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Conky Widget

Installation

Installer le paquet conky

```
apt-get install conky-all
```

Pour avoir le logiciel en mode full option.

Ensuite éditer le fichier de config :

```
nano /home/user/.conkyrc
```

Contenu de ma config

```
conky.config = {
    own_window_type = 'normal',
    own_window_hints = 'undecorated,sticky,below,skip_taskbar,skip_pager',
    own_window_argb_visual = true,
    own_window_argb_value = 50,
    double_buffer = true,
    alignment = 'top_right',
    background = false,
    border_width = 1,
    cpu_avg_samples = 2,
    default_color = 'white',
    default_outline_color = 'white',
    default_shade_color = 'white',
    double_buffer = true,
    draw_borders = false,
    draw_graph_borders = true,
    draw_outline = false,
    draw_shades = false,
    extra_newline = false,
    font = 'DejaVu Sans Mono:size=12',
    gap_x = 60,
    gap_y = 60,
    minimum_height = 5,
    minimum_width = 5,
```

```
    net_avg_samples = 2,
    no_buffers = true,
    out_to_console = false,
    out_to_ncurses = false,
    out_to_stderr = false,
    out_to_x = true,
    own_window = true,
    own_window_class = 'Conky',
    own_window_type = 'desktop',
    show_graph_range = false,
    show_graph_scale = false,
    stippled_borders = 0,
    update_interval = 1.0,
    uppercase = false,
    use_spacer = 'none',
    use_xft = true,
}

conky.text = [[

${voffset -16}${font sans-serif:bold:size=18}${alignc}${time
%H:%M:%S}${font}
${voffset 4}${alignc}${time %A %B %d, %Y}
${font}${voffset -4}
$hr
${color White}${font sans-serif:bold:size=10}INFO:$color ${scroll 27 Conky
$conky_version - $sysname $nodename $kernel $machine}
$hr
${font sans-serif:bold:size=10}SYSTEM ${hr 2}
${color white}${font sans-serif:normal:size=8}Uptime:$color $uptime
${color White}Batterie restante ${goto 100} ${battery_time}
${battery_percent}% ${color green} ${battery_bar}$color
${color White}Frequency (in MHz):$color $freq
${color White}Frequency (in GHz):$color $freq_g
${color white}Processes:$color ${color Red}$processes:$color  ${color
white}Running:$color $running_processes

${font sans-serif:bold:size=10}MEMORY ${hr 2}
${font sans-serif:normal:size=8}RAM $alignc $mem / $memmax $alignr $memperc%
$membar
SWAP $alignc ${swap} / ${swapmax} $alignr ${swapperc}%
${swapbar}

${font sans-serif:bold:size=10}DISK USAGE ${hr 2}
${font sans-serif:normal:size=8} / $color${fs_used /}/${fs_size /} ${fs_bar
6 /}
${font sans-serif:normal:size=8}File System: $alignr${fs_type}
${font sans-serif:Bold:size=8}I/O Disk NVMe R: ${color Yellow}${diskio_read
/dev/disk/by-id/nvme-
