# fnm Fast Node manager

## CONCEPTS

fnm is a single binary, not a shell function. It only works after your shell profile evals `fnm env`, which gives each shell its own PATH entry.

**.node-version** version in project
↓ cd (use-on-cd)
**fnm env hook** in your shell profile
↓ fnm use
**Shell PATH** per-shell symlink
↓ points to
**Node version** in ~/.local/share/fnm

fnm reads .node-version and .nvmrc. Without --use-on-cd nothing switches by itself when you change directory.

## INSTALL FNM

**curl -fsSL https://fnm.vercel.app/install | bash**
Install with the script

**brew install fnm**
Install with Homebrew

**fnm --version**
Show the fnm version

**fnm completions --shell** *<shell>*
Print completions (bash, zsh, fish, powershell)

## SHELL SETUP

**eval "$(fnm env --use-on-cd --shell bash)"**
Bash profile line (~/.bashrc)

**eval "$(fnm env --use-on-cd --shell zsh)"**
Zsh profile line (~/.zshrc)

**fnm env --use-on-cd --shell fish | source**
Fish: conf.d/fnm.fish

**fnm env --version-file-strategy recursive**
Look for version files in parent dirs

## INSTALL AND UNINSTALL

**fnm install** *<version>*
Install a version (partial semver is fine)

## INSTALL AND UNINSTALL (cont.)

**fnm install --lts**
Install the newest LTS

**fnm install --latest**
Install the newest release

**fnm install**
Install the version from .node-version

**fnm uninstall** *<version>*
Remove an installed version

## USE AND INSPECT

**fnm use** *<version>*
Use a version in this shell

**fnm use**
Use the version from .node-version

**fnm use --install-if-missing**
Use it, installing first if needed

**fnm current**
Show the active version

**fnm list**
List installed versions and aliases

**fnm list-remote**
List all installable versions

**fnm list-remote --lts**
List LTS versions only

## ALIASES AND DEFAULTS

**fnm default** *<version>*
Set the version new shells start with

## RUN WITHOUT SWITCHING

**fnm exec --using** *<version>* *<command>*
Run a command under that version

## VERSION FILES AND CONFIG

**node --version > .node-version**
Pin the project to the running version

## TROUBLESHOOTING

node not found after fnm install: you skipped the eval line, or fnm default is unset. Run fnm default <version> and open a new shell.