

```

pi@raspberrypi:~$ hostname
raspberrypi
pi@raspberrypi:~$ env
SHELL=/bin/bash
LANGUAGE=en_US.UTF-8
NO_AT_BRIDGE=1
PWD=/home/pi
LOGNAME=pi
XDG_SESSION_TYPE=tty
HOME=/home/pi
LANG=en_US.UTF-8
LS_COLORS=rs=0:di=01:34:ln=01:36:mh=00:pi=40:33:so=01:35:do=01:35:bd=40:33:01:cd=40:33:01:or=40:31:01:mi=00:su=37:41:sg=30:43:ca=30:41:tw=30:42:ow=34:42:st=37:44:ex=01:3
2:*.tar=01:31:*.tgz=01:31:*.arc=01:31:*.arj=01:31:*.taz=01:31:*.lha=01:31:*.lzh=01:31:*.lzm=01:31:*.tlz=01:31:*.txz=01:31:*.tzo=01:31:*.t7z=01:31:*.zip=01:3
1:*.z=01:31:*.dz=01:31:*.gz=01:31:*.lrz=01:31:*.lzh=01:31:*.lzo=01:31:*.xz=01:31:*.zst=01:31:*.tzt=01:31:*.bz2=01:31:*.bz=01:31:*.tbz=01:31:*.tbz2=01:31:*.tz=01:31:*.deb
=01:31:*.rpm=01:31:*.jar=01:31:*.war=01:31:*.ear=01:31:*.sar=01:31:*.rar=01:31:*.alz=01:31:*.ace=01:31:*.zoo=01:31:*.cpio=01:31:*.7z=01:31:*.rz=01:31:*.cab=01:31:*.wim=0
1:31:*.swm=01:31:*.dwm=01:31:*.esd=01:31:*.jpg=01:35:*.jpeg=01:35:*.mjpg=01:35:*.mjpeg=01:35:*.gif=01:35:*.bmp=01:35:*.pbm=01:35:*.pgm=01:35:*.ppm=01:35:*.tga=01:35:*.xb
m=01:35:*.xpm=01:35:*.tif=01:35:*.tiff=01:35:*.png=01:35:*.svg=01:35:*.svgz=01:35:*.mng=01:35:*.pcx=01:35:*.mov=01:35:*.mpg=01:35:*.mpeg=01:35:*.m2v=01:35:*.mkv=01:35:*.
webm=01:35:*.ogm=01:35:*.mp4=01:35:*.m4v=01:35:*.mp4v=01:35:*.vob=01:35:*.qt=01:35:*.nuv=01:35:*.wmv=01:35:*.asf=01:35:*.rm=01:35:*.rmvb=01:35:*.flc=01:35:*.avi=01:35:*.
fli=01:35:*.flv=01:35:*.gl=01:35:*.dl=01:35:*.xcf=01:35:*.xwd=01:35:*.yuv=01:35:*.cgm=01:35:*.emf=01:35:*.ogv=01:35:*.ogx=01:35:*.aac=00:36:*.au=00:36:*.flac=00:36:*.m4a
=00:36:*.mid=00:36:*.midi=00:36:*.mka=00:36:*.mp3=00:36:*.mpc=00:36:*.ogg=00:36:*.ra=00:36:*.wav=00:36:*.oga=00:36:*.opus=00:36:*.spx=00:36:*.xspf=00:36:
SSH_CONNECTION=108.35.44.205 51586 192.168.1.230 22
XDG_SESSION_CLASS=user
XDG_SESSION_ID=4
TERM=xterm
USER=pi
SHLVL=1
XDG_SESSION_ID=4
XDG_RUNTIME_DIR=/run/user/1000
SSH_CLIENT=108.35.44.205 51586 22
LC_ALL=en_US.UTF-8
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/games:/usr/games
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/bus
MAIL=/var/mail/pi
SSH_TTY=/dev/pts/0
TEXTDOMAIN=linux-PAM
~/usr/bin/env
pi@raspberrypi:~$ ps
  PID TTY          TIME CMD
 1245 pts/0    00:00:00 bash
 1293 pts/0    00:00:00 ps
pi@raspberrypi:~$ pwd
/home/pi
pi@raspberrypi:~$ git clone https://github.com/kevinwlu/iot.git
Cloning into 'iot'...
remote: Enumerating objects: 11918, done.
remote: Counting objects: 100% (1811/1811), done.
remote: Compressing objects: 100% (776/776), done.
remote: Total 11918 (delta 1194), reused 144 (delta 955), pack-reused 10107
Receiving objects: 100% (11918/11918), 9.12 MiB | 12.50 MiB/s, done.
