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RU ## title:

Linux.

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##

[vsdedova@fedora ~]\$ cd [vsdedova@fedora ~]\$ mkdir mounthly [vsdedova@fedora ~]\$ mkdir monthly

mkdir: невозможно создать каталог «monthly»: Файл существует

[vsdedova@fedora ~]\$ chmod g-r, o-r mounthly

 \Box vsdedova@fedora:~ [vsdedova@fedora ~]\$ ls abc1 ssh may ssh.pub [vsdedova@fedora ~1\$ cd [vsdedova@fedora ~]\$ touch may [vsdedova@fedora ~]\$ ls -l may -rw-r--r-. 1 vsdedova vsdedova 0 мap 6 15:18 may [vsdedova@fedora ~]\$ chmod u+x may [vsdedova@fedora ~]\$ ls -l may -rwxr--r-. 1 vsdedova vsdedova 0 map 6 15:18 may [vsdedova@fedora ~]\$ chmod u-x may [vsdedova@fedora ~1\$ ls -1 may -rw-r--r-. 1 vsdedova vsdedova 0 map 6 15:18 may

$\begin{array}{ccc} & & & & & & \\ & & \sim / s ki.plases. \\ & \sim / s ki.plases / equipment & \sim / s ki.plases / equiplist. \end{array}$

```
[vsdedova@fedora ~]$ cd ski.plases

[vsdedova@fedora ski.plases]$ mkdir equipment

[vsdedova@fedora ski.plases]$ ls

equiplist equiplist2 equipment

[vsdedova@fedora ski.plases]$ cd

[vsdedova@fedora ~]$ mv ~/ski.plases/equiplist ~/ski.plases/equiplist2 ~/ski.plases/equipment

[vsdedova@fedora ~]$ mkdir newdir

[vsdedova@fedora ~]$ mv newdir ~/ski.plases

[vsdedova@fedora ~]$ mv ~/ski.plases/newdir ~/ski.plases/plans
```

Figure 1: 2

```
## equipment ~/ski.plases.

[vsdedova@fedora ~]$ cp /usr/include/sys/io.h /home/vsdedova
[vsdedova@fedora ~]$ mkdir ski.plases
[vsdedova@fedora ~]$ mv io.h equipment
[vsdedova@fedora ~]$ mv equipment ~/ski.plases
[vsdedova@fedora ~]$ mv ~/ski.plases/equipment ~/ski.plases/equiplist
[vsdedova@fedora ~]$ mkdir abc1
mkdir: невозможно создать каталог «abcl»: Файл существует
[vsdedova@fedora ~]$ cp abcl ~/ski.plases
[vsdedova@fedora ~]$ mv ~/ski.plases/equiplist2
[vsdedova@fedora ~]$ mv ~/ski.plases/abcl ~/ski.plases/equiplist2
[vsdedova@fedora ~]$
```

chmod

##

```
[vsdedova@fedora ~]$ mkdir play
[vsdedova@fedora ~]$ ls -l
итого 8
-rw-rw-r--. 1 vsdedova vsdedova
                                 0 мар 6 15:21
                                                 abc1
drwxr--r--. 1 vsdedova vsdedova
                                        6 15:36 australia
                                 0 мар
drwxr-xr-x. 1 vsdedova vsdedova
                                 8 des 23 17:38 bin
-rw-r--r--. 1 vsdedova vsdedova
                                 0 мар 6 15:18 may
drwxr-xr-x. 1 vsdedova vsdedova
                                24 map 6 15:10 monthly
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 мар 6 15:19 mounthly
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 Map 6 15:37
drwxr-xr-x. 1 vsdedova vsdedova 14 map 6 15:17
drwxr-xr-x. 1 vsdedova vsdedova 28 map 6 15:33
-rw-----. 1 vsdedova vsdedova 464 фев 15 15:14
                                                 ssh
-rw-r--r--. 1 vsdedova vsdedova 97 фев 15 15:14 ssh.pub
drwxr-xr-x. 1 vsdedova vsdedova 376 bes 17 16:21 study 2022-2023 os-intro
drwxr-xr-x. 1 vsdedova vsdedova 0 bes 16 13:31 Twix19
drwxr-xr-x. 1 vsdedova vsdedova 26 фeB 23 18:07 Twix19.github.io
drwxr-xr-x. 1 vsdedova vsdedova 416 фев 24 10:29
drwxr-xr-x. 1 vsdedova vsdedova 10 фев 16 12:19
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x. 1 vsdedova vsdedova 106 фев 24 10:35 Документы
drwxr-xr-x. 1 vsdedova vsdedova 240 мap 3 05:06 Загрузки
drwxr-xr-x. 1 vsdedova vsdedova
                                50 мар 6 15:13 Изображения
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54 Музыка
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54 Общедоступные
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54 Рабочий стол'
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 14 11:54 Шаблоны
[vsdedova@fedora ~]$
```

