chezmoi Dotfile manager

CONCEPTS

chezmoi keeps a source directory (a git repo) and copies it into your home directory; your real dotfiles are never symlinks unless you ask.

Source dir ~/.local/share/chezmoi
↓ templates + data
Target state computed per machine
↓ chezmoi apply
Destination your home dir
↓ chezmoi add / re-add
Source dir back into the repo

SETUP

chezmoi init
Create an empty source directory

chezmoi init *<user>*
Clone github.com/<user>/dotfiles

chezmoi init --apply *<user>*
Clone and apply in one step

chezmoi cd
Open a shell in the source dir

MANAGE FILES

chezmoi add *<file>*
Start managing a file or dir

chezmoi add --template *<file>*
Add as a template

chezmoi re-add
Pull edited $HOME files back into source

chezmoi edit *<file>*
Edit a managed file's source

chezmoi edit --apply *<file>*
Edit and apply on exit

INSPECT AND APPLY

chezmoi diff
Show what apply would change

chezmoi apply
Make $HOME match the source

chezmoi apply -n -v
Dry run with verbose output

chezmoi status
Two-column change summary

INSPECT AND APPLY (cont.)

chezmoi managed
List managed targets

chezmoi update
Pull the repo, then apply

chezmoi git -- *<args>*
Run git in the source dir

TEMPLATES AND DATA

chezmoi data
Show template data as JSON

chezmoi execute-template '*<tmpl>*'
Render a template string

Template variables

Variable	Value
`.chezmoi.os`	linux, darwin, windows
`.chezmoi.arch`	amd64, arm64
`.chezmoi.hostname`	Short hostname
`.chezmoi.username`	Current user
`.chezmoi.homeDir`	Home directory
`.chezmoi.sourceDir`	Source directory

SOURCE NAMING

Source prefixes

Name	Effect
`dot_zshrc`	Target .zshrc
`private_`	No group/world access
`executable_`	Mark executable
`readonly_`	Remove write bits
`symlink_`	Create a symlink
`exact_`	Delete unmanaged children
`encrypted_`	Stored encrypted
`create_`	Write only if missing
`modify_`	Script that edits a file
`remove_`	Delete the target

.chezmoiignore
Targets to skip (template, per machine)

GLOBAL FLAGS

-n / --dry-run
Never modify anything

-v / --verbose
Show diffs and commands