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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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```
agbuterin@dk2n25 ~ $ ls /etc > file.txt  
agbuterin@dk2n25 ~ $ ls ~ >>file.txt
```

. 1:

file.txt,

.conf,

conf.txt.

```
jagbuterin@dk2n25 ~ $ 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
dley-na-renderer-service.conf
dley-na-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
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
```

```
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
nss-ldapd.conf
nsswitch.conf
nsswitch.conf-
nsswitch.conf.20060126
nsswitch.conf.orig
nsswitch-sss.conf
ntp.conf
ntp.conf-eth0.sv
ntpd.conf
pear.conf
pe-format2.conf
pmount.conf
prelink.conf.d
pump.conf
pwdb.conf
```

Помощник KGrg [Telegram Web — Mozilla Firefox]

```
netconfig
nscd.conf
nslcd.conf
nss-ldapd.conf
nsswitch.conf
nsswitch.conf-
nsswitch.conf.20060126
nsswitch.conf.orig
nsswitch-sss.conf
ntp.conf
ntp.conf-eth0.sv
ntpd.conf
pear.conf
pe-format2.conf
pmount.conf
prelink.conf.d
pump.conf
pwdb.conf
rc.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
wpa_supplicant.conf
```

/etc,

h

```
agbuterin@dk2n25 ~ $ grep .conf file.txt > conf.txt
agbuterin@dk2n25 ~ $ ls -l | grep c*
-rw-r--r-- 1 agbuterin studsci 1352 map 29 16:08 conf.txt
agbuterin@dk2n25 ~ $ find ~/c* -name "c*" -print
/afs/.dk.sci.pfu.edu.ru/home/a/g/agbuterin/conf.txt
agbuterin@dk2n25 ~ $
```

##

```
agbuterin@dk2n25 ~ $ grep .conf file.txt > conf.txt
agbuterin@dk2n25 ~ $ ls -l | grep c*
-rw-r--r-- 1 agbuterin studsci 1352 map 29 16:08 conf.txt
agbuterin@dk2n25 ~ $ find ~/c* -name "c*" -print
/afs/.dk.sci.pfu.edu.ru/home/a/g/agbuterin/conf.txt
agbuterin@dk2n25 ~ $
```

. 5:

logfile.1 , ~/logfile , log,

```
find ~ -name "log*" -print > ~/logfile &  
[2] 17189  
[1] Выход 1          find ~ -name "log*" -prin > ~/logfile  
agbuterin@dk2n25 ~ $ rm -r logfile  
[2]+ Завершён       find ~ -name "log*" -print > ~/logfile  
agbuterin@dk2n25 ~ $
```

. 6:

gedit.

```
agbuterin@dk2n25 ~ $ gedit &  
[1] 17303  
agbuterin@dk2n25 ~ $
```

. 7: gedit

ps

```
agbuterin@dk2n25 ~ $ ps aux | grep -l gedit
(стандартный ввод)
[1]+  Завершён          gedit
agbuterin@dk2n25 ~ $
```

. 8:

ps

```
agbuter@dk2n25 ~ $ ps aux | grep -i gedit
agbuter+ 17545  0.0  0.0  6932 2332 pts/2    S+   16:14   0:00 grep --colour=auto -i gedit
agbuter@dk2n25 ~ $
```

. 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. Alternate 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) 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.

```

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

. 10:

```
agbuterin@dk2n25 ~ $ kill 37641
bash: kill: (37641) - Нет такого процесса
agbuterin@dk2n25 ~ $
```

. 11:


```

df(1)                                User Commands                                df(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
    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

    -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

    -h, --human-readable
        print sizes in powers of 1024 (e.g., 1023M)

    -H, --si
        print sizes in powers of 1000 (e.g., 1.1G)

    -i, --inodes
        list inode information instead of block usage

    -k
        like --block-size=1K

```

df du

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

```

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, in-
        direct 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
        equivalent to '--apparent-size --block-size=1'

    -c, --total
        produce a grand total

    -D, --dereference-args
        dereference only symlinks that are listed on the command line

    -d, --max-depth=N
        print the total for a directory (or file, with --all) only if it is N or fewer levels
        below the command line argument; --max-depth=0 is the same as --summarize

    --files0-from=F
        summarize device usage of the NUL-terminated file names specified in file F; if F is -,
        then read names from standard input

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

```

. 12: man df

```
agbuterin@dk2n25 ~ $ man df
agbuterin@dk2n25 ~ $ man du
agbuterin@dk2n25 ~ $
```

. 13: man du

```

agbuterin@dk2n25 ~ $ df
Файловая система 1K-блоков  Использовано    Доступно  Использовано%  Смонтировано в
/dev/sda8          525626596    125880888    372971916         26% /
devtmpfs           4096         0             4096            0% /dev
tmpfs              3999624         0    3999624            0% /dev/shm
tmpfs              1599852     20244    1579608            2% /run
tmpfs              3999628     243956    3755672            7% /tmp
AFS                2147483647         0  2147483647            0% /afs
tmpfs              799924       208       799716            1% /run/user/5429
agbuterin@dk2n25 ~ $

```

. 14:

df

find

```

49 ./blog/resources/_gen/images/project/external-project
880 ./blog/resources/_gen/images/project
49 ./blog/resources/_gen/images/publication/journal-article
126 ./blog/resources/_gen/images/publication/conference-paper
63 ./blog/resources/_gen/images/publication/preprint
240 ./blog/resources/_gen/images/publication
90 ./blog/resources/_gen/images/event/example
92 ./blog/resources/_gen/images/event
2524 ./blog/resources/_gen/images
3180 ./blog/resources/_gen
3182 ./blog/resources
34 ./blog/AGButerin.github.io/.git/hooks
3 ./blog/AGButerin.github.io/.git/info
3 ./blog/AGButerin.github.io/.git/refs/heads
2 ./blog/AGButerin.github.io/.git/refs/tags
3 ./blog/AGButerin.github.io/.git/refs/remotes/origin
5 ./blog/AGButerin.github.io/.git/refs/remotes
12 ./blog/AGButerin.github.io/.git/refs
6 ./blog/AGButerin.github.io/.git/objects/pack
2 ./blog/AGButerin.github.io/.git/objects/info
10 ./blog/AGButerin.github.io/.git/objects
3 ./blog/AGButerin.github.io/.git/logs/refs/remotes/origin
5 ./blog/AGButerin.github.io/.git/logs/refs/remotes
3 ./blog/AGButerin.github.io/.git/logs/refs/heads
10 ./blog/AGButerin.github.io/.git/logs/refs
13 ./blog/AGButerin.github.io/.git/logs
79 ./blog/AGButerin.github.io/.git
82 ./blog/AGButerin.github.io
35496 ./blog
59 ./pki/nssdb
61 ./pki
2 ./letters
2 ./nenos
2 ./nisk
192 ./Снимки экрана
2 ./feathers
2 ./ski.places/plans
7 ./ski.places/equipment
11 ./ski.places
2 ./play/games
9 ./play
7 ./equiplist2
2 ./australia

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. 15:

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