

**№8**

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-03-23



Linux

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shell: /bin/sh;

/bin/csh; /bin/ksh.

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file.txt

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/etc. -

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```
edkurnikova@dk2n22 ~ $ ls /ect > file.txt
ls: невозможно получить доступ к '/ect': Нет такого файла или каталога
edkurnikova@dk2n22 ~ $ ls /etc > file.txt
edkurnikova@dk2n22 ~ $ ls ~ >>file.txt
```

. 1:

file.txt,

.conf,

conf.txt.

```
edkurnikova@edk2n22 ~ $ grep .conf file.txt
appstream.conf
brlty.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
gconf
genkernel.conf
gssapi_mech.conf
host.conf
i3blocks.conf
i3status.conf
idmapd.conf
```

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idmapd.conf
idn2.conf
idn2.conf.sample
idnalias.conf
idnalias.conf.sample
ipsec.conf
java-config-2
krb5.conf
krb5.conf.example
ldap.conf
ldap.conf.sudo
ld.so.conf
ld.so.conf.d
libaudit.conf
lightdm.conf
locale.conf
logrotate.conf
mailutils.conf
make.conf
man.conf
man_db.conf
metalog.conf
mke2fs.conf
mlocate-cron.conf
modprobe.conf.1100
modprobe.conf.old
modules.conf
modules.conf.old
mplayer.conf
netconfig
nscd.conf
nslcd.conf
```

```
edkurnikova@dk2n22 ~ $ grep .conf file.txt > conf.txt
edkurnikova@dk2n22 ~ $ ls -l | grep c*
-rw-r--r-- 1 edkurnikova studsci 1352 map 29 17:28 conf.txt
edkurnikova@dk2n22 ~ $ find ~/c* -name "c*" -print
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/conf.txt
edkurnikova@dk2n22 ~ $
```

. 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/ha1
/etc/ha1/hald.conf
/etc/hotplug
find: '/etc/ferret': Отказано в доступе
find: '/etc/lvm/cache': Отказано в доступе
/etc/mercurial/hgrc.d
/etc/xdg/xfce4/helpers.rc

```

##

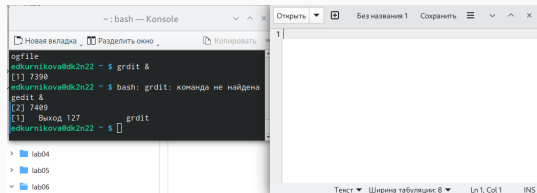
```

edkurnikova@dk2n22 ~ $ find ~ -name "log*" -print > ~/logfile &
[1] 7298
edkurnikova@dk2n22 ~ $ rm -r logfile

```



logfile.1 , ~/logfile , log,



. 6:

gedit.

```
edkurnikova@dk2n22 ~ $ ps aux | grep -i gedit
edkurni+  7409  3.7  1.4 755688 118700 pts/0    S1   17:35   0:02 gedit
edkurni+  7517  0.0  0.0   6932   2368 pts/0    S+   17:36   0:00 grep --colour=auto -i gedit
edkurnikova@dk2n22 ~ $
```

. 7: gedit

ps

```
edkurnikova@dk2n22 ~ $ ps aux | grep -i gedit
edkurni+   7409  3.7  1.4 755688 118700 pts/0    Sl   17:35   0:02 gedit
edkurni+   7517  0.0  0.0   6932   2368 pts/0    S+   17:36   0:00 grep --colour=auto -i gedit
edkurnikova@dk2n22 ~ $
```

. 8:

## ps

```

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. Alternate signals may be specified in three ways: -9, -SIGKILL or -KILL. Neg-
    ative 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 sig-
        nals is explained in signal(7) manual 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 has installed a handler for this signal using the SA_SIGINFO flag to
        sigaction(2), then it can obtain this data via the si_value field of the siginfo_t structure.

    -l, --list [<signal>]
        List signal names. This option has optional argument, which will convert signal number to signal name, or
        other way round.

    -L, --table
        List signal names in a nice table.

NOTES
    Your shell (command line interpreter) may have a built-in kill command. You may need to run the command
    described here as /bin/kill to solve the conflict.

EXAMPLES
    kill -9 -1
        Kill all processes you can kill.

    kill -1 11

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

```

kill

gedit

```
edkurnikova@dk2n22 ~ $ kill 37641
bash: kill: (37641) - Нет такого процесса
edkurnikova@dk2n22 ~ $
```

. 10:

```
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 systems doing so requires non-portable intimate knowledge of file system structures.

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

. 11:



df du

```

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

```

```
edkurnikova@dk2n22 ~ $ man df
edkurnikova@dk2n22 ~ $ man du
```

. 12: man df

```
edkurnikova@dk2n22 ~ $ df
Файловая система 1K-блоков  Использовано  Доступно  Использовано%  Смонтировано в
/dev/sda8          525626596    127387864    371464940        26% /
devtmpfs           4096         0             4096            0% /dev
tmpfs              3999624      0            3999624          0% /dev/shm
tmpfs              1599852      20228        1579624          2% /run
tmpfs              3999624      150068       3849556          4% /tmp
AFS                2147483647    0    2147483647        0% /afs
tmpfs              799924       208         799716          1% /run/user/5465
```

. 13: man du

```
edkurnikova@dk2n22 ~ $ find ~ -type d -print
```

. 14: df

find

```
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.texlive2023/texmf-var/luatex-cache/ge
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fontconfig
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.pki
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.pki/nssdb
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr/share
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr/share/virtualbox
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/samba
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/addressbook
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/addressbook/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/calendar
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/calendar/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/mail
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/mail/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/memos
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/memos/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/sources
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/sources/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/tasks
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/tasks/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/obexd
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/e6
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/a7
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/92
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d6
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/54
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/32
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d5
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f1
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f8
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/35
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/1f
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d8
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/31
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/21
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/2e
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f4
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/00
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/77
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/7d
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/8d
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/4c
```

```
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.texlive-2023/texmf-var/luatex-cache/ge
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fontconfig
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.pki
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.pki/nssdb
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr/share
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.fr-X2LAJ2/usr/share/virtualbox
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/samba
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/addressbook
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/addressbook/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/calendar
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/calendar/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/mail
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/mail/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/memos
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/memos/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/sources
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/sources/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/tasks
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/evolution/tasks/trash
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/obexd
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/e6
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/a7
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/92
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d6
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/54
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/32
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d5
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f1
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f8
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/35
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/1f
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/d8
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/31
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/21
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/2e
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/f4
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/00
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/77
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/7d
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/8d
/afs/.dk.sci.pfu.edu.ru/home/e/d/edkurnikova/.cache/mesa_shader_cache/4c
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