

02

OPEN ORIENTED

凹凸实验室

brew奇遇记

王彩暖

不了解这个，会遇到什么麻烦
知己知彼，百战不胜

不了解这个，会遇到什么麻烦

安装的时候，自作聪明地加了一个 -g

```
→ ~ brew install watchman -g

^C==> Downloading https://homebrew.bintray.com/bottles/watchman-4.6.0.el_capitan
.b
##### 100.0%
==> Pouring watchman-4.6.0.el_capitan.bottle.tar.gz
==> Using the sandbox
🍺 /usr/local/Cellar/watchman/4.6.0: 21 files, 397K
```

不了解这个，会遇到什么麻烦

安装的时候 一个 -g



```
→ ~ brew install w  
^C=> Downloading  
.b  
#####  
=> Pouring watchman  
=> Using the sandbox  
🍺 /usr/local/Cellar/w  
an-4.6.0.el_capitan  
##### 100.0%
```

不了解这个，会遇到什么麻烦

傻傻地复制，结果运行出错

Android

一、安装 Android SDK

安装 SDK 的方式有很多，如果可以翻墙的话，建议用 **Android Studio** 的 **SDK Manager** 配合翻墙下载 SDK。

如果翻不了墙，可以参考：<http://www.androiddevtools.cn/>

安装步骤：

1. 翻墙

2. 下载 Android Studio

通过 HomeBrew 安装：`brew cask install android-studio`

通过微云：/Tools 目录找到 `android-studio-ide-162.3764568-mac.dmg`



不了解这个，会遇到什么麻烦

傻傻地复制，结果运行出错

Android

一、安装 Android SDK

安装 SDK 的方式有很多，但最推荐的是使用 Android Studio 自带的 SDK Manager 配置。如果翻不了墙，可以参考下面的方法。

安装步骤：

1. 翻墙
2. 下载 Android Studio

通过 HomeBrew 安装：`brew cask install android-studio`

通过微云：/Tools 目录找到 `android-studio-ide-162.3764568-mac.dmg`



不了解这个，会遇到什么麻烦

好不容易知道教程写错了，结果还是运行不了，出错了

```
1. wangcainuan@wangcainuan: ~/Documents/jd/wangcainuan/study (zsh)
→ study brew cask install android-studio
Warning: The default Caskroom location has moved to /usr/local/Caskroom.

Please migrate your Casks to the new location and delete /opt/homebrew-cask/Caskroom,
or if you would like to keep your Caskroom at /opt/homebrew-cask/Caskroom, add the
following to your HOMEBREW_CASK_OPTS:

--caskroom=/opt/homebrew-cask/Caskroom

For more details on each of those options, see https://github.com/caskroom/homebrew-cask/issues/21913.
=> Downloading https://dl.google.com/dl/android/studio/ide-zips/2.3.0.8/android-studio.zip
##### 100.0%
=> Verifying checksum for Cask android-studio
Error: Permission denied - /opt/homebrew-cask/Caskroom/android-studioMost likely
```

不了解这个，会遇到什么麻烦

好不容易知道教程写错了，结果还是运行不了，出错了



```
1. wangcainuan@v... wangcainuan/study (zsh)
→ study brew cask inst...
Warning: The default... local/Caskroom.

Please migrate your... t/homebrew-cask/Cask
room,
or if you would li... ask/Caskroom, add t
he
following to your...

--caskroom=/opt/hom...

For more details on each... github.com/caskroom/homeb
rew-cask/issues/21913.
=> Downloading https://dl.google.../android
##### 100.0%
=> Verifying checksum for Cask android-studio
Error: Permission denied - /opt/homebrew-cask/Caskroom/android-studioMost likely
```