Resolving deltas: 100% (7974/7974), done.

```

```

pi@raspberrypi:~$ cd iot
pi@raspberrypi:~/iot$ ls
lesson1 lesson10 lesson2 lesson3 lesson4 lesson5 lesson6 lesson7 lesson8 lesson9 projects README.md special_problems standards
pi@raspberrypi:~/iot$ cd
pi@raspberrypi:~$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/root        14988544 3789360 10536900 27% /
devtmpfs         1827468      0   1827468   0% /dev
tmpfs            1959564      0   1959564   0% /dev/shm
tmpfs            1959564    16920  1942644   1% /run
tmpfs             5120         4     5116   1% /run/lock
tmpfs            1959564      0   1959564   0% /sys/fs/cgroup
/dev/mmcblk0p1   258095      49814   208282  20% /boot
tmpfs            391912         4    391908   1% /run/user/1000
pi@raspberrypi:~$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
pi@raspberrypi:~$ mkdir demo
pi@raspberrypi:~$ cd demo
pi@raspberrypi:~/demo$ nano file
pi@raspberrypi:~/demo$ cd
pi@raspberrypi:~$ cd demo
pi@raspberrypi:~/demo$ ls
file
pi@raspberrypi:~/demo$ cat file

pi@raspberrypi:~/demo$ cp file file1
pi@raspberrypi:~/demo$ mv file file2
pi@raspberrypi:~/demo$ rm file2

```

```
pi@raspberrypi:~/demo $ man uname
UNAME(1)                                User Commands                                UNAME(1)

NAME
    uname - print system information

SYNOPSIS
    uname [OPTION]...

DESCRIPTION
    Print certain system information.  With no OPTION, same as -s.

    -a, --all
        print all information, in the following order, except omit -p and -i if unknown:

    -s, --kernel-name
        print the kernel name

    -n, --nodename
        print the network node hostname

    -r, --kernel-release
        print the kernel release

    -v, --kernel-version
        print the kernel version

    -m, --machine
        print the machine hardware name

    -p, --processor
        print the processor type (non-portable)

    -i, --hardware-platform
        print the hardware platform (non-portable)

    -o, --operating-system
        print the operating system

    --help display this help and exit

    --version
        output version information and exit

AUTHOR
    Written by David MacKenzie.

REPORTING BUGS
    GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
    Report uname translation bugs to <https://translationproject.org/team/>

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SEE ALSO
    arch(1), uname(2)

    Full documentation at: <https://www.gnu.org/software/coreutils/uname>
    or available locally via: info '(coreutils) uname invocation'

GNU coreutils 8.30                                February 2019                                UNAME(1)
Manual page uname(1) line 1/61 (END) (press h for help or q to quit)
```

```
pi@raspberrypi:~/demo $ uname -a
Linux raspberrypi 5.10.17-v7l+ #1414 SMP Fri Apr 30 13:20:47 BST 2021 armv7l GNU/Linux
pi@raspberrypi:~/demo $ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.230 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::f1d3:f872:9bab:9789 prefixlen 64 scopeid 0x20<link>
    ether e4:5f:01:4f:26:8b txqueuelen 1000 (Ethernet)
    RX packets 8304 bytes 10427127 (9.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3055 bytes 284563 (277.8 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 88 bytes 9152 (8.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 88 bytes 9152 (8.9 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

pi@raspberrypi:~/demo $ ping localhost
PING localhost(localhost (::1)) 56 data bytes
64 bytes from localhost (::1): icmp_seq=1 ttl=64 time=0.141 ms
64 bytes from localhost (::1): icmp_seq=2 ttl=64 time=0.102 ms
