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Linux

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shell: /bin/sh;

/bin/csh; /bin/ksh.

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file.txt , /etc. - ,

```
omturaeva@dk3n33 ~ $ cd  
omturaeva@dk3n33 ~ $ ls /etc > file.txt  
omturaeva@dk3n33 ~ $ ls ~ >>file.txt
```

. 1:

file.txt,

.conf,

conf.txt.

```
omturaeva@dk3n33 ~ $ grep .conf file.txt
appstream.conf
brltty.conf
ca-certificates.conf
cachefilesd.conf
cfg-update.conf
chrome-flags.conf
chrony.conf
dconf
dhcpcd.conf
dispatch-conf.conf
dleyna-renderer-service.conf
dleyna-server-service.conf
dnsmasq.conf
dracut.conf
e2fsck.conf
e2scrub.conf
etc-update.conf
fluidsynth.conf
fuse.conf
gai.conf
```

```
request-key.conf  
resolv.conf  
rofi-pass.conf  
rsyncd.conf  
rsyslog.conf  
sandbox.conf  
sddm.conf  
sddm.conf.d  
sensors3.conf  
signond.conf  
smartd.conf  
strongswan.conf  
sudo.conf  
sudo_logsrvd.conf  
swtpm-localca.conf  
swtpm_setup.conf  
sysconfig  
systemconfig  
udhcpd.conf  
updatedb.conf  
vconsole.conf  
whois.conf  
xattr.conf  
xinetd.conf  
omturaeva@dk3n33 ~ $ grep .conf file.txt > conf.txt
```

. 3:

conf.txt

```
omturaeva@dk3n33 ~ $ ls -l | grep c*  
-rw-r--r-- 1 omturaeva studsci 1352 map 28 12:49 conf.txt  
omturaeva@dk3n33 ~ $ find ~/c* -name "c*" -print  
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/conf.txt  
omturaeva@dk3n33 ~ $
```

. 4:

/etc,

h

```

find: '/etc/cups/certs': Отказано в доступе
find: '/etc/cups/ssl': Отказано в доступе
/etc/udev/hwdb.d
/etc/udev/hwdb.bin
find: '/etc/polkit-1/rules.d': Отказано в доступе
/etc/harbour
/etc/harbour/hb-charmap.def
/etc/httpd
/etc/X11/fontpath.d/hack
/etc/systemd/homed.conf
/etc/systemd/system/hddtemp.service.d
find: '/etc/skey': Отказано в доступе
/etc/init.d/hsqldb
/etc/init.d/hddtemp
/etc/init.d/hdparm
/etc/init.d/hotplug
/etc/firejail/hitori.profile
/etc/firejail/hedgewars.profile
/etc/firejail/host.profile
/etc/firejail/handbrake.profile
/etc/firejail/hashe common.profile
/etc/firejail/hexchat.profile
/etc/firejail/homebank.profile
/etc/firejail/hyperrogue.profile
/etc/firejail/handbrake-gtk.profile
/etc/firejail/hashcat.profile
/etc/firejail/hugin.profile
/etc/firejail/highlight.profile
/etc/avahi/hosts
/etc/highlight
/etc/hostname
find: '/etc/cron.hourly': Отказано в доступе
find: '/etc/multipath': Отказано в доступе
/etc/htdig
/etc/htdig/htdig.conf
find: '/etc/mail/spamassassin/sa-update-keys': Отказано в доступе
find: '/etc/cron.daily': Отказано в доступе
/etc/distcc/hosts
/etc/sane.d/hp5400.conf
/etc/sane.d/hp4200.conf
/etc/sane.d/hp3900.conf
/etc/sane.d/hp.conf
/etc/sane.d/hs2p.conf
/etc/hal
/etc/hal/halid.conf
/etc/hotplug
find: '/etc/fcron': Отказано в доступе
find: '/etc/lvm/cache': Отказано в доступе
/etc/mercurial/hgrc.d
/etc/xdg/xfce4/helpers.rc

```

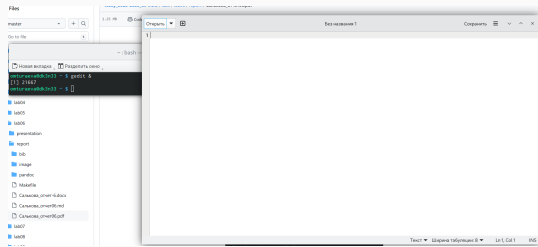
##

```

omturaeva@dk3n33 ~ $ find ~ -name "log*" -print > ~/logfile &
[1] 20707
omturaeva@dk3n33 ~ $ rm -r logfile

```


logfile.1 , ~/logfile , log,



. 6:

gedit.

```
omturaeva@dk3n33 ~ $ ps aux | grep -i gedit
omturae+ 21667 1.2 2.9 759136 114968 pts/0 S1 12:59 0:02 gedit
omturae+ 22983 0.0 0.0 6932 2356 pts/0 S+ 13:02 0:00 grep --colour=auto -i
gedit
```

. 7: gedit

ps

```
omturaeva@dk3n33 ~ $ ps aux | grep -i gedit
omturae+  21667  1.2  2.9 759136 114968 pts/0    Sl   12:59   0:02 gedit
omturae+  22983  0.0  0.0   6932   2356 pts/0    S+   13:02   0:00 grep --colour=auto -i
gedit
```