不了解这个，会遇到什么麻烦

幸好brew体验比较好

不了解这个，会遇到什么麻烦

```
1. wangcainuan@wangcainuan: ~/Documents/jd/wangcainuan/study (zsh)
→ study brew cask install android-studio
Warning: The default Caskroom location has moved to /usr/local/Caskroom.

Please migrate your Casks to the new location and delete /opt/homebrew-cask/Cask
room,
or if you would like to keep your Caskroom at /opt/homebrew-cask/Caskroom, add t
he
following to your HOMEBREW_CASK_OPTS:

--caskroom=/opt/homebrew-cask/Caskroom

For more details on each of those options, see https://github.com/caskroom/homeb
rew-cask/issues/21913.
==> Downloading https://dl.google.com/dl/android/studio/ide-zips/2.3.0.8/android
##### 100.0%
==> Verifying checksum for Cask android-studio
Error: Permission denied - /opt/homebrew-cask/Caskroom/android-studioMost likely
, this means you have an outdated version of Homebrew-Cask. Please run:

brew uninstall --force brew-cask; brew untap phinze/cask; brew untap caskroo
m/cask; brew update; brew cleanup; brew cask cleanup
```


不了解这个，会遇到什么麻烦

```
→ study brew cask install android-studio
⇒ Downloading https://dl.google.com/dl/android/studio/ide-zips/2.3.0.8/android
##### 100.0%
⇒ Verifying checksum for Cask android-studio
⇒ Moving App 'Android Studio.app' to '/Applications/Android Studio.app'
🍺 android-studio was successfully installed!
→ study █
```

不了解这个，会遇到什么麻烦



```
→ study brew cask install
⇒ Downloading https://
##### 100.0%
⇒ Verifying checksum
⇒ Moving App 'Android Studio.app'
🍺 android-studio was s
→ study █
```


不了解这个，会遇到什么麻烦

终于到这一步了！

二、配置 Android 虚拟机

建议使用 **Genymotion** 软件，这个软件的安卓虚拟机性能比较好。

安装步骤：

1. 下载 Genymotion

通过 HomeBrew 安装：`brew cask install genymotion`

通过微云：/Tools 目录找到 `genymotion-2.8.1.dmg`

2. 用 Genymotion 创建并运行安卓虚拟机

不了解这个，会遇到什么麻烦

brew cask install genymotion

```
==> Downloading https://dl.genymotion.com/releases/genymotion-2.8.1/genymotion-2
```

```
curl: (35) Server aborted the SSL handshake
```

```
Error: Download failed on Cask 'genymotion' with message: Download failed: https://dl.genymotion.com/releases/genymotion-2.8.1/genymotion-2.8.1.dmg
```

```
The incomplete download is cached at /Users/wangcainuan/Library/Caches/Homebrew/Cask/genymotion--2.8.1.dmg.incomplete
```


不了解这个，会遇到什么麻烦

brew cask install genymotion



```
==> Downloading https://dl.genymotion.com/releases/genymotion-2.8.1.dmg
curl: (35) Server aborted
Error: Download failed
ion.com/releases/genymotion-2.8.1.dmg.incomplete
The incomplete download
on--2.8.1.dmg.incomplete
```

不了解这个，会遇到什么麻烦

出错提示：curl server aborted ssl handshake

原因：

升级curl；

如果不行，可能就是网络原因

不了解这个，会遇到什么麻烦

然后我就升级啊。。。。

```
→ wangcainuan curl --version
curl 7.43.0 (x86_64-apple-darwin15.0) libcurl/7.43.0 SecureTransport zlib/1.2.5
Protocols: dict file ftp ftps gopher http https imap imaps ldap ldaps pop3 pop3s rtsp smb smb
s smtp smtps telnet tftp
Features: AsynchDNS IPv6 Largefile GSS-API Kerberos SPNEGO NTLM NTLM_WB SSL libz UnixSockets
```

不了解这个，会遇到什么麻烦

然后我就升级啊。。。

→ wangcainuan curl --version

```
curl 7.43.0 (x86_64-apple-darwin15.0) libcurl/7.43.0 SecureTransport zlib/1.2.5
```

```
Protocols: dict file ftp ftps gopher http https imap imaps ldap ldaps pop3 pop3s rtsp smb smb  
s smtp smtps telnet tftp
```

```
Features: AsynchDNS IPv6 Largefile GSS-API Kerberos SPNEGO NTLM NTLM_WB SSL libz UnixSockets
```