64 bytes from localhost (::1): icmp_seq=3 ttl=64 time=0.076 ms
64 bytes from localhost (::1): icmp_seq=4 ttl=64 time=0.087 ms
64 bytes from localhost (::1): icmp_seq=5 ttl=64 time=0.104 ms
^C
--- localhost ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 139ms
rtt min/avg/max/mdev = 0.076/0.102/0.141/0.022 ms
```

```

pi@raspberrypi:~/demo $ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      240 raspberrypi:ssh        pool-108-35-44-20:51586 ESTABLISHED
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags   Type       State      I-Node  Path
unix    2      [ ]      DGRAM      -          18809    /run/user/1000/systemd/notify
unix    3      [ ]      DGRAM      -          9677     /run/systemd/notify
unix   18      [ ]      DGRAM      -          9688     /run/systemd/journal/dev-log
unix    7      [ ]      DGRAM      -          9699     /run/systemd/journal/socket
unix    2      [ ]      DGRAM      -          9714     /run/systemd/journal/syslog
unix    4      [ ]      DGRAM      -          17697    /var/run/wpa_supplicant/wlan0
unix    2      [ ]      DGRAM      -          17161    /var/run/wpa_supplicant/p2p-dev-wlan0
unix    2      [ ]      DGRAM      -          21000    /tmp/dhccpd-pi/libdhccpd-wpa-873.0
unix    2      [ ]      DGRAM      -          21001    /tmp/dhccpd-pi/libdhccpd-wpa-873.1
unix    3      [ ]      STREAM     CONNECTED  18041    -
unix    3      [ ]      STREAM     CONNECTED  15558    -
unix    3      [ ]      STREAM     CONNECTED  15627    -
unix    3      [ ]      STREAM     CONNECTED  17969    -
unix    3      [ ]      STREAM     CONNECTED  19649    /run/user/1000/bus
unix    2      [ ]      DGRAM      -          15671    -
unix    3      [ ]      STREAM     CONNECTED  15080    /var/run/dbus/system_bus_socket
unix    3      [ ]      STREAM     CONNECTED  14837    /run/systemd/journal/stdout
unix    3      [ ]      STREAM     CONNECTED  14833    /run/systemd/journal/stdout
unix    2      [ ]      DGRAM      -          11406    -
unix    2      [ ]      DGRAM      -          15662    -
unix    3      [ ]      STREAM     CONNECTED  19120    /run/user/1000/bus
unix    2      [ ]      DGRAM      -          15651    -
unix    3      [ ]      STREAM     CONNECTED  18090    -
unix    3      [ ]      STREAM     CONNECTED  18091    -
unix    3      [ ]      STREAM     CONNECTED  19020    /run/systemd/journal/stdout
unix    3      [ ]      STREAM     CONNECTED  18086    -
unix    3      [ ]      STREAM     CONNECTED  20504    -
unix    3      [ ]      STREAM     CONNECTED  15697    -
unix    3      [ ]      STREAM     CONNECTED  13046    /var/run/dbus/system_bus_socket
unix    3      [ ]      STREAM     CONNECTED  19486    /run/user/1000/bus
unix    3      [ ]      STREAM     CONNECTED  16585    -
unix    3      [ ]      STREAM     CONNECTED  16172    -
unix    3      [ ]      STREAM     CONNECTED  11180    -
unix    3      [ ]      STREAM     CONNECTED  16180    -
unix    3      [ ]      STREAM     CONNECTED  12764    -
unix    3      [ ]      STREAM     CONNECTED  15008    /var/run/dbus/system_bus_socket
unix    3      [ ]      STREAM     CONNECTED  16183    /run/user/1000/bus
unix    3      [ ]      STREAM     CONNECTED  14821    /run/systemd/journal/stdout
unix    3      [ ]      STREAM     CONNECTED  16219    /run/user/1000/bus
unix    3      [ ]      STREAM     CONNECTED  17280    /run/systemd/journal/stdout
unix    2      [ ]      DGRAM      -          12766    -
unix    3      [ ]      STREAM     CONNECTED  15009    /var/run/dbus/system_bus_socket
unix    2      [ ]      DGRAM      -          10420    -
