

Linux Terminal / bash

Shutdown later (at)

<https://www.computerhope.com/unix/uat.htm>

when leaving office with running processes

```
sudo at 20:55
shutdown -h now
# press Ctrl + d

# relative:
sudo at now + 2 hours
sudo at now + 30 minutes
```

Lock screen (usually Windows key + L) and leave

Bash Console tricks

- <https://itsfoss.com/linux-command-tricks/>
- <https://opensource.com/article/18/5/bash-tricks>
- <https://likegeeks.com/linux-command-line-tricks/>
- <https://linuxconfig.org/bash-command-line-tips-and-tricks>

Tab key

try tab for autocompletion - sometimes even twice

to previous directory

```
cd -
```

to home directory

```
cd ~
# or simpler:
cd
```

browse/search history

- simply use arrow up/down

or

- Ctrl + r and continue with search term
- Ctrl + r again for multiple/next match
- Ctrl + c to abort

or

```
history |grep term
```

keyboard shortcuts

check all with bind -p

- Alt + . prints last argument from previous command
- Ctrl + x + * expand glob/star
- Ctrl + arrow move by word
- Alt + f move to next word
- Alt + b move to prev word
- Ctrl + u to delete line to begin of line
- Ctrl + k to delete line to end of line
- Ctrl + l clear screen (lower L)

aliases and functions

<https://askubuntu.com/questions/17536/how-do-i-create-a-permanent-bash-alias>

reuse/insert last item from previous command

- write !\$
- Alt + .

reuse/insert full last command line, e.g. for sudo

```
sudo !!
```

combine multiple commands

- ; execute sequentially
- && execute next on success
- || execute next on fail - until first success

following command prints just "hello"

```
false || false || echo hello || echo world
```

display output as table

```
cat /etc/passwd | column -t -s :
```

history handling with multiple terminals

- <https://askubuntu.com/questions/80371/bash-history-handling-with-multiple-terminals>
- <https://unix.stackexchange.com/questions/1288/preserve-bash-history-in-multiple-terminal-windows>
- <https://www.baeldung.com/linux/preserve-history-multiple-windows>

nano: delete line(s)

<https://monovm.com/blog/how-to-delete-line-in-nano-delete-all/>

- Ctrl + Shift + 6 starts mark
- Ctrl + K deletes marked region

Links

- https://hackingcpp.com/dev/command_line_tools.html
- <https://github.com/rothgar/awesome-tuis>
- <https://github.com/alebcay/awesome-shell>
- <https://github.com/agarrharr/awesome-cli-apps>
- <https://github.com/k4m4/terminals-are-sexy>
- <https://github.com/busyloop/lolcat>
- terminal over web
 - <https://github.com/tsl0922/ttyd>
- improved tree
 - <https://github.com/dduan/tre>
- sparklines:
 - <https://github.com/sindresorhus/sparkly-cli>
- generate/analyze/convert colors:
 - <https://github.com/sharkdp/pastel>

- socket statistics
 - <https://ubuntu.com/blog/ss-another-way-to-get-socket-statistics>
- ultimate plumber
 - <https://ostechnix.com/ultimate-plumber-writing-linux-pipes-with-instant-live-preview/>
- analyzing server performance
 - <https://www.redhat.com/sysadmin/analyzing-linux-server-performance-atop>
- fzf: cli fuzzy finder
 - <https://github.com/junegunn/fzf>
 - <https://pragmaticpineapple.com/four-useful-fzf-tricks-for-your-terminal/>
- thefuck - correct previous console command
 - <https://github.com/nvbn/thefuck>
- leyrer
 - tmux @ GPN18: <https://www.youtube.com/watch?v=JhKXOYepX2E>
 - cli tools @ GPN18: <https://www.youtube.com/watch?v=OlQMXu4yCGk>
 - cli tools @ GPN19: <https://www.youtube.com/watch?v=8d8-PpcLc24>
 - allein zu haus: <https://www.youtube.com/watch?v=uEEHq6f8RsM>
- Sven Guckes (RIP)
 - Grazer Linxstage (GLT) 2010: <https://www.youtube.com/watch?v=lpfurbNXzHM>
 - Grazer Linxstage (GLT) 2013: <https://www.youtube.com/watch?v=pl1yfgy20Gk>
 - vim 2014: <https://www.youtube.com/watch?v=-EJQf9-xMFg>
 - figlet, toilet,
 - kielux 2015: <https://www.youtube.com/watch?v=prSBaBj-xEA>
 - Grazer Linxstage (GLT) 2016: <https://www.youtube.com/watch?v=evq2XqSjHDs>
 - FrOSCon Map 2016: <https://www.youtube.com/watch?v=EL6ne4oSjic>
 - LUGA 2917: vim fuer Fortgeschrittene 1:
<https://www.youtube.com/watch?v=YGVeNNFLIBM>
- Adding bash completion for your own tools

From:

<https://codingspirit.de/dokuwiki/> - **coding spirit**

Permanent link:

<https://codingspirit.de/dokuwiki/doku.php?id=devop:terminal>

Last update: **2023/12/26**