→ curl git:(master) curl -V

```
curl 7.50.1 (x86_64-apple-darwin15.6.0) libcurl/7.50.1 SecureTransport zlib/1.2.5
```

```
Protocols: dict file ftp ftps gopher http https imap imaps ldap ldaps pop3 pop3s rtsp smb smb  
s smtp smtps telnet tftp
```

```
Features: IPv6 Largefile NTLM NTLM_WB SSL libz UnixSockets
```

不了解这个，会遇到什么麻烦

brew cask install genymotion

```
--> Satisfying dependencies
==> Installing Cask dependencies: virtualbox
virtualbox ...
already installed
complete
==> Downloading https://dl.genymotion.com/releases/genymotion-2.8.1/genymotion-2.8.1.dmg

curl: (35) Server aborted the SSL handshake
Error: Download failed on Cask 'genymotion' with message: Download failed: https://dl.genymotion.com/releases/genymotion-2.8.1/genymotion-2.8.1.dmg
The incomplete download is cached at /Users/wangcainuan/Library/Caches/Homebrew/Cask/genymoti
```



不了解这个，会遇到什么麻烦

没办法，大概是网络问题，于是切换到shadowsocks全局环境

```
➔ study brew cask install genymotion
==> Satisfying dependencies
==> Installing Cask dependencies: virtualbox
virtualbox ...
already installed
complete
==> Downloading https://dl.genymotion.com/releases/genymotion-2.8.1/genymotion-2.8.1.dmg
##### 100.0%
==> Verifying checksum for Cask genymotion
==> Moving App 'Genymotion.app' to '/Applications/Genymotion.app'.
==> Moving App 'Genymotion Shell.app' to '/Applications/Genymotion Shell.app'.
==> Linking Binary 'genyshell' to '/usr/local/bin/genyshell'.
🍺 genymotion was successfully installed!
```