Figure 2: 3

```
[vsdedova@fedora ~]$ chmod go-r,g-w play
[vsdedova@fedora ~]$ mkdir my os
[vsdedova@fedora ~1$ ls -1
итого 8
-rw-rw-r--. 1 vsdedova vsdedova
                                  0 мар
                                         6 15:21
                                                  abc1
drwxr--r--, 1 vsdedova vsdedova
                                  0 мар
                                        6 15:36
drwxr-xr-x, 1 vsdedova vsdedova
                                  8 фев 23 17:38
-rw-r--r--. 1 vsdedova vsdedova
                                  0 Map 6 15:18
                                                  may
drwxr-xr-x. 1 vsdedova vsdedova
                                 24 мар
                                         6 15:10
drwxr-xr-x. 1 vsdedova vsdedova
                                  0 мар
                                         6 15:19
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 мар
                                         6 15:38
drwx--x--x. 1 vsdedova vsdedova
                                         6 15:37
                                  0 мар
drwxr-xr-x, 1 vsdedova vsdedova
                                 14 Map 6 15:17
drwxr-xr-x, 1 vsdedova vsdedova
                                 28 Map 6 15:33
     ----. 1 vsdedova vsdedova 464 фев 15 15:14
                                                  ssh
-rw-r--r--. 1 vsdedova vsdedova
                                 97 des 15 15:14
                                                  ssh.pub
drwxr-xr-x. 1 vsdedova vsdedova 376 фев 17 16:21
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 фев 16 13:31
drwxr-xr-x. 1 vsdedova vsdedova 26 фев 23 18:07
drwxr-xr-x. 1 vsdedova vsdedova 416 dem 24 10:29
drwxr-xr-x. 1 vsdedova vsdedova 10 фев 16 12:19
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 фев 14 11:54
drwxr-xr-x. 1 vsdedova vsdedova 106 dem 24 10:35
drwxr-xr-x. 1 vsdedova vsdedova 240 мар
                                        3 05:06
drwxr-xr-x. 1 vsdedova vsdedova
                                 50 Map 6 15:13
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 des 14 11:54
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 фев 14 11:54
drwxr-xr-x, 1 vsdedova vsdedova
                                  0 фев 14 11:54
[vsdedova@fedora ~]$ chmod u-w,u+x,g-x my_os
```