nvme.1c5c-435930425430303033313031304239363 0-4243353131204e564d6520534b20687
96e6978203531324742-00000001-part3}$color
```

```
${font sans-serif:Bold:size=8}I/O Disk NVMe W: ${color Red}${diskio_write
/dev/disk/by-id/nvme-
nvme.1c5c-435930425430303033130313042393630-4243353131204e564d6520534b20687
96e6978203531324742-00000001-part3}$color
${font sans-serif:Bold:size=8}I/O Disk M2 USB R: ${color Green}${diskio_read
/dev/disk/by-id/wwn-0x5002303100afffe2-part1}:$color
${font sans-serif:Bold:size=8}I/O Disk M2 USB W: ${color Red}${diskio_write
/dev/disk/by-id/wwn-0x5002303100afffe2-part1}:$color

${font sans-serif:bold:size=10}CPU ${hr 2}
${font sans-serif:normal:size=8}${execi 1000 grep model /proc/cpuinfo | cut
-d : -f2 | tail -1 | sed 's/\s//'}
${font sans-serif:normal:size=8}${color White}${cpugraph cpu1}:$color
CPU1: ${cpu cpu1}% ${cpubar cpu1}
CPU2: ${cpu cpu2}% ${cpubar cpu2}
CPU3: ${cpu cpu3}% ${cpubar cpu3}
CPU4: ${cpu cpu4}% ${cpubar cpu4}
CPU5: ${cpu cpu5}% ${cpubar cpu5}
CPU6: ${cpu cpu6}% ${cpubar cpu6}
CPU7: ${cpu cpu7}% ${cpubar cpu7}
CPU8: ${cpu cpu8}% ${cpubar cpu8}

${font Ubuntu:bold:size=10}NETWORK ${hr 2}
${font sans-serif:normal:size=8}Local IPs:${alignr}External IP:
${color yellow} ${execi 1000 ip a | grep inet | grep -vw lo | grep -v inet6
| cut -d \/ -f1 | sed 's/[^0-9\.]*//g'}$color ${color Orange}
${alignr}${execi 1000  wget -q -O- http://ipecho.net/plain; echo}:$color
${font sans-serif:normal:size=8}Down: ${color Green}${downspeed wlo1}:$color
${alignr}Up: ${color Red}${upspeed wlo1}:$color
${color lightblue}${downspeedgraph wlo1 80,130 } ${alignr}${upspeedgraph
wlo1 80,130 }$color

${font sans-serif:bold:size=10}TOP PROCESSES ${hr 2}
${font sans-serif:normal:size=8}Name $alignr PID   CPU%   MEM%${font sans-
serif:normal:size=8}
${top name 1} $alignr ${top pid 1} ${top cpu 1}% ${top mem 1}%
${top name 2} $alignr ${top pid 2} ${top cpu 2}% ${top mem 2}%
${top name 3} $alignr ${top pid 3} ${top cpu 3}% ${top mem 3}%
${top name 4} $alignr ${top pid 4} ${top cpu 4}% ${top mem 4}%
${top name 5} $alignr ${top pid 5} ${top cpu 5}% ${top mem 5}%
${top name 6} $alignr ${top pid 6} ${top cpu 6}% ${top mem 6}%
${top name 7} $alignr ${top pid 7} ${top cpu 7}% ${top mem 7}%
${top name 8} $alignr ${top pid 8} ${top cpu 8}% ${top mem 8}%
${top name 9} $alignr ${top pid 9} ${top cpu 9}% ${top mem 9}%
${top name 10} $alignr ${top pid 10} ${top cpu 10}% ${top mem 10}%
${hr 2}

${color White}${font sans-serif:bold:size=10}$color ${scroll 30 Powered By
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${hr 2}
```
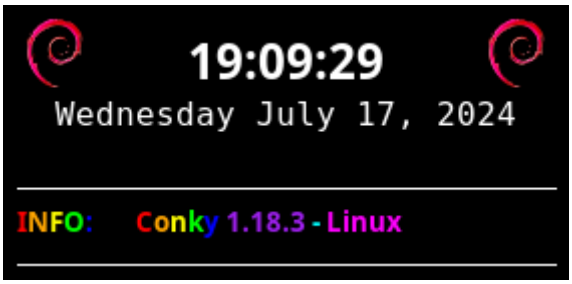

```
]]
```