不了解这个，会遇到什么麻烦

没办法，大概是网络问题，安装shadowsocks全局环境

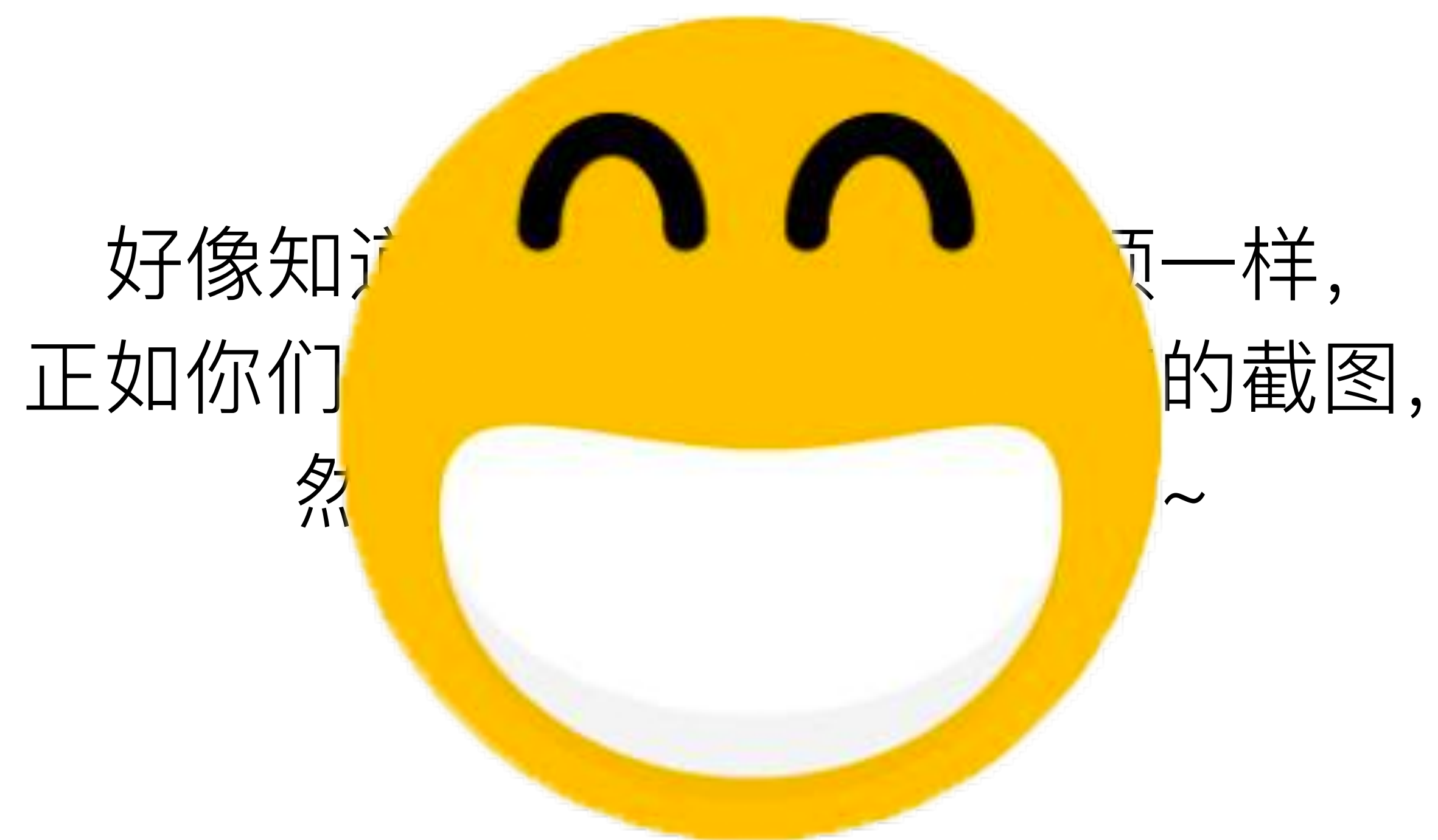


```
→ study brew cask install genymotion
==> Satisfying dependencies
==> Installing Cask dependencies
virtualbox ...
already installed
complete
==> Downloading https://dl.geny.../2.8.1/genymotion-2.8.1.dmg
##### 100.0%
==> Verifying checksum for Cask genymotion
==> Moving App 'Genymotion.app' to '/Applications/Genymotion.app'.
==> Moving App 'Genymotion Shell.app' to '/Applications/Genymotion Shell.app'.
==> Linking Binary 'genyshell' to '/usr/local/bin/genyshell'.
🍺 genymotion was successfully installed!
```

不了解这个，会遇到什么麻烦

好像知道会遇到一系列的麻烦一样，
正如你们所见，保留着当初出错的截图，
哈哈哈哈哈

不了解这个，会遇到什么麻烦



知己知彼， 百战不胜

先插一个话题curl



command line tool and library
for transferring data with URLs

知己知彼， 百战不胜

将文件下载到本地并命名为jdLogo.png

```
curl https://misc.360buyimg.com/mtd/pc/index/home/images/logo.v2@2x.png -o jdLogo.png
```

知己知彼， 百战不胜

回归话题

知己知彼， 百战不胜



Homebrew

前面提到的Homebrew-cask版本过时的操作：

```
brew uninstall --force brew-cask
```

```
brew untap phinze/cask
```

```
brew untap caskroom/cask
```

```
brew update
```

```
brew cleanup
```

```
brew cask cleanup
```