Figure 3: 3

```
vsdedova@fedora ~]$ chmod u-w,u+x,g-x my_os
[vsdedova@fedora ~]$ ls -l
итого 8
-rw-rw-r--. 1 vsdedova vsdedova
                                 0 Map 6 15:21
                                                 abc1
drwxr--r--, 1 vsdedova vsdedova
                                 0 map 6 15:36 australia
drwxr-xr-x, 1 vsdedova vsdedova
                                 8 фев 23 17:38
-rw-r--r--. 1 vsdedova vsdedova
                                 0 мар 6 15:18
                                                 may
drwxr-xr-x. 1 vsdedova vsdedova
                                24 мар
                                        6 15:10
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 мар 6 15:19
dr-xr--r-x. 1 vsdedova vsdedova
                                 0 Map 6 15:38
drwx--x--x. 1 vsdedova vsdedova
                                 0 мар 6 15:37
drwxr-xr-x. 1 vsdedova vsdedova
                                14 Map 6 15:17
drwxr-xr-x. 1 vsdedova vsdedova
                                28 Map 6 15:33
-rw-----. 1 vsdedova vsdedova 464 фев 15 15:14
                                                 ssh
-rw-r--r--. 1 vsdedova vsdedova
                                97 фев 15 15:14
                                                 ssh.pub
drwxr-xr-x. 1 vsdedova vsdedova 376 dem 17 16:21 study 2022-2023 os-intro
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 16 13:31
drwxr-xr-x. 1 vsdedova vsdedova 26 фев 23 18:07
drwxr-xr-x, 1 vsdedova vsdedova 416 dem 24 10:29
drwxr-xr-x. 1 vsdedova vsdedova 10 фев 16 12:19
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 14 11:54 Видео
drwxr-xr-x. 1 vsdedova vsdedova 106 фeв 24 10:35 Документы
drwxr-xr-x. 1 vsdedova vsdedova 240 мap 3 05:06 Загрузки
drwxr-xr-x, 1 vsdedova vsdedova
                                50 мар 6 15:13 Изображения
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 фев 14 11:54
[vsdedova@fedora ~]$
```

Figure 4: 3

```
[vsdedova@fedora ~1$ touch feathers
[vsdedova@fedora ~]$ ls -l
итого 8
-rw-rw-r--. 1 vsdedova vsdedova
                                0 Map 6 15:21
                                                abc1
drwxr--r--. 1 vsdedova vsdedova
                                 0 мар
                                       6 15:36
drwxr-xr-x, 1 vsdedova vsdedova
                                 8 фев 23 17:38
                                 0 map 6 15:40 feathers
-rw-r--r--. 1 vsdedova vsdedova
-rw-r--r--. 1 vsdedova vsdedova
                                 0 Map 6 15:18
                                                may
drwxr-xr-x. 1 vsdedova vsdedova
                               24 Map 6 15:10
drwxr-xr-x, 1 vsdedova vsdedova
                                 0 мар 6 15:19 mounthly
dr-xr--r-x. 1 vsdedova vsdedova
                                0 мар 6 15:38 my_os
drwx--x--x. 1 vsdedova vsdedova
                                0 мар 6 15:37
drwxr-xr-x, 1 vsdedova vsdedova
                               14 Map 6 15:17
drwxr-xr-x, 1 vsdedova vsdedova
                               28 Map 6 15:33
-rw-----. 1 vsdedova vsdedova 464 фев 15 15:14
                                                ssh
-rw-r--r--. 1 vsdedova vsdedova 97 фев 15 15:14
                                                ssh.pub
drwxr-xr-x. 1 vsdedova vsdedova 376 фев 17 16:21
drwxr-xr-x, 1 vsdedova vsdedova
                                0 фев 16 13:31
drwxr-xr-x. 1 vsdedova vsdedova 26 фeb 23 18:07 Twix19.github.io
drwxr-xr-x. 1 vsdedova vsdedova 416 фев 24 10:29
drwxr-xr-x. 1 vsdedova vsdedova 10 фев 16 12:19
drwxr-xr-x. 1 vsdedova vsdedova
                                 0 фев 14 11:54
drwxr-xr-x. 1 vsdedova vsdedova 106 фев 24 10:35 Документы
drwxr-xr-x. 1 vsdedova vsdedova 240 map 3 05:06
drwxr-xr-x, 1 vsdedova vsdedova
                               50 Map 6 15:13
drwxr-xr-x, 1 vsdedova vsdedova
                                0 фев 14 11:54 Музыка
                                0 фев 14 11:54 Общедоступные
drwxr-xr-x. 1 vsdedova vsdedova
```

0 фев 14 11:54 Рабочий стол!

