

cmd_cachier(1)

NAME

cmd_cachier - A caching service for your CLI commands using Redis.

SYNOPSIS

cmd_cachier 'SUBCOMMAND' ['YOUR_COMMAND']...

cmd_cachier ['YOUR_COMMAND']...

PREREQUISITES

Redis must be installed via your package manager of choice and must be in your PATH variable. Check if you can run **redis-server** from the command line.

Example: Installation on MacOS (homebrew)

```
$ brew install redis
```

DESCRIPTION

cmd_cachier saves the stdout of your cli commands like **find** or **fd**. If the command is not in the cache the command will execute in about the time it would take without **cmd_cachier**. The next time you use the command with **cmd_cachier** the console output should feel instantanious.

Also the lifetime of the cache is only as long as the machine runs. Meaning after a reboot it is cleared.

To keep commands refreshed, you can manually execute your command with the **save** subcommand, or you could refresh it programmatically via systemd timers or crontab (see **man crontab**).

crontab example:

Run:

```
$ crontab -e
```

Add the line for an update every minute:

```
* * * * * cmd_cachier save YOUR_COMMAND
```

Or every 5 minutes:

```
* / 5 * * * * cmd_cachier save YOUR_COMMAND
```

SUBCOMMANDS

The following subcommands are available:

save [YOUR_COMMAND]...

Save command to database in any case. Will overwrite if already in db.

query [YOUR_COMMAND]...

Try to query database. Returns empty string if not in db.

memory

Display memory usage of saved commands.

info

Info about the Redis database.

EXAMPLES

Cache list of files in `$HOME`:

```
$ cmd_cachier ls -1 "$HOME"
```

Cache list of git projects:

```
$ cmd_cachier fd --glob .git --hidden --type d --max-depth 6 --prune
```

Additionally, remove the `.git` folders from the path:

```
$ cmd_cachier fd --glob .git --hidden --type d --max-depth 6 --prune | while read -r line; do tmp="${line%/}"; echo "${tmp%/*}"; done
```

With `fzf`:

```
$ cmd_cachier fd . --type d --max-depth 5 --hidden "$HOME" | fzf
```

TIPS AND TRICKS

Alias **gp** to **cd** into a selected git project in the example above.

In your **.bashrc**:

```
alias gp='cd "$(cmd_cachier YOUR_SEARCH_COMMAND | fzf)''
```

Enforce refresh of the search on demand (alias with **gpup**):

```
alias gpup='cd "$(cmd_cachier save YOUR_SEARCH_COMMAND | fzf)''
```

KNOWN BUGS

Status	Bug
Resolved in 0.3	Every now and then a dump.rdb is created in the current directory.

EXTERNAL LINKS

manpages (mdoc macros)

<https://man.openbsd.org/mdoc.7>

manpages (man macros)

https://manpages.ubuntu.com/manpages/trusty/man7/groff_man.7.html

asciidoc/tor

<https://docs.asciidoctor.org/asciidoc/latest/syntax-quick-reference/>