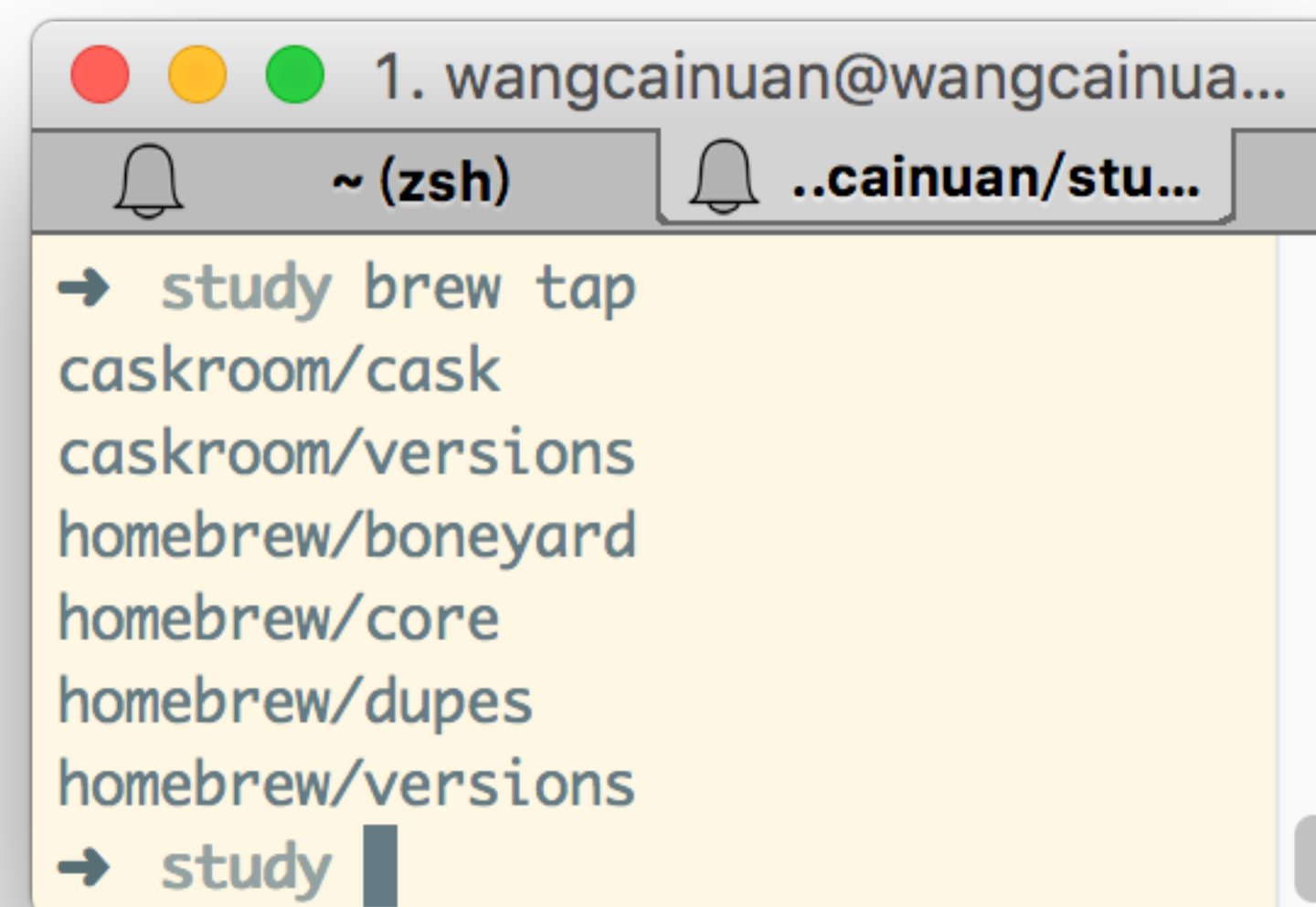
brew install name	# 安装源码, name是软件名
brew uninstall name	# 卸载软件
brew info name	# 显示软件的各种详细信息
brew search name	# 搜索brew 支持的软件, 支持模糊、正则搜索
brew list	# 列出本机通过brew安装的所有软件
brew update	# 更新brew软件自身
brew upgrade name	# 更新安装过的软件, 如果不加软件名, 就更新
所有可以更新的软件	
brew outdated	# 查看那些已安装的程序需要更新
brew cleanup [name]	# 删除某个或所有软件的老版
brew home	# 访问Homebrew主页

