

# Some (not so) new command line utilities

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Where is my file?

What was the name of the file where I wrote that phrase?

How can I keep track of my git repository?

How do I convert my markdown text to LaTeX?

Stay up-to-date with tools written in Haskell, Rust and Go which complement the classical UNIX command line canon.

## **fzf**

aka “Where is my file ?”

- fast and powerful command-line fuzzy finder
- helps you quickly search for files, directories and other items
- supports integration with other command-line tools, such as bash, git, ag, and fd

## **fzf with bash completion**

You want to run `command myfile` but `myfile` is deep in your directory hierarchy.

- enter `command` and `**<TAB>`
- choose file once found, press `enter`
- this will run `command somewhere/deep/myfile`

## **rg**

(aka " The rg command is a powerful, blazing-fast search tool for the command line, designed as an alternative to the traditional grep command. It supports regular expressions and is optimized for speed, making it ideal for searching large files and directories. It also includes several advanced features, such as support for search and replace operations, file type filtering, and contextual awareness.

## **gitui**

gitui is a terminal-based graphical user interface for Git that allows users to interact with their Git repositories using a more intuitive interface than the command-line interface. It provides an easy-to-use interface for common Git operations like commit, push, and pull, as well as more advanced features like branch management and stash management. gitui is cross-platform and can be used on Windows, Linux, and macOS.

## **pandoc**

(according to ChatGPT, but it's true):

Pandoc is a command-line utility for converting files from one format to another, such as Markdown to HTML, LaTeX to Word, or EPUB to PDF. It supports a wide range of input and output formats, including common markup languages, document formats, and even e-book formats. Pandoc can also be used as a library in other programs or scripts to automate document conversion tasks.