. 8:

ps

```
omturaeva@dk3n33 ~ $ ps aux | grep -i gedit
omturae+  21667  1.2  2.9 759136 114968 pts/0    Sl   12:59   0:02 gedit
omturae+  22983  0.0  0.0   6932   2356 pts/0    S+   13:02   0:00 grep --colour=auto -i
gedit
```

. 9:

kill

gedit

```
KILL(1)                                User Commands                                KILL(1)

NAME
  kill - send a signal to a process

SYNOPSIS
  kill [options] <pid> [...]

DESCRIPTION
  The default signal for kill is TERM. Use -l or -L to list available signals.
  Particularly useful signals include HUP, INT, KILL, STOP, CONT, and 0. Alter-
  nate signals may be specified in three ways: -9, -SIGKILL or -KILL.  Negative
  PID values may be used to choose whole process groups; see the PGID column in
  ps command output. A PID of -1 is special; it indicates all processes except
  the kill process itself and init.

OPTIONS
  <pid> [...]
    Send signal to every <pid> listed.

  -<signal>
  -s <signal>
  --signal <signal>
    Specify the signal to be sent. The signal can be specified by using
    name or number. The behavior of signals is explained in signal(7) man-
    ual page.

  -q, --queue value
    Use sigqueue(3) rather than kill(2) and the value argument is used to
    specify an integer to be sent with the signal. If the receiving process

Manual page kill(1) line 1 (press h for help or q to quit)
```

. 10:

```
omturaeva@dk3n33 ~ $ kill 37641  
bash: kill: (37641) - Нет такого процесса
```

. 11:


```
df du omturaeva@dk3n33 ~ $ man df  
omturaeva@dk3n33 ~ $ man du
```

```
DE(1)                                User Commands                                DE(1)

NAME
    df - report file system space usage

SYNOPSIS
    df [OPTION]... [FILE]...

DESCRIPTION
    This manual page documents the GNU version of df. df displays the amount of
    space available on the file system containing each file name argument. If no
    file name is given, the space available on all currently mounted file systems
    is shown. Space is shown in 1K blocks by default, unless the environment
    variable POSIXLY_CORRECT is set, in which case 512-byte blocks are used.

    If an argument is the absolute file name of a device node containing a mounted
    file system, df shows the space available on that file system rather than on
    the file system containing the device node. This version of df cannot show
    the space available on unmounted file systems, because on most kinds of sys-
    tems doing so requires non-portable intimate knowledge of file system struc-
    tures.

OPTIONS
    Show information about the file system on which each FILE resides, or all file
    systems by default.

    Mandatory arguments to long options are mandatory for short options too.

    -a, --all
        include pseudo, duplicate, inaccessible file systems

Manual page df(1) line 1 (press h for help or q to quit)
```

. 12: man df

```
du(1)                                User Commands                                du(1)

NAME
du - estimate file space usage

SYNOPSIS
du [OPTION]... [FILE]...
du [OPTION]... --files0-from=F

DESCRIPTION
Summarize device usage of the set of FILES, recursively for directories.

Mandatory arguments to long options are mandatory for short options too.

  -0, --null
        end each output line with NUL, not newline

  -a, --all
        write counts for all files, not just directories

  --apparent-size
        print apparent sizes rather than device usage; although the apparent
        size is usually smaller, it may be larger due to holes in ('sparse')
        files, internal fragmentation, indirect blocks, and the like

  -B, --block-size=SIZE
        scale sizes by SIZE before printing them; e.g., '-BM' prints sizes in
        units of 1,048,576 bytes; see SIZE format below

  -b, --bytes

Manual page du(1) line 1 (press h for help or q to quit)
```

. 13: man du

```

omturaeva@dk3n33 ~ $ df
Файловая система 1K-блоков  Использовано    Доступно  Использовано%  Смонтировано в
/dev/sda8          525626596      114807188    384045616         24% /
devtmpfs           4096           0             4096           0% /dev
tmpfs              1968012         0            1968012         0% /dev/shm
tmpfs              787208          20116         767092          3% /run
tmpfs              1968012         285060        1682952         15% /tmp
AFS                2147483647       0    2147483647         0% /afs
tmpfs              393600          216           393384          1% /run/user/5549
omturaeva@dk3n33 ~ $ █

```

. 14:

df

find

```
omturaeva@dk3n33 ~ $ find ~ -type d -print
```

. 15:

```

/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/.userPrefs
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/.userPrefs/jetbrains
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/.userPrefs/jetbrains/jetprofile
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/.userPrefs/jetbrains/jetprofile/asset
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/.userPrefs/jetbrains/_!(!!cg"p!{!})@"j!
(k!|w"w! '8!b!"p!':!e@==
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/fonts
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.java/fonts/17.0.5
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.elementary
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.elementary/config
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/.elementary/config/standard
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/bin
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages/wheel
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages/wheel/cli
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages/wheel/vendored
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages/wheel/vendored/packaging
/afs/.dk.sci.pfu.edu.ru/home/o/m/omturaeva/PycharmProjects/pythonProject/venv/lib/python
3.11/site-packages/wheel-0.38.4.dist-info

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. 16:



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