<code>brew cask search</code>	# 列出所有可以被安装的软件
<code>brew cask search name</code>	# 查找所有和 name 相关的应用
<code>brew cask install name</code>	# 下载安装软件
<code>brew cask uninstall name</code>	# 卸载软件
<code>brew cask info app</code>	# 列出应用的信息
<code>brew cask list</code>	# 列出本机按照过的软件列表
<code>brew cask cleanup</code>	# 清除下载的缓存以及各种链接信息

brew 与 brew cask 的区别

brew 下载源码、解压、自动配置好各种环境变量等一系列操作
brew cask 下载编译好了的应用包 (.dmg/.pkg)

还有一个brew tap
第三方的仓库，一般是 GitHub



```
1. wangcainuan@wangcainua...  
~ (zsh) ..cainuan/stu...  
→ study brew tap  
caskroom/cask  
caskroom/versions  
homebrew/boneyard  
homebrew/core  
homebrew/dupes  
homebrew/versions  
→ study
```

例子：利用homebrew安装指定版本node

```
brew search node    #查看有哪些版本的node
brew install node@6 # 安装指定版本
# 默认使用该版本
echo 'export PATH="/usr/local/opt/node@6/bin:$PATH"' >> ~/.zshrc
source ~/.zshrc
node -v
```

例子：利用homebrew安装指定版本java7

```
brew cask search java  
brew cask install java7
```

知己知彼， 百战不胜

```
1. wangcainuan@wangcainuan: ~/Documents/jd/wangcainuan/study (zsh)
~ (zsh) ..cainuan/study (zsh)
→ study brew commands
Built-in commands
--cache      config      leaves      readall     unlinkapps
--cellar     deps        link        reinstall   unpack
--env        desc        linkapps    search      unpin
--prefix     diy         list        sh          untap
--repository doctor      log         style       update-report
--version    fetch       migrate     switch      update-reset
analytics    gist-logs   missing     tap-info    update
cask         help        options     tap-pin     upgrade
cat          home        outdated   tap-unpin   uses
cleanup     info        pin         tap          vendor-install
command     install     postinstall uninstall
commands    irb         prune      unlink

Built-in developer commands
aspell-dictionaries  create      mirror      tests
audit                edit        pull        update-test
boneyard-formula-pr  formula    release-notes
bottle               linkage     tap-new
bump-formula-pr      man        test

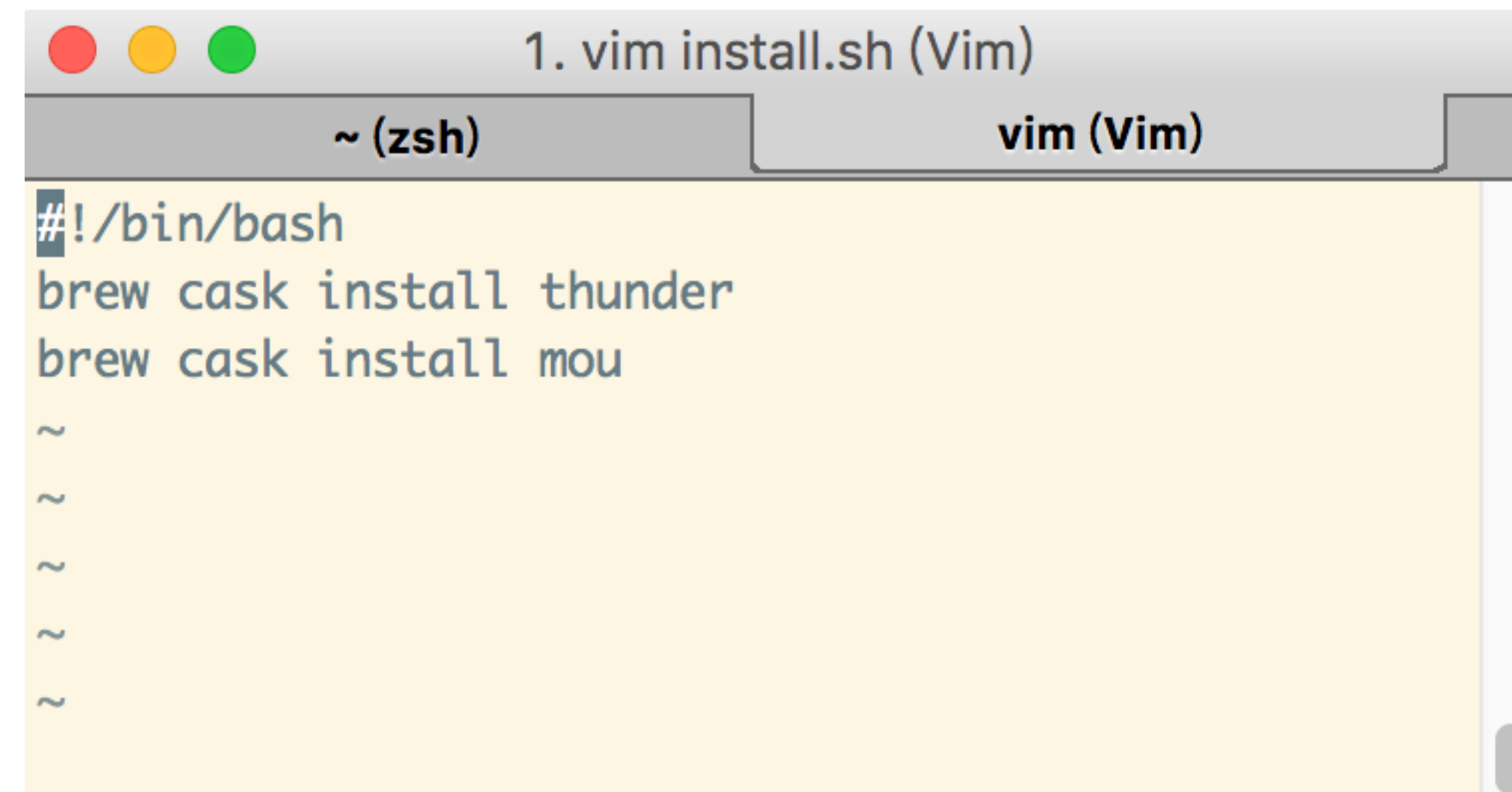
External commands
beer                bundle-old  profile     versions
bundle-dir         graph      server      which
→ study
```


