

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 "$(/opt/homebrew/bin/brew shellenv)'" \
>> ~/.zprofile
eval "$(/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 / Version	Nama package dan versi yang terinstal
Dependencies	Package yang dibutuhkan
Conflicts	Package yang tidak bisa berdampingan
Caveats	Catatan setelah instal (PATH, konfigurasi)
Analytcs	Jumlah instal (30/90/365 hari terakhir)

Service

Mengelola 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"
```