# Lefthook

Fast git hooks manager

## CONCEPTS

Hooks are read from lefthook.yml on every git event, so editing the config needs no reinstall.

**git commit** git event
↓ runs .git/hooks
**lefthook run** reads lefthook.yml
↓ filters files
**Jobs** glob, skip, root
↓ exit code
**Commit** allowed or aborted

Run lefthook install after cloning; the npm package does it for you in a postinstall script.

## INSTALL & CLI

**brew install lefthook**
Install with Homebrew

**npm install lefthook --save-dev**
Install as a dev dependency

**lefthook install**
Install hooks, create lefthook.yml if missing

**lefthook install** *<hook>* **...**
Install only some hooks

**lefthook install --force**
Install even if core.hooksPath is set

**lefthook uninstall**
Remove hooks lefthook installed

**lefthook add** *<hook>* **--dirs**
Add a hook and its script directory

**lefthook validate**
Check the config for errors

**lefthook dump**
Print the merged configuration

## RUNNING

**lefthook run** *<hook>*
Run a hook's jobs now

**lefthook run** *<hook>* **--all-files**
Treat all tracked files as input

**lefthook run** *<hook>* **--file** *<path>*
Run on chosen files only

**lefthook run** *<hook>* **--job** *<name>*
Run only the named job

## RUNNING (cont.)

**lefthook run** *<hook>* **--tag** *<tag>*
Run only jobs with a tag

**LEFTHOOK_VERBOSE=1 lefthook run** *<hook>*
Print verbose output

**LEFTHOOK_EXCLUDE=***<tag>*,*<name>*
Exclude tags or commands for one run

**git commit --no-verify**
Bypass pre-commit and commit-msg hooks

**LEFTHOOK=0 git** *<cmd>*
Disable lefthook for one command

## HOOK & JOB OPTIONS

**pre-commit:**
Hook name as top-level key

**jobs: [ {name, run} ]**
Ordered list of tasks in a hook

**commands:** *<name>***: run:**
Older map form of jobs

**run:** *<shell command>*
Command to execute (via sh)

**parallel: true**
Run a hook's jobs concurrently

## FILES & PLACEHOLDERS

**{staged_files}**
Files staged for this commit

**{push_files}**
Commits not yet pushed, as files

**glob: "*.{js,ts}"**
Only run for matching files

**exclude: [***<glob>***]**
Leave matching files out

**stage_fixed: true**
git add files after the job (pre-commit)

## SKIPPING & CONDITIONS

**skip: true**
Disable a job or hook

**skip: [merge, rebase]**
Skip in merge or rebase state

**lefthook-local.yml**
Personal overrides, not committed