龙哥买来新电脑，怎么省心地下载软件？

比如安装thunder和mou，只需要bash install.sh即可

```
→ study vim install.sh
→ study bash install.sh
==> Satisfying dependencies
complete
==> Downloading http://down.sandai.net/mac/thunder_3.0.5.2752.dmg
##### 100.0%
==> Verifying checksum for Cask thunder
==> tr: Illegal byte sequence
==> Moving App 'Thunder.app' to '/Applications/Thunder.app'
🍺 thunder was successfully installed!
==> Satisfying dependencies
complete
==> Downloading http://25.io/mou/download/Mou.zip
##### 100.0%
==> Verifying checksum for Cask mou
==> Moving App 'Mou.app' to '/Applications/Mou.app'
🍺 mou was successfully installed!
```

install.sh是何物



The screenshot shows a Vim editor window titled "1. vim install.sh (Vim)". The window has two tabs: "~ (zsh)" and "vim (Vim)". The content of the file is as follows:

```
#!/bin/bash
brew cask install thunder
brew cask install mou
~
~
~
~
~
```

知己知彼， 百战不胜

```
brew cask install alfred  
brew cask install the-unarchiver  
brew cask install qq  
brew cask install line  
brew cask install skype  
brew cask install thunder  
brew cask install mplayerx  
brew cask install evernote  
brew cask install skitch  
brew cask install dropbox  
brew cask install google-chrome  
brew cask install mou  
brew cask install iterm2  
brew cask install sublime-text  
brew cask install virtualbox
```


02

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凹凸实验室

THANKS FOR LISTENING

王彩暖