

Діяльність Термінал cp 21:54 en

valentyn@valentyn-VirtualBox: ~/repos/busybox

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```
[ 7.904902] sdhci: Copyright(c) Pierre Ossman
[ 7.908607] Synopsys Designware Multimedia Card Interface Driver
[ 7.912330] sdhci-pltfm: SDHCI platform and OF driver helper
[ 7.923377] ledtrig-cpu: registered to indicate activity on CPUs
[ 7.938027] usbcore: registered new interface driver usbhid
[ 7.938691] usbhid: USB HID core driver
[ 7.977945] NET: Registered protocol family 10
[ 7.994805] Segment Routing with IPv6
[ 7.995621] sit: IPv6, IPv4 and MPLS over IPv4 tunneling driver
[ 8.004349] NET: Registered protocol family 17
[ 8.014620] can: controller area network core (rev 20170425 abi 9)
[ 8.017030] NET: Registered protocol family 29
[ 8.017885] can: raw protocol (rev 20170425)
[ 8.018725] can: broadcast manager protocol (rev 20170425 t)
[ 8.020746] can: netlink gateway (rev 20170425) max_hops=1
[ 8.027771] Key type dns_resolver registered
[ 8.028723] ThumbEE CPU extension supported.
[ 8.029163] Registering SWP/SWPB emulation handler
[ 8.037883] Loading compiled-in X.509 certificates
[ 8.076436] input: gpio-keys as /devices/platform/gpio-keys/input/input0
[ 8.091623] rtc-pl031 9010000.pl031: setting system clock to 2021-12-08 19:5
0:37 UTC (1638993037)
[ 8.121405] uart-pl011 90000000.pl011: no DMA platform data
[ 8.249817] Freeing unused kernel memory: 2048K
[ 8.275255] Run /init as init process

Please press Enter to activate this console.
/ # uname -a
```

Right Ctrl

Uname -a:

```
[ 8.121405] uart-pl011 90000000.pl011: no DMA platform data
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Please press Enter to activate this console.
/ # uname -a
Linux (none) 4.19.220 #1 SMP Wed Dec 8 20:16:27 EET 2021 armv7l GNU/Linux
/ #
```

Right Ctrl

Ls -l:

```
Please press Enter to activate this console.
/ # uname -a
Linux (none) 4.19.220 #1 SMP Wed Dec 8 20:16:27 EET 2021 armv7l GNU/Linux
/ # ls -l
total 0
drwxr-xr-x  2 1000      1000          0 Dec  8 19:41 bin
drwxr-xr-x  2 1000      1000          0 Dec  8 19:44 boot
drwxr-xr-x  3 1000      1000          0 Dec  8 19:50 dev
drwxr-xr-x  3 1000      1000          0 Dec  8 19:47 etc
lrwxrwxrwx  1 1000      1000        11 Dec  8 19:43 init -> bin/busybox
drwxr-xr-x  3 1000      1000          0 Dec  8 19:46 lib
lrwxrwxrwx  1 1000      1000        11 Dec  8 19:41 linuxrc -> bin/busybox
dr-xr-xr-x 90 root      root          0 Jan  1 1970 proc
drwxr-xr-x  2 1000      1000          0 Dec  8 19:42 root
drwxr-xr-x  2 1000      1000          0 Dec  8 19:41 sbin
dr-xr-xr-x 12 root      root          0 Dec  8 19:50 sys
drwxr-xr-x  2 1000      1000          0 Dec  8 19:42 tmp
drwxr-xr-x  4 1000      1000          0 Dec  8 19:42 usr
/ #
```

Dmesg | grep init

```
drwxr-xr-x  4 1000      1000          0 Dec  8 19:42 usr
/ # dmesg | grep init
[ 0.000000] random: get_random_bytes called from start_kernel+0x9c/0x47c with crng_init=0
[ 0.000000] Memory: 407388K/524288K available (12288K kernel code, 1619K rwd ata, 4784K rodata, 2048K init, 393K bss, 51364K reserved, 65536K cma-reserved, 0K highmem)
[ 0.000000] .init : 0x(ptrval) - 0x(ptrval) (2048 kB)
[ 0.215656] devtmpfs: initialized
[ 0.302291] pinctrl core: initialized pinctrl subsystem
[ 0.794614] SCSI subsystem initialized
[ 1.467783] Trying to unpack rootfs image as initramfs...
[ 6.430283] Freeing initrd memory: 25092K
[ 7.241630] SuperH (H)SCI(F) driver initialized
[ 7.257263] msm_serial: driver initialized
[ 7.260752] STMicroelectronics ASC driver initialized
[ 7.271229] STM32 USART driver initialized
[ 8.275255] Run /init as init process
/ #
```

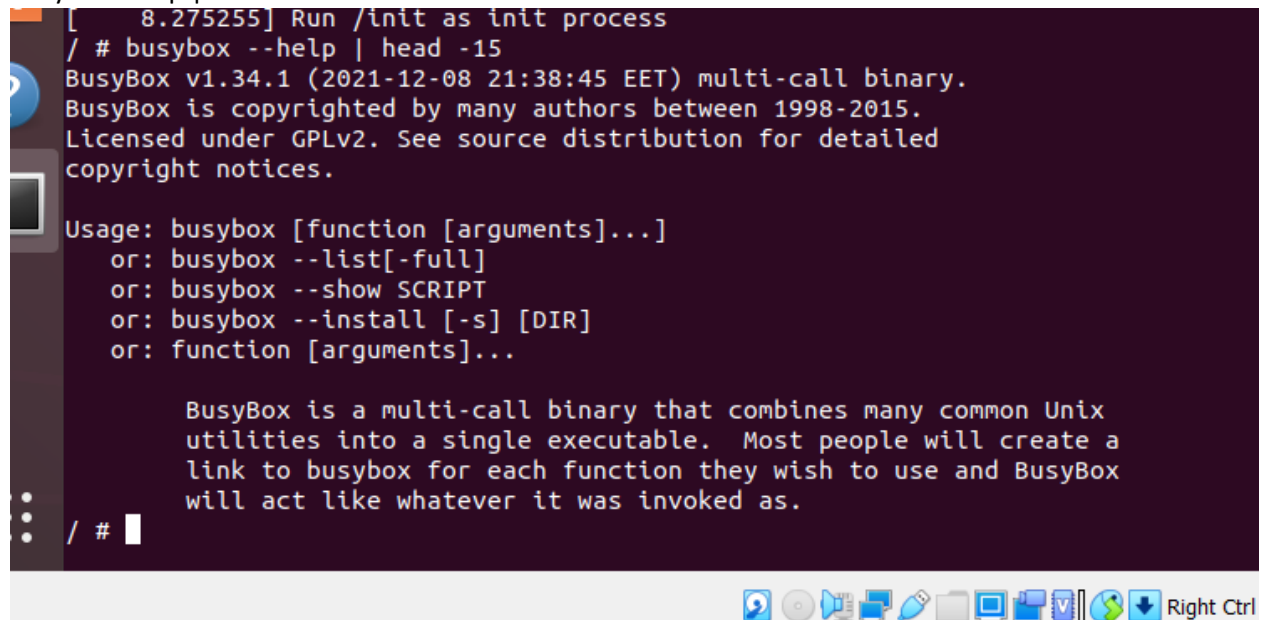
Busybox --help | head -15:

