

Ripgrep

Christian Külker

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There are differences between ripgrep and standard grep:

1. Speed: ripgrep is designed to be faster than grep and other similar tools. It does this by using multiple threads to search for patterns in files, taking advantage of modern CPUs.
2. File selection: ripgrep has built-in file selection logic that allows it to search for patterns in specific types of files (e.g., text files, source code files, etc.) without the need for complex command-line options. It excludes files mentioned in `.gitignore`, `.ignore`, `.rignore` automatically.
3. Unicode support: ripgrep supports Unicode by default, which means it can search for patterns in text that contains non-ASCII characters that grep may not be able to handle properly.

Overall, `ripgrep` is a modern, powerful tool designed to be a faster and more user-friendly alternative to `grep`. It can be especially useful for searching large codebases and other collections of files.

You should use `grep` instead if POSIX compatibility is important.

1 Installation

```
aptitude install ripgrep
```

2 Usage

In this example, the `rg` command will search for the string “search term” in all files under the directory specified by `/path/to/directory`. By default, `rg` ignores hidden files and directories (i.e., those that begin with a dot).

```
rg "search term" /path/to/directory
```

This command searches for the string “search term” in all files with a `.py` extension (i.e., Python files). The `--type` option tells `rg` to search only in files of the specified type. You can replace `python` with any other supported file type (e.g. `ruby`, `markdown`, `json`, etc.).

```
rg "search term" --type=python
```

3 Source

- <https://github.com/BurntSushi/ripgrep>

4 History

Version	Date	Notes
0.1.0	2023-03-30	Improve writing and initial release

5 Disclaimer of Warranty

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