# 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