cmd = ''

# 编译时间

self.build\_date = ''

#

self.adhoc\_profile = ''

self.appstore\_profile = ''

# 检查参数

def verify\_parameter(self):

if len(self.sign) == 0:

print('sign can not be null.')

return False

if len(self.workspace) == 0 and len(self.project) == 0:

print('workspace or project can not be null.')

return False

if len(self.scheme) == 0:

print('scheme can not be null.')

return False

return True

# 序列化命令参数

def serialize\_cmd(self, parameter\_kvs):

parameter\_list = []

for (key, value) in parameter\_kvs.items():

# 空格连接

if key.startswith('-'):

parameter\_list.append(key + ' ' + '"' + value + '"')

# 等号连接

else:

parameter\_list.append(key + '=' + '"' + value + '"')

return ' '.join(parameter\_list)

# 生成项目配置

def init\_configure(self):

# 读取配置文件, 实现 Build Number + 1

project\_info = biplist.readPlist(self.project\_info\_path)

version = project\_info['CFBundleShortVersionString']

build\_number = project\_info['CFBundleVersion']

day\_time = time.strftime('%Y%m%d')

self.build\_date = day\_time

self.old\_bn = int(build\_number)

# 如果外部没有指定版本号，则进行自增

if self.cur\_bn == 0:

self.cur\_bn = self.old\_bn + 1

# 输出目录名

self.prefix\_name = '%s\_v%s\_%d' % (day\_time, version, self.cur\_bn)

# 生成编译命令

def generate\_cmd\_line(self):

# 清空工程命令

parameter\_kvs = {

# '-workspace': self.workspace,

'-scheme': self.scheme,

'-configuration': self.configuration,

'-sdk': self.sdk

}

if len(self.workspace):

parameter\_kvs['-workspace'] = self.workspace

else:

parameter\_kvs['-project'] = self.project

self.clean\_cmd = 'xctool %s clean' % self.serialize\_cmd(parameter\_kvs)

self.output\_path = os.path.join(self.output\_path, self.prefix\_name)

self.archive\_path = os.path.join(self.output\_path, '%s.xcarchive' % self.scheme)

# 编译工程命令

parameter\_kvs = {

# '-workspace': self.workspace,

'-scheme': self.scheme,

'-configuration': self.configuration,

'-sdk': self.sdk,

# '-archivePath': archive\_path,

'CODE\_SIGN\_IDENTITY': self.sign

}

if len(self.workspace):

parameter\_kvs['-workspace'] = self.workspace

else:

parameter\_kvs['-project'] = self.project

self.build\_cmd = 'xctool %s archive -archivePath "%s"' % (self.serialize\_cmd(parameter\_kvs), self.archive\_path)

def ipa\_builder(self):

if not self.verify\_parameter():

return None

self.init\_configure()

self.generate\_cmd\_line()

builder = IPABuilder()

builder.project\_path = self.project\_path

builder.build\_cmd = self.build\_cmd

builder.clean\_cmd = self.clean\_cmd

builder.cur\_bn = self.cur\_bn

builder.old\_bn = self.old\_bn

builder.project\_info\_path = self.project\_info\_path

builder.watchapp\_info\_path = self.watchapp\_info\_path

builder.watchext\_info\_path = self.watchext\_info\_path

builder.archive\_path = self.archive\_path

builder.output\_path = self.output\_path

builder.scheme = self.scheme

return builder

if \_\_name\_\_ == '\_\_main\_\_':

builder\_configure = BuilderConfigure()

# 证书，工程名称

builder\_configure.sign = 'iPhone Distribution: hangzhou dacaiwangluokeji Co.,Ltd. (BLU32697WN)'

builder\_configure.scheme = 'Jackpot'

builder\_configure.workspace = 'Jackpot.xcworkspace'

# 项目路径

builder\_configure.project\_path = '/Users/wufan/Workspace/git/Jackpot'

# info.plist 文件路径

builder\_configure.project\_info\_path = '/Users/wufan/Workspace/git/Jackpot/Jackpot/Supporting Files/Info.plist'

builder\_configure.watchapp\_info\_path = '/Users/wufan/Workspace/git/Jackpot/Jackpot WatchKit App/Info.plist'

builder\_configure.watchext\_info\_path = '/Users/wufan/Workspace/git/Jackpot/Jackpot WatchKit Extension/Info.plist'

# 输出路径

builder\_configure.output\_path = '/Users/wufan/Workspace/package'

builder\_configure.output\_path = '/Users/wufan/Library/Developer/Xcode/Archives'

# 指定内部版本号

builder\_configure.cur\_bn = 505

# 组装

ipa\_builder = builder\_configure.ipa\_builder()

ipa\_builder.start()