unix    3      [ ]      STREAM     CONNECTED  19573    -
unix    3      [ ]      STREAM     CONNECTED  16181    -
unix    3      [ ]      STREAM     CONNECTED  17981    /run/systemd/journal/stdout
unix    2      [ ]      DGRAM      -          16220    -
unix    3      [ ]      STREAM     CONNECTED  12699    -
unix    3      [ ]      STREAM     CONNECTED  12980    -
unix    3      [ ]      STREAM     CONNECTED  12845    -
unix    3      [ ]      STREAM     CONNECTED  18865    -
unix    3      [ ]      STREAM     CONNECTED  17957    @/tmp/.X11-unix/X0
unix    3      [ ]      STREAM     CONNECTED  19482    /run/user/1000/bus

```

unix	3	[]	STREAM	CONNECTED	15989	
unix	3	[]	DGRAM		6953	
unix	3	[]	STREAM	CONNECTED	17776	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	15079	/run/systemd/journal/stdout
unix	2	[]	DGRAM		16567	
unix	3	[]	STREAM	CONNECTED	18839	
unix	3	[]	STREAM	CONNECTED	10643	
unix	2	[]	DGRAM		6949	
unix	3	[]	STREAM	CONNECTED	11481	/run/systemd/journal/stdout
unix	3	[]	DGRAM		6952	
unix	3	[]	STREAM	CONNECTED	20623	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	19481	
unix	2	[]	DGRAM		12701	
unix	3	[]	STREAM	CONNECTED	20622	
unix	3	[]	STREAM	CONNECTED	19470	
unix	3	[]	STREAM	CONNECTED	14920	/run/systemd/journal/stdout
unix	2	[]	DGRAM		16573	
unix	2	[]	DGRAM		19218	
unix	3	[]	DGRAM		18811	
unix	2	[]	DGRAM		18890	
unix	3	[]	STREAM	CONNECTED	17966	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	18203	/var/run/dhccpd.unpriv.sock
unix	3	[]	STREAM	CONNECTED	17891	
unix	3	[]	STREAM	CONNECTED	18689	
unix	3	[]	STREAM	CONNECTED	19097	
unix	2	[]	DGRAM		18698	
unix	3	[]	STREAM	CONNECTED	17740	
unix	3	[]	STREAM	CONNECTED	19214	
unix	3	[]	STREAM	CONNECTED	19865	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	17303	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	18813	
unix	3	[]	STREAM	CONNECTED	20997	
unix	3	[]	STREAM	CONNECTED	18790	
unix	3	[]	STREAM	CONNECTED	19102	
unix	3	[]	STREAM	CONNECTED	19639	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	16315	/run/user/1000/bus
unix	2	[]	DGRAM		18692	
unix	3	[]	STREAM	CONNECTED	20996	
unix	3	[]	STREAM	CONNECTED	19772	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	19220	
unix	3	[]	STREAM	CONNECTED	19095	@/dbus-vfs-daemon/socket-VatKBSLA
unix	3	[]	STREAM	CONNECTED	19749	/run/user/1000/menu-cached-:0
unix	3	[]	STREAM	CONNECTED	17869	
unix	3	[]	DGRAM		18810	
unix	3	[]	STREAM	CONNECTED	18047	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	17203	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	17965	
unix	3	[]	STREAM	CONNECTED	14913	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	19082	
unix	3	[]	STREAM	CONNECTED	15257	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	19094	
unix	3	[]	STREAM	CONNECTED	17272	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	17449	
unix	3	[]	STREAM	CONNECTED	15130	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	15129	
unix	3	[]	STREAM	CONNECTED	16221	/run/user/1000/bus
unix	2	[]	DGRAM		18796	
unix	3	[]	STREAM	CONNECTED	17871	
unix	2	[]	DGRAM		18799	
unix	3	[]	STREAM	CONNECTED	18869	
unix	3	[]	STREAM	CONNECTED	17892	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	17786	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	15286	
unix	3	[]	STREAM	CONNECTED	15287	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	14912	
unix	3	[]	STREAM	CONNECTED	18204	/var/run/dhccpd.unpriv.sock

unix	3	[]	STREAM	CONNECTED	18690	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	17962	
unix	2	[]	DGRAM		15152	
unix	3	[]	STREAM	CONNECTED	19638	