```
[ 8.275255] Run /init as init process
/ # busybox --help | head -15
BusyBox v1.34.1 (2021-12-08 21:38:45 EET) multi-call binary.
BusyBox is copyrighted by many authors between 1998-2015.
Licensed under GPLv2. See source distribution for detailed
copyright notices.

Usage: busybox [function [arguments]...]
or: busybox --list[-full]
or: busybox --show SCRIPT
or: busybox --install [-s] [DIR]
or: function [arguments]...

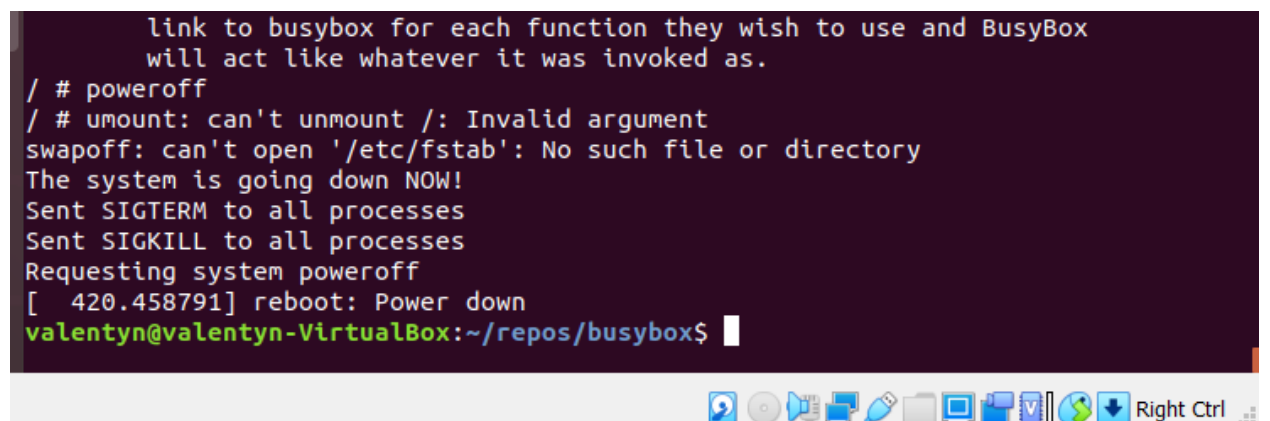
BusyBox is a multi-call binary that combines many common Unix
utilities into a single executable. Most people will create a
link to busybox for each function they wish to use and BusyBox
will act like whatever it was invoked as.

/ #
```

A terminal window with a dark purple background. The text is white and shows the output of the command 'busybox --help | head -15'. The output includes the BusyBox version (v1.34.1), copyright information, and usage instructions. The prompt is '/ #'. At the bottom of the terminal, there is a taskbar with various icons and the text 'Right Ctrl'.

Poweroff:

```
link to busybox for each function they wish to use and BusyBox
will act like whatever it was invoked as.
/ # poweroff
/ # umount: can't unmount /: Invalid argument
swapoff: can't open '/etc/fstab': No such file or directory
The system is going down NOW!
Sent SIGTERM to all processes
Sent SIGKILL to all processes
Requesting system poweroff
[ 420.458791] reboot: Power down
valentyn@valentyn-VirtualBox:~/repos/busybox$
```

A terminal window with a dark purple background. The text is white and shows the output of the command 'poweroff'. The output includes error messages for 'umount' and 'swapoff', and a confirmation that the system is going down. The prompt is 'valentyn@valentyn-VirtualBox:~/repos/busybox\$'. At the bottom of the terminal, there is a taskbar with various icons and the text 'Right Ctrl'.