command line

dt command line playlist : https://youtube.com/playlist?list=PL5-
-8gKSku174EnRTbP4DzU2W80Q1vqtm&si=dCj0HgNl9aLNmGny

- Commands
- Finding_Programs
- File_Permissions
- Pacman
- AUR
- Building_From_Source

Command line Cheat sheet

#cheat_sheet

$ Command $	explanation
pwd	print working directory
cd	change directory
cd -	go to the last working directory
ls	list files
ls -a	to list all files
ls -l	long listed format
ls - h	human readable numbers
ls -altrh	use it!
man {command}	manual for command
touch {filename}	to creat file
echo \ printf	print text
cat {filename}	to see file content
less {filename}	cats out from top go down by enter
head {filename}	cats out first 10 lines of a file
tail {filename}	cats out last 10 lines of a file
mkdir {dirname}	make a directory
mv {name} {new name}	rename a file

$ Command $	explanation
mv {file} {dir}	move file to the dir
cp {file} {dir}	copy file to the dir
rm {file_path}	remove file
rmdir {dir}	remove empty directory
rm -rf {dir}	remove directory
{command} > {filename}	redirect the output of the command to a file
grep 'string' {file location}	searchs the string in the mentioned file
|	pipe
history	used commands history
!84	to run the 84th command on the history
sudo !!	to run last command with sudo privileges
ping	
ctl + w	to clean words in command line
$ kill all {name-of-the-program} $ xkill (turns the cursor to a x)	terminating prosesses
jp2a picname --border --color	making ASCII version of picture
xclip -sel c < input_file	copy file content to clipboard
sudo fdisk -l	listing partitions
sudo blkid	seeing uuid of a drive

Finding a program on command line

- which {firefox} (list where is the bin)
- whereis {firefox} (list where is the bin, lib, etc, man)
- locate {name} (list every file with the path that got "name" in them)
  mlocate is the package name
- sudo find / -iname {name} (searching in the root and not case-sensitive)
  note = find is a powerfull command that dt has a video on it

File permissions

chmod
note = watch a video on it

- chmod +x = add the execute permission to a file
  note = to run a script on the terminal : $ ./{script file name}

pacman

$ sudo pacman -Rns = remove program and its dependences

refreshing mirrors
sudo pacman-mirrors -f 5

Installing from AUR

1. git clone {package address}
2. run terminal in the directory
3. makepkg -si
4. Sudo pacman -U {package.pkg.tar.zst}

Installing from source code (.tar.gz)

1. Extract the Source Code: tar -xzvf {Filename}.tar.gz
2. Prepare Dependencies: read the docs and pacman theme!
3. !!!!!!!!!!!!!!!!!!!!!!!!

bash calculator (bc)

extracting rar files

unrar e filename.rar