unix	3	[]	STREAM	CONNECTED	17963	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	17951	@/tmp/.X11-unix/X0
unix	2	[]	STREAM	CONNECTED	21612	
unix	3	[]	STREAM	CONNECTED	20500	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	19066	/run/systemd/journal/stdout
unix	2	[]	DGRAM		23646	
unix	3	[]	STREAM	CONNECTED	19719	
unix	3	[]	STREAM	CONNECTED	17321	
unix	3	[]	STREAM	CONNECTED	17081	
unix	3	[]	STREAM	CONNECTED	15006	
unix	3	[]	STREAM	CONNECTED	20509	
unix	3	[]	STREAM	CONNECTED	18059	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	18976	
unix	3	[]	STREAM	CONNECTED	17322	
unix	3	[]	STREAM	CONNECTED	16688	
unix	3	[]	DGRAM		11170	
unix	2	[]	DGRAM		19693	
unix	3	[]	STREAM	CONNECTED	17383	
unix	3	[]	DGRAM		11173	
unix	3	[]	STREAM	CONNECTED	21614	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	18972	
unix	3	[]	STREAM	CONNECTED	18974	
unix	2	[]	DGRAM		11168	
unix	3	[]	STREAM	CONNECTED	21613	
unix	3	[]	STREAM	CONNECTED	19646	/var/run/dbus/system_bus_socket
unix	3	[]	DGRAM		11171	
unix	3	[]	STREAM	CONNECTED	21591	
unix	3	[]	STREAM	CONNECTED	19057	
unix	3	[]	STREAM	CONNECTED	17831	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	12644	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	20617	/run/user/1000/pulse/native
unix	3	[]	STREAM	CONNECTED	19691	
unix	3	[]	STREAM	CONNECTED	19651	/run/user/1000/bus
unix	3	[]	DGRAM		17403	
unix	3	[]	STREAM	CONNECTED	15154	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	18864	
unix	3	[]	STREAM	CONNECTED	19737	
unix	3	[]	STREAM	CONNECTED	19058	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	19467	/var/run/dbus/system_bus_socket
unix	2	[]	STREAM	CONNECTED	21598	
unix	3	[]	STREAM	CONNECTED	19017	
unix	3	[]	STREAM	CONNECTED	11162	
unix	3	[]	STREAM	CONNECTED	14727	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	17324	
unix	3	[]	STREAM	CONNECTED	11259	
unix	3	[]	STREAM	CONNECTED	20503	/run/user/1000/bus
unix	2	[]	DGRAM		17111	
unix	3	[]	STREAM	CONNECTED	15007	
unix	3	[]	STREAM	CONNECTED	23652	
unix	3	[]	STREAM	CONNECTED	21593	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	18004	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	15307	/run/systemd/journal/stdout
unix	2	[]	DGRAM		15104	
unix	3	[]	DGRAM		11172	
unix	3	[]	STREAM	CONNECTED	16665	
unix	3	[]	STREAM	CONNECTED	15113	
unix	3	[]	STREAM	CONNECTED	20308	
unix	3	[]	STREAM	CONNECTED	18925	
unix	3	[]	STREAM	CONNECTED	18932	
unix	3	[]	STREAM	CONNECTED	15114	
unix	3	[]	STREAM	CONNECTED	21594	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	17384	/run/systemd/journal/stdout

unix	3	[]	STREAM	CONNECTED	20609	/var/run/dbus/system_bus_socket
unix	2	[]	DGRAM		16599	
unix	3	[]	STREAM	CONNECTED	20301	
unix	3	[]	STREAM	CONNECTED	17995	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	17967	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	19466	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	23653	
unix	3	[]	STREAM	CONNECTED	15115	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	21618	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	18970	
unix	3	[]	STREAM	CONNECTED	19059	
unix	3	[]	STREAM	CONNECTED	21617	
unix	3	[]	STREAM	CONNECTED	20495	
unix	3	[]	STREAM	CONNECTED	17994	/run/systemd/journal/stdout
unix	2	[]	STREAM	CONNECTED	19951	
unix	3	[]	STREAM	CONNECTED	19628	/run/user/1000/bus
unix	3	[]	DGRAM		17402	
unix	3	[]	DGRAM		9679	
unix	3	[]	STREAM	CONNECTED	19444	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	17955	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	15272	/var/run/dbus/system_bus_socket
unix	3	[]	DGRAM		9678	
unix	3	[]	STREAM	CONNECTED	19653	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	17340	
unix	3	[]	STREAM	CONNECTED	16979	