# tig Text-mode git browser

**START HERE**

- **tig** — Open the main view
- **h** — Help, all bindings
- **j** / **k** — Move down / up
- **q** — Close view / quit
- **Enter** — Open the commit diff
- **Tab** — Switch split pane
- **s** — Status, stage files
- **/** — Search the view

**main** commit list → (Enter) **diff** split below → (Tab) **back to list** or l to maximize

## CONCEPTS

Tig is a read-mostly browser on top of git: every view is the output of a git command.

Views stack: q returns to the previous view, Q quits everything at once.

Piped input opens the pager view, so git show | tig colorizes any git output.

Tig passes unknown options to git, so any git log revision or path filter works.

## VIEWS

- **m** Main view: commit list
- **d** Diff view
- **l** Log view with messages
- **s** Status view
- **c** Stage view
- **b** Blame view
- **r** Refs: branches and tags
- **t** Directory tree view
- **f** Blob (file content) view
- **g** Grep view
- **y** Stash view
- **p** Pager view

## VIEWS (cont.)

- **h** Help view
- **q** Close view / quit
- **Q** Quit all views
- **Tab** Next view
- **R** Reload the view
- **O** Maximize current view

## NAVIGATION

- **j** / **k** Cursor down / up
- **Down** / **Up** Move and update the child view
  *In a split view this selects the next commit in the parent and refreshes the diff.*
- **PgDown** / **Space** Page down
- **PgUp** / **-** Page up
- **Home** Jump to first line
- **End** Jump to last line
- **Enter** Open item / split diff
  *Context sensitive; in the diff view it scrolls one line.*
- **,** Move to parent
  *Tree: parent directory. Blame: blame of the parent commit.*
- **H** Go to the HEAD commit
- **Insert** / **Delete** Scroll view one line up / down

## NAVIGATION (cont.)

- **Left** / **Right** Scroll view one column
- **|** Scroll to first column
- **e** Open file in editor

## SEARCH AND PROMPT

- **/** Search forward (regexp)
- **?** Search backward
- **n** Next match
- **N** Previous match
- **:** Open the command prompt

**:80**
Jump to line 80

**:2f12bcc**
Jump to a commit id

**:goto** *<rev>*
Jump to a revision or branch

**:!git log -p**
Run a command in the pager

**:save-display** *<file>*
Save the screen to a file

## STAGING

- **u** Stage / unstage file or chunk
  *In status view stages the file; in stage view on a chunk line stages that chunk.*

## STAGING (cont.)

- **1** Stage a single diff line
- **@** Jump to next chunk
- **!** Revert file to last commit
  *Discards unstaged changes in the file.*
- **C** Commit (status) / cherry-pick (main)
- **M** Resolve conflict with mergetool
- **[** Decrease diff context
- **]** Increase diff context
- **%** Toggle file filter on the diff
- **W** Toggle whitespace in diffs

## DISPLAY TOGGLES

- **o** Open the option menu
- **#** Toggle line numbers
- **D** Cycle date display
- **A** Cycle author display
- **G** Toggle revision graph
- **F** Toggle ref names
- **X** Toggle commit id display
- **Ctrl** + **L** Redraw the screen
- **z** Stop background loading

## COMMAND LINE

**tig**
Browse the current branch

**tig** *<file>*
History of a file

**tig blame** *<file>*
Open blame view

**tig status**
Open status view

**tig show** *<rev>*
Show one commit

**tig refs**
Open refs view

**tig stash**
Open stash view

**tig --all**
All branches and tags

**tig** *<a>*..*<b>*
Only commits in a range

**tig origin..HEAD**
Unpushed commits

**tig --since=1.month -- <path>**
Recent changes to a path

**tig -n20**
Limit commit count

**tig -- status**
Path named like a subcommand

**git show | tig**
Colorize piped git output

## CONFIG AND BINDINGS

### Browsing variables

| Variable | Value |
|---|---|
| %(commit) | selected commit id |
| %(file) | selected file |
| %(branch) | selected branch |
| %(head) | viewed head, default HEAD |
| %(prompt) | ask for a value |

A bind line is: bind <keymap> <key> <action>; keymaps include generic, main, diff, status and refs.

## RECIPES

### Amend the last commit (in ~/.tigrc)

```
bind generic + !git commit --amend
```

### Copy the commit id to the clipboard

```
bind generic 9 @sh -c "echo -n %(commit) | xclip -selection c"
```

### Review what will be pushed

```
tig origin..HEAD
# Enter on a commit to read the diff
# q to leave
```

### Stage part of a file

```
tig status
# select the file, Enter for the stage view
# ] widen context, 1 stage a line, u a chunk
# C to commit
```