# broot Tree navigator

**START HERE**

**br**
Start broot (shell function)

**Esc**
Clear filter / go back

*<letters>*
Fuzzy-filter the tree

**?**
Open the help screen

**Enter**
Open file / focus directory

**:cp** *<path>*
Copy the selection

**Alt+Enter**
Leave and cd to directory

**Ctrl+q**
Quit

## CONCEPTS

Run broot through the br function, not the binary: only then can Alt+Enter change your shell's directory.

**Pattern** letters, /regex, c/text
↓ narrows
**Tree** selected line
↓ space or :
**Verb** :cp, :rm, :e
↓ acts on
**Selection** file or staged set

Every keystroke in the input is one of these

Type a pattern first, then a verb: the input takes both, e.g. 'readme :e'. Esc clears the verb, a second Esc clears the pattern.

## LAUNCH

**br**
Start broot in the current directory

**br** *<path>*
Start in another directory, or preview a file

**br -s**
Show sizes

**br -h**
Show hidden files

**br -i**
Show git-ignored files

**br -d**
Show last-modified dates

**br -p**
Show permissions, owner and group

**br -sdp**
Use as an ls replacement

*Flags combine; an uppercase flag (-S, -H, -I) turns the setting off.*

**br -w**
Whale mode: find what eats disk space

**br -f**
Show folders only

**br -g**
Show git status of files

**br -gg**
Only files with a git status

**br -c "***<cmds>***"**
Run commands as if typed, separated by ;

**broot --install**
(Re)install the br shell function

## NAVIGATE

**Arrows**
Move the selection

## NAVIGATE (cont.)

**Enter**
Open file / make directory the root

**Alt+Enter**
Leave broot, cd the shell to the directory

*Needs the br function. On a file it leaves broot and opens the file.*

**Esc**
Clear input / return to previous state / quit

**?**
Show help and config file location

**Ctrl+q**
Quit

**:parent**
Focus the parent directory

**:focus** *<path>*
Make a directory the root

**:focus ~**
Jump to your home directory

**Ctrl+s**
Search the whole tree / restore last pattern

**Alt+h**
Toggle hidden files

**Alt+i**
Toggle git-ignored files

## SEARCH

*<letters>*
Fuzzy match on sub-path from the root

**n/***<text>*
Fuzzy match on file name only

**e/***<text>*
Exact match on file name

**/***<regex>*
Regex on file name

**/***<regex>***/i**
Case-insensitive regex

**c/***<text>*
Files containing text

**rc/***<regex>*
Files whose content matches regex

**!***<pattern>*
Negate a pattern

*<a>***&***<b>*
Both patterns must match

*<a>***|***<b>*
Either pattern matches

## VIEW

**:sort**
Cycle sort: date, count, size, type

*Press Tab after :sort to rotate through the options.*

**:size**
Toggle sizes

**:dates**
Toggle dates

**:perm**
Toggle permissions

**:gf**
Toggle git status per file

**:gs**
Show only files git sees as changed

**:gd**
Diff the selected file

**:fs**
Show filesystems and disk usage

## FILES

**:e**
Edit file in your editor

*Opens at the matching line after a content search.*

**:cp** *<path>*
Copy the selection

**:mv** *<path>*
Move the selection

**:rm**
Delete the selection

**:trash**
Send the selection to the trash

**:rename**
Rename (F2), pre-filled with current name

**:md** *<name>*
Create a directory (slashes allowed)

**:restore_trashed_file**
Put a trashed file back

## PANELS AND STAGING

**Ctrl+Right**
Open or focus the panel on the right

*Alt+Right on macOS. Right on a file focuses its preview.*

**Ctrl+Left**
Open or focus the left panel

**Ctrl+w**
Close the current panel

**:focus!** *<path>*
Open a directory in a new panel

*A trailing or leading ! sends any verb's result to a new panel.*

## PANELS AND STAGING (cont.)

**:cpp**
Copy selection to the other panel

**:mvp**
Move selection to the other panel

**Ctrl+g**
Stage or unstage the selection

**Ctrl+a**
Stage all files of the left panel

**:cls**
Clear the staging area

**:preview_diff**
Preview the git diff of a file

## OUTPUT AND CONFIG

**:pt**
Print the tree to stdout and quit

**:print_path**
Print the selected path and quit

**br --cmd ":pt" >** *<file>*
Export the tree to a file

**conf.hjson**
Config file in ~/.config/broot

*TOML works too (conf.toml). Press ? in broot to see the exact path.*

**default_flags: "-gh"**
Always start with these launch flags

## RECIPES

### Open a file in nvim from broot

```
# conf.hjson
verbs: [
  {
    invocation: edit
    key: Enter
    shortcut: e
    external: "nvim +{line}
{file}"
    apply_to: text_file
    leave_broot: false
  }
]
```

### Deep cd with a pattern

```
# bash/zsh, in your rc file
function dcd { br --only-
folders --cmd "$1;:cd"; }
dcd <pattern>
```

### Replace tree

```
function tree { br -c :pt
"$@"; }
tree -s ~/projects
```

### Review a repo's changes

```
br -ghc :gs
# select a file, then
# :gd to see its diff
# Esc to return to the full
tree
```