fzf

General

fzf is a general-purpose command-line fuzzy finder. It is an interactive filter for any kind of list that integrates with the shell and can be composed with other tools.

- Website
- GitHub
- Download Cheat Sheet as PDF | PNG

Finder Keybindings

`Enter` - Accept the current item and exit

`Ctrl + c` or `Ctrl + g` or `Esc` - Abort

`↑` or `Ctrl + k` or `Ctrl + p` - Move the cursor up

`↓` or `Ctrl + j` or `Ctrl + n` - Move the cursor down

`Tab` - Toggle the selection and move down (multi-select mode)

`Shift + Tab` - Toggle the selection and move up (multi-select mode)

`PgUp` / `PgDn` - Scroll the list a page up / down

`Shift + ↑` / `Shift + ↓` - Scroll the preview up / down

`Ctrl + l` - Redraw the screen

Query Editing

`Ctrl + a` / `Ctrl + e` - Move to the beginning / end of the query

`Ctrl + b` / `Ctrl + f` - Move one character backward / forward

`Alt + b` / `Alt + f` - Move one word backward / forward

`Ctrl + h` or `Backspace` - Delete the character before the cursor

`Del` - Delete the character under the cursor

`Ctrl + w` - Delete the word before the cursor

`Alt + d` - Delete the word after the cursor

`Ctrl + u` - Delete the whole query before the cursor

`Ctrl + y` - Paste (yank) the deleted text

Search Syntax

fzf uses an extended-search mode by default. A query is split into space-separated terms; each term is an AND condition and can use the following operators:

`sbtrkt` - Fuzzy-match items that match `sbtrkt`

`'wild` - Exact-match items that include `wild`

`^music` - Prefix-exact-match items that start with `music`

`.mp3$` - Suffix-exact-match items that end with `.mp3`

`!fire` - Inverse-exact-match items that do not include `fire`

`!^music` - Inverse-prefix-exact-match

`!.mp3$` - Inverse-suffix-exact-match

`foo bar` - AND: items that match both `foo` and `bar`

`.md$ | .txt$` - `|` acts as an OR operator between terms

zsh Integration

Add the following to your `.zshrc` to set up the key bindings and fuzzy completion for zsh (fzf 0.48+):

```
eval "$(fzf --zsh)"
```

`Ctrl + t` - Paste the selected files and directories onto the command line

`Ctrl + r` - Search through the command history and paste the selected command

`Alt + c` - `cd` into the selected directory

Fuzzy Completion

The trigger sequence `**` followed by `Tab` starts fuzzy completion for the current word:

`vim ** + Tab` - Complete files and directories

`cd ** + Tab` - Complete directories only

`kill -9 + Tab` - Complete process IDs

`ssh ** + Tab` - Complete host names

`export ** + Tab` or `unset ** + Tab` - Complete environment variables

`unalias ** + Tab` - Complete aliases

Environment Variables

`FZF_DEFAULT_COMMAND` - Default command used to feed the input list

`FZF_DEFAULT_OPTS` - Default options passed to every fzf invocation

`FZF_DEFAULT_OPTS_FILE` - File that contains the default options

`FZF_CTRL_T_COMMAND` / `FZF_CTRL_T_OPTS` - Command / options for `Ctrl + t`

`FZF_CTRL_R_OPTS` - Options for `Ctrl + r`

`FZF_ALT_C_COMMAND` / `FZF_ALT_C_OPTS` - Command / options for `Alt + c`

Configuration

My fzf setup in `.zshrc` enables the zsh integration, uses `fd` as the default command and applies the Catppuccin Macchiato colors:

```
eval "$(fzf --zsh)"

export FZF_DEFAULT_COMMAND='fd --full-path --hidden \
  --color never --type f --exclude .git \
  --exclude node_modules --exclude dist \
  --exclude .DS_Store'

export FZF_DEFAULT_OPTS='--color=fg:#cad3f5,...'
```

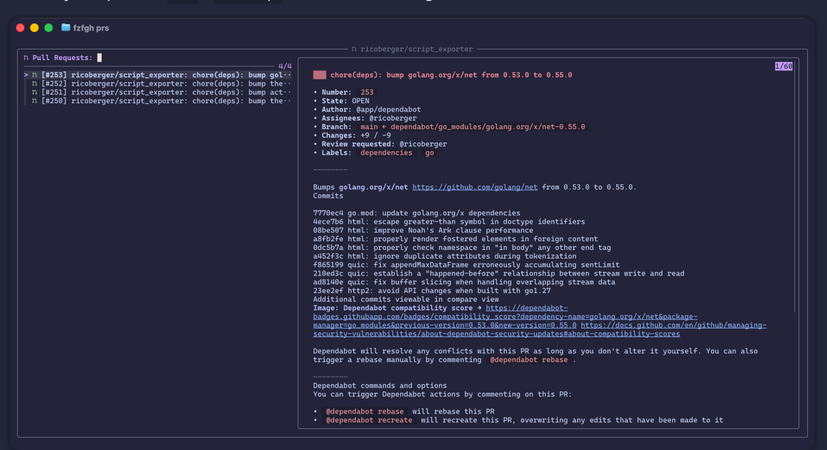
Scripts

General

A collection of custom fzf-based scripts to interactively browse and act on files, Kubernetes resources, Jira work items, Vault secrets and GitHub pull requests, issues and notifications.

