

Homebrew 快速参考

包管理、Cask、Tap、服务、清理

安装

安装 Homebrew

```
/bin/bash -c "$(curl -fsSL \
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.
sh)"
brew --version      # verify installation
```

安装后配置 (Apple Silicon)

```
# add Homebrew to PATH (Apple Silicon default)
echo 'eval "$(/opt/homebrew/bin/brew shellenv)'"' \
>> ~/.zprofile
eval "$(/opt/homebrew/bin/brew shellenv)"
```

安装路径

<code>/opt/homebrew</code>	Apple Silicon (ARM) 前缀
<code>/usr/local</code>	Intel Mac 前缀
<code>/home/linuxbrew/.linuxbrew</code>	Linux 前缀

包管理

安装与卸载

```
brew install git      # install formula
brew install git@2.40 # install specific version
brew uninstall git    # remove formula
brew reinstall git    # reinstall formula
```

更新与升级

```
brew update      # update Homebrew itself
brew upgrade     # upgrade all packages
brew upgrade git # upgrade specific package
brew pin git     # prevent auto-upgrade
brew unpin git   # allow upgrade again
```

列出已安装

```
brew list      # all installed formulae
brew list --cask # all installed casks
brew leaves   # top-level (not dependencies)
brew deps git  # show dependencies of git
```

搜索与信息

查找包

```
brew search postgres # search by name
brew search --cask chrome # search casks only
brew info git        # package details
brew home git        # open homepage in browser
```

信息字段

Name / Version	包名与已安装版本
Dependencies	依赖的包
Conflicts	不能共存的包
Caveats	安装后注意事项 (PATH、配置)
Analytics	安装次数 (近 30/90/365 天)

服务管理

管理服务

```
brew services list      # all services + status
brew services start postgresql # start and auto-launch
brew services stop postgresql # stop service
brew services restart nginx # restart service
brew services run redis # start without auto-launch
```

服务说明

```
start  立即启动并注册开机自启
run    仅立即启动 (不自启)
stop   停止并取消自启注册
restart 先停止再启动
list   显示所有服务及状态
Logs   查看 ~/Library/Logs/Homebrew/
```

Cask

GUI 应用管理

```
brew install --cask firefox # install GUI app
brew uninstall --cask firefox # remove GUI app
brew upgrade --cask         # upgrade all casks
brew list --cask           # list installed casks
```

常用 Cask

<code>google-chrome</code>	Chrome 浏览器
<code>visual-studio-code</code>	VS Code 编辑器
<code>docker</code>	Docker Desktop
<code>iterm2</code>	iTerm2 终端
<code>slack</code>	Slack 通讯
<code>rectangle</code>	窗口管理
<code>1password</code>	密码管理器
<code>raycast</code>	启动器 (Spotlight 替代)

Tap

第三方仓库

```
brew tap      # list tapped repos
brew tap hashicorp/tap # add a tap
brew untap hashicorp/tap # remove a tap
brew install hashicorp/tap/terraform # install from tap
```

常用 Tap

<code>homebrew/cask</code>	GUI 应用 (默认包含)
<code>homebrew/cask-fonts</code>	字体: <code>brew install --cask font-fira-code</code>
<code>homebrew/bundle</code>	Brewfile 支持 (Homebrew 的 Bundler)
<code>hashicorp/tap</code>	Terraform、Vault、Consul

Brewfile (Bundle)

```
brew bundle dump      # generate Brewfile
brew bundle install   # install from Brewfile
brew bundle cleanup   # remove unlisted packages
```

清理

释放磁盘空间

```
brew cleanup      # remove old versions
brew cleanup -s   # also remove cache
brew cleanup --prune=all # remove all cached downloads
brew autoremove   # remove unused dependencies
```

诊断

```
brew doctor      # check for issues
brew config      # show Homebrew config
brew missing     # list missing dependencies
du -sh $(brew --cache) # check cache size
```

常用模式

日常工作流

每日更新	<code>brew update && brew upgrade && brew cleanup</code>
新 Mac 初始化	从 Brewfile 执行 <code>brew bundle install</code>
导出配置	<code>brew bundle dump --file=~/.Brewfile</code>
健康检查	<code>brew doctor</code>
查看占用空间	<code>brew list --formula xargs brew info</code>
卸载含依赖	<code>brew uninstall pkg && brew autoremove</code>

Brewfile 示例

```
# ~/.Brewfile
tap "homebrew/bundle"
brew "git"
brew "node"
brew "python"
cask "visual-studio-code"
cask "docker"
```