Text mode Rainbow

Pour avoir les infos system en mode multi couleur:

```
${color red}${font sans-serif:bold:size=10}I${color orange}N${color
yellow}F${color green}O${color blue}:${color} ${scroll 27 ${color
red}C${color orange}o${color yellow}n${color green}k${color blue}y ${color
purple}$conky_version ${color cyan}- ${color magenta}$sysname ${color
green}$nodename ${color yellow}$kernel ${color orange}$machine}
```



Pour avoir des infos sur le réseaux Wifi , speed & channel

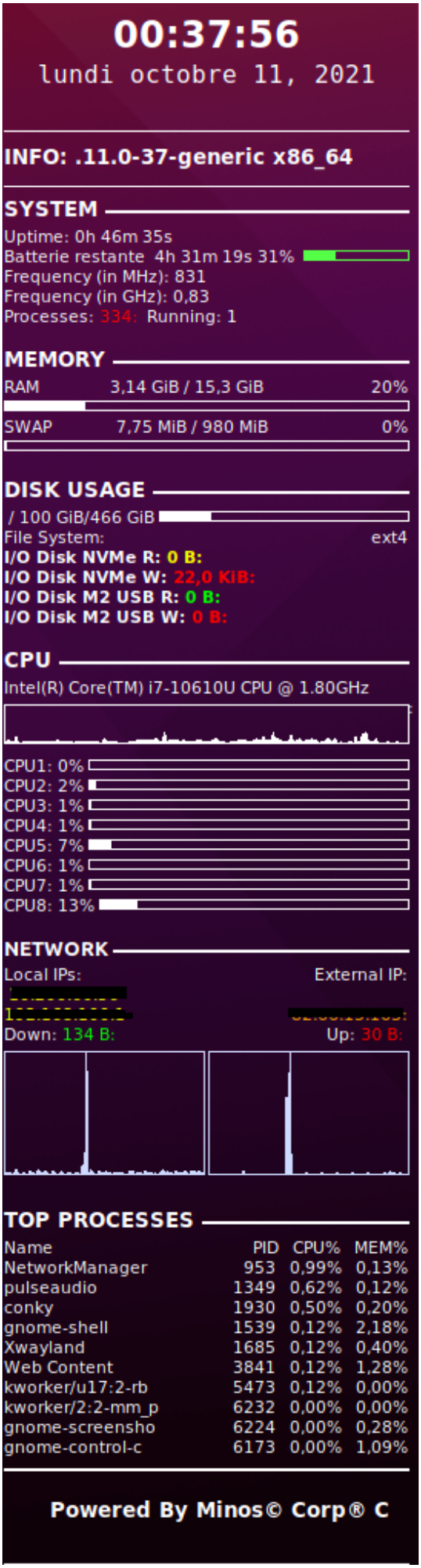
```
${font sans-serif:bold:size=10}${color #FF0000}S${color #FF7F00}p${color
#FFFF00}e${color #00FF00}e${color #0000FF}d${color #4B0082}:${color white}
${execi 10 /sbin/iwlist wlp0s20f3 bitrate | grep -w Current | awk '{print
$3,$4}' | cut -c 6-} ${exec /sbin/iwlist wlp0s20f3 channel | grep -w Current
| awk {'print $2,$3,$4,$5'} | cut -c 11-}
```

Note:
Le paramètre

```
${execi 10 /sbin/iwlist wlp0s20f3 bitrate ....
```

permet d'exécuter la commande toute les 10 second .

Rendu


00:37:56
lundi octobre 11, 2021
INFO: .11.0-37-generic x86_64
SYSTEM
Uptime: 0h 46m 35s
Batterie restante 4h 31m 19s 31%
Frequency (in MHz): 831
Frequency (in GHz): 0,83
Processes: 334: Running: 1
MEMORY
RAM 3,14 GiB / 15,3 GiB 20%
SWAP 7,75 MiB / 980 MiB 0%
DISK USAGE
/ 100 GiB/466 GiB
File System: ext4
I/O Disk NVMe R: 0 B:
I/O Disk NVMe W: 22,0 KiB:
I/O Disk M2 USB R: 0 B:
I/O Disk M2 USB W: 0 B:
CPU
Intel(R) Core(TM) i7-10610U CPU @ 1.80GHz
CPU1: 0%
CPU2: 2%
CPU3: 1%
CPU4: 1%
CPU5: 7%
CPU6: 1%
CPU7: 1%
CPU8: 13%
NETWORK
Local IPs:
External IP:
Down: 134 B:
Up: 30 B:
TOP PROCESSES
Name PID CPU% MEM%
NetworkManager 953 0,99% 0,13%
pulseaudio 1349 0,62% 0,12%
conky 1930 0,50% 0,20%
gnome-shell 1539 0,12% 2,18%
Xwayland 1685 0,12% 0,40%
Web Content 3841 0,12% 1,28%
kworker/u17:2-rb 5473 0,12% 0,00%
kworker/2:2-mm_p 6232 0,00% 0,00%
gnome-screensho 6224 0,00% 0,28%
gnome-control-c 6173 0,00% 1,09%
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Disk by ID

ASTUCE DISK by ID:
Pour ceux qui veulent des disk spécifiques ou des partitions, utiliser cette commande.

```
ll /dev/disk/by-id
```
