

REFERENSI CEPAT HOMEBREW

Manajemen package, cask, tap, service, cleanup

Instalasi

Instal Homebrew

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

```
brew --version # verify installation
```

Setelah Instal (Apple Silicon)

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

Path Instalasi

```
/opt/homebrew Prefix Apple Silicon (ARM)
/usr/local Prefix Intel Mac
/home/linuxbrew/.linuxbrew Prefix Linux
```

Manajemen Package

Instal & Hapus

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

Update & Upgrade

```
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
```

Daftar yang Terinstal

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

Cari & Info

Menemukan Package

```
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
```

Field Info

```
Name / Versi Nama package dan versi yang terinstal
Dependencies Package yang dibutuhkan
Conflicts Package yang tidak bisa berdampingan
Caveats Catatan setelah instal (PATH, konfigurasi)
Analytics Jumlah instal (30/90/365 hari terakhir)
```

Service

Menelola Service

```
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
```

Catatan Service

```
start Jalankan sekarang + daftarkan untuk startup login
run Jalankan sekarang saja (tanpa auto-start)
stop Hentikan dan hapus dari startup
restart Hentikan lalu jalankan kembali
list Tampilkan semua service dan statusnya
Logs Periksa ~/Library/Logs/Homebrew/
```

Cask

Manajemen Aplikasi GUI

```
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
```

Cask Populer

```
google-chrome Browser Chrome
visual-studio-code Editor VS Code
docker Docker Desktop
iterm2 Terminal iTerm2
slack Pesan Slack
rectangle Manajemen jendela
1password Manajer password
raycast Launcher (pengganti Spotlight)
```

Tap

Repository Pihak Ketiga

```
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
```

Tap Populer

```
homebrew/cask Aplikasi GUI (sudah disertakan secara default)
homebrew/cask-fonts Font: brew install --cask font-fira-code`
homebrew/bundle Dukungan Brewfile (Bundler untuk Homebrew)
hashicorp/tap Terraform, Vault, Consul
```

Brewfile (Bundle)

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

Cleanup

Membebaskan Ruang Disk

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

Diagnostik

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

Pola Umum

Alur Kerja Sehari-hari

```
(Update pagi) brew update && brew upgrade && brew cleanup`
```

```
Setup Mac baru brew bundle install ` dari Brewfile`
```

```
Ekspor setup brew bundle dump --file~/Brewfile`
```

```
Periksa kesehatan brew doctor`
```

```
Cari yang memakan ruang brew list --formula | xargs brew info`
```

```
Hapus + dependensi brew uninstall pkg && brew autoremove`
```

Contoh Brewfile

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