- dotfiles

Run any script with `-h` / `--help` to see its full usage.



fzfe - File Explorer

`fzfe [directory]` - Browse files and directories, with a preview of folder contents and syntax-highlighted files.

`Enter` - Open the file / enter the directory

`Tab` / `Shift + Tab` - Select item and move down / up

`Alt + a` / `Alt + x` - Select all / deselect all

`Alt + y` - Copy absolute paths of the selection to the clipboard

`Alt + c` / `Alt + m` - Mark the selection to be copied / moved

`Alt + p` - Paste the copied / moved selection into the current directory

`Alt + d` - Delete the selection (`rm -r` , with confirmation)

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfk - Kubernetes

`fzfk <resource> [kubectl get args...]` - Browse Kubernetes resources; the list refreshes every 5 seconds.

`Tab` / `Shift + Tab` - Mark / unmark a resource (multi-select)

`Enter` - Describe the resource under the cursor

`Alt + p` - Port-forward (pick a port via fzf)

`Alt + e` - Exec into a container (pick a container via fzf)

`Alt + l` - Show container logs (pick a container via fzf)

`Alt + y` - Open the YAML manifest in nvim

`Alt + d` - Delete the marked resources (confirmation offers a force option)

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfjira - Jira

`fzfjira [JQL]` - Browse Jira work items via `acli` ; without a JQL a picker of named filters is shown.

`Enter` - View the work item (opens in nvim)

`Alt + a` - Assign the work item

`Alt + t` - Transition the work item (pick a status)

`Alt + c` - Add a comment (opens in nvim)

`Alt + e` - Edit the work item (type / summary / description)

`Alt + p` - Set / change the work item's parent Epic

`Alt + f` - Flag / unflag the work item (Impediment)

`Alt + n` - Create a new work item

`Alt + l` - Manage links (list / delete / create): `Enter` open the linked work item, `Alt + d` delete the highlighted link (after confirmation), `Alt + n` create a new link (pick a target work item, then a link type), `Esc` back to the list

`Alt + s` - Show the work item's sub-tasks in a nested picker (a new fzfjira list scoped to `parent = <key>` where every action above is available)

`Alt + o` - Open the work item in the web browser

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfvault - Vault

`fzfvault` - Drill down into the paths of a Vault kv secrets engine (v1 and v2 are auto-detected).

`Enter` - Open a folder (descend) or view a secret (read-only in nvim)

`Alt + e` - Edit the secret (data JSON in nvim, full overwrite on save)

`Alt + n` - Create a new secret

`Alt + d` - Delete the secret permanently (after confirmation)

`Alt + y` - Yank one field's value to the clipboard

`Alt + o` - Open the secret / folder in the Vault web UI

`Alt + r` - Reload the current level

`Esc` - Go up one level (at the root, back to the mount picker)

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfgh - Pull Requests

`fzfgh prs` - Pick a filter, then browse the matching pull requests.

`Alt + o` - Open the PR in the web browser

`Alt + y` - Copy the PR url to the clipboard

`Alt + m` - Merge the PR (pick a method) or close the PR

`Alt + l` - Add / remove a label

`Alt + e` - Edit the PR title / body (opens nvim)

`Alt + d` - Browse the PR diff hunk-by-hunk in fzf (preview shows the hunk and its review threads with resolved state; `Alt + c` reply, `Alt + n` new thread on a line, `Alt + x` resolve / unresolve, `Alt + o` web, `Alt + y` yank path)

`Alt + g` - Check out the PR and open nvim with `:GitDiff`

`Alt + v` - Review the PR (approve / comment / request changes)

`Alt + q` - Request a review (multi-select reviewers)

`Alt + c` - Add a comment (opens nvim)

`Alt + a` - Assign the PR to me

`Alt + k` - Open the checks sub-picker (GitHub Actions): `Enter` view the job summary and logs in nvim, `Alt + r` rerun failed jobs for the check's run, `Alt + o` open the check in the web browser

`Alt + w` - Toggle draft / ready for review

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfgh - Issues

`fzfgh issues` - Pick a filter, then browse the matching issues.

`Alt + o` - Open the issue in the web browser

`Alt + y` - Copy the issue url to the clipboard

`Alt + l` - Add / remove a label

`Alt + a` - Assign the issue to me

`Alt + e` - Edit the issue title / body (opens nvim)

`Alt + c` - Add a comment (opens nvim)

`Alt + x` - Close the issue (pick a reason)

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up

fzfgh - Notifications

`fzfgh` - Browse your GitHub notifications (the default view).

`Enter` - Open the notification (PR / issue in nvim, else in the browser)

`Tab` - Select / deselect (multi-select for batch read / done)

`Alt + d` - Mark selected notifications as done

`Alt + e` - Mark selected notifications as read

`Alt + o` - Open the notification in the web browser

`Alt + y` - Copy the notification url to the clipboard

`Alt + r` - Reload the list

`Ctrl + p` - Toggle the preview

`Ctrl + d` / `Ctrl + u` - Half page down / up

`Ctrl + f` / `Ctrl + b` - Preview half page down / up