

List of my most used commands and shortcuts in the terminal for Mac

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 0nn0 committed on GitHub Merge pull request #38 from hatarist/patch-1 ... Latest commit 2b265db on 9 Jul

|              |  |              |
|--------------|--|--------------|
| 📁 polish     | Removed duplicated turkish link              | 2 months ago |
| 📁 portugues  | Fixed table structure in translated readme's | a year ago   |
| 📁 tieng-viet | Translate to Vietnamese                      | a year ago   |
| 📁 turkish    | Remove 1 redundant line                      | a year ago   |
| 📁 中文请参考      | Removed duplicate rm -i [file]               | a year ago   |
| 📄 README.md  | Merge pull request #38 from hatarist/patch-1 | 2 months ago |

📖 README.md

# Terminal Cheatsheet for Mac (Basics)

- [Polska wersja](#)
- [Versão em Português](#)
- [Türkçe Versiyon](#)
- [Phiên bản tiếng việt](#)

Letters are shown capitalized for readability only. Capslock should be off.

## SHORTCUTS

| Key/Command | Description   |
|-------------|---|
| Ctrl + A    | Go to the beginning of the line you are currently typing on. This also works for most text input fields system wide. Netbeans being one exception |
| Ctrl + E    | Go to the end of the line you are currently typing on. This also works for most text input fields system wide. Netbeans being one exception       |
| Ctrl + Q    | Clears everything on current line   |
| Ctrl + L    | Clears the Screen   |
| Cmd + K     | Clears the Screen   |
| Ctrl + U    | Cut everything backwards to beginning of line   |
| Ctrl + K    | Cut everything forward to end of line   |
| Ctrl + W    | Cut one word backwards using white space as delimiter   |
| Ctrl + Y    | Paste whatever was cut by the last cut command  |
| Ctrl + H    | Same as backspace   |
| Ctrl + C    | Kill whatever you are running   |
| Ctrl + D    | Exit the current shell when no process is running, or send EOF to a the running process   |
| Ctrl + Z    | Puts whatever you are running into a suspended background process. fg restores it.  |

| Key/Command | Description  |
|-------------|--|
| Ctrl + _    | Undo the last command. (Underscore. So it's actually Ctrl + Shift + minus) |
| Ctrl + T    | Swap the last two characters before the cursor                             |
| Ctrl + F    | Move cursor one character forward  |
| Ctrl + B    | Move cursor one character backward   |
| Esc + F     | Move cursor one word forward   |
| Esc + B     | Move cursor one word backward  |
| Esc + T     | Swap the last two words before the cursor                                  |
| Tab         | Auto-complete files and folder names                                       |

## CORE COMMANDS

| Key/Command    | Description   |
|----------------|---|
| cd [folder]    | Change directory e.g. cd Documents  |
| cd             | Home directory  |
| cd ~           | Home directory  |
| cd /           | Root of drive   |
| cd -           | Previous directory  |
| ls             | Short listing   |
| ls -l          | Long listing  |
| ls -a          | Listing incl. hidden files  |
| ls -lh         | Long listing with Human readable file sizes                               |
| ls -R          | Entire content of folder recursively                                      |
| sudo [command] | Run command with the security privileges of the superuser (Super User DO) |
| open [file]    | Opens a file ( as if you double clicked it )                              |
| top            | Displays active processes. Press q to quit                                |
| nano [file]    | Opens the file using the nano editor                                      |
| vim [file]     | Opens the file using the vim editor                                       |
| clear          | Clears the screen   |
| reset          | Resets the terminal display   |

## CHAINING COMMANDS

| Key/Command                | Description  |
|----------------------------|--|
| [command-a]; [command-b]   | Run command A and then B, regardless of success of A |
| [command-a] && [command-b] | Run command B if A succeeded                         |
| [command-a]                |  |
| [command-a] &              | Run command A in background                          |

## PIPING COMMANDS

| Key/Command | Description |
|-------------|-------------|
|-------------|-------------|

|                           |   |
|---------------------------|---|
| [command-a]   [command-b] | Run command A and then pass the result to command B e.g ps auxwww   grep google |
|---------------------------|---|

|

## COMMAND HISTORY

| Key/Command | Description  |
|-------------|--|
| history n   | Shows the stuff typed – add a number to limit the last n items |
| Ctrl + r    | Interactively search through previously typed commands         |
| ![value]    | Execute the last command typed that starts with ‘value’        |
| !!          | Execute the last command typed                                 |

## FILE MANAGEMENT

| Key/Command              | Description  |
|--------------------------|--|
| touch [file]             | Create a new file  |
| pwd                      | Full path to working directory                               |
| .                        | Current folder, e.g. ls .                                    |
| ..                       | Parent/enclosing directory, e.g. ls ..                       |
| ls -l ..                 | Long listing of parent directory                             |
| cd ../../                | Move 2 levels up   |
| cat                      | Concatenate to screen  |
| rm [file]                | Remove a file, e.g. rm data.tmp                              |
| rm -i [file]             | Remove with confirmation                                     |
| rm -r [dir]              | Remove a directory and contents                              |
| rm -f [file]             | Force removal without confirmation                           |
| cp [file] [newfile]      | Copy file to file  |
| cp [file] [dir]          | Copy file to directory                                       |
| mv [file] [new filename] | Move/Rename, e.g. mv file1.ad /tmp                           |
| pbcopy < [file]          | Copies file contents to clipboard                            |
| pbpaste                  | Paste clipboard contents                                     |
| pbpaste > [file]         | Paste clipboard contents into file, pbpaste > paste-test.txt |

## DIRECTORY MANAGEMENT

| Key/Command           | Description  |
|-----------------------|--|
| mkdir [dir]           | Create new directory   |
| mkdir -p [dir]/[dir]  | Create nested directories  |
| rmdir [dir]           | Remove directory ( only operates on empty directories )                      |
| rm -R [dir]           | Remove directory and contents  |
| [command]   [command] | Allows to combine multiple commands that generate output, e.g. `cat data.txt |
| less                  | Output content delivered in screensize chunks                                |

| Key/Command         | Description   |
|---------------------|---|
| [command] > [file]  | Push output to file, keep in mind it will get overwritten |
| [command] >> [file] | Append output to existing file                            |
| [command] < [file]  | Tell command to read content from a file                  |

## SEARCH

| Key/Command                          | Description  |
|--------------------------------------|--|
| find [dir] -name [search_pattern]    | Search for files, e.g. <code>find /Users -name "file.txt"</code>                                 |
| grep [search_pattern] [file]         | Search for all lines that contain the pattern, e.g. <code>grep "Tom" file.txt</code>             |
| grep -r [search_pattern] [file]      | Recursively search for all lines that contain the pattern  |
| grep -v [search_pattern] [file]      | Search for all lines that do NOT contain the pattern   |
| grep -i [search_pattern] [file]      | Search for all lines that contain the case-insensitive pattern                                   |
| mdfind [search_pattern]              | Spotlight search for files (names, content, other metadata), e.g. <code>mdfind skateboard</code> |
| mdfind -onlyin [dir] -name [pattern] | Spotlight search for files named like pattern in the given directory                             |

## HELP

| Key/Command              | Description                                       |
|--------------------------|---|
| [command] -h             | Offers help                                       |
| [command] --help         | Offers help                                       |
| info [command]           | Offers help                                       |
| man [command]            | Show the help manual for [command]                |
| whatis [command]         | Gives a one-line description of [command]         |
| apropos [search-pattern] | Searches for command with keywords in description |