0 фев 14 11:54 Шаблоны

drwxr-xr-x. 1 vsdedova vsdedova

drwxr-xr-x, 1 vsdedova vsdedova

[vsdedova@fedora ~1\$

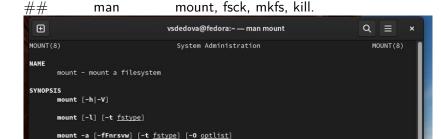
~/file.old.

```
[vsdedova@fedora ~]$ cp ~/feathers ~/file.old
[vsdedova@fedora ~]$ mv ~/file.old ~/play
[vsdedova@fedora ~]$ cp -r ~/play ~/fun
[vsdedova@fedora ~]$ cp -r ~/play
[vsdedova@fedora ~]$ mv ~/fun ~/play
[vsdedova@fedora ~]$ cd ~/play
[vsdedova@fedora play]$ mv fun games
[vsdedova@fedora play]$ chmod u-r feathers
chmod: невозможно получить доступ к 'feathers': Нет такого файла или каталога
[vsdedova@fedora play]$ cd ~
[vsdedova@fedora ~]$ chmod u-r feathers
[vsdedova@fedora ~]$ chmod u-x play
[vsdedova@fedora ~]$ chmod u-x play
[vsdedova@fedora ~]$ cd ~/play
bash: cd: /home/vsdedova/play: Отказано в доступе
[vsdedova@fedora ~]$ chmod u+x pla
```

Figure 6: 4

```
| Twister | Twi
```

Figure 7: 4



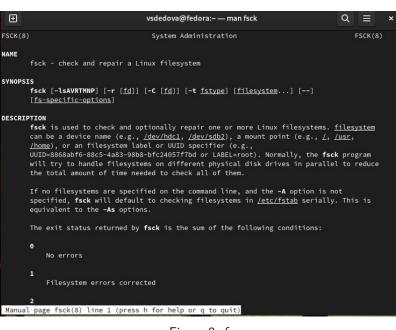


Figure 8: f

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MKFS(8)

System Administration

MKFS(8)

NAME

mkfs - build a Linux filesystem

SYNOPSIS

mkfs [options] [-t type] [fs-options] device [size]

DESCRIPTION

This mkfs frontend is deprecated in favour of filesystem specific mkfs.<type> utils.

mkfs is used to build a Linux filesystem on a device, usually a hard disk partition. The <u>device</u> argument is either the device name (e.g., <u>/dev/hdal, /dev/sdb2</u>), or a regular file that shall contain the filesystem. The <u>size</u> argument is the number of blocks to be used for the filesystem.

The exit status returned by mkfs is 0 on success and 1 on failure.

In actuality, **mkfs** is simply a front-end for the various filesystem builders (**mkfs**.<u>fstype</u>) available under Linux. The filesystem-specific builder is searched for via your **PATH** environment setting only. Please see the filesystem-specific builder manual pages for further details.

OPTIONS

-t, --type type

Specify the <u>type</u> of filesystem to be built. If not specified, the default filesystem type (currently ext2) is used.

fs-options

Filesystem-specific options to be passed to the real filesystem builder. Manual page mkfs(8) line 1 (press h for help or q to quit)

Figure 9: m

```
(+)
                                    vsdedova@fedora:~ - man kill
                                                                                   a =
                                        User Commands
NAME
       kill - terminate a process
SYNOPSIS
       kill [-signal|-s signal|-p] [-q value] [-a] [--timeout milliseconds signal] [--]
       pid|name...
       kill -l [number] | -L
DESCRIPTION
       The command kill sends the specified signal to the specified processes or process
       groups.
       If no signal is specified, the TERM signal is sent. The default action for this signal
       is to terminate the process. This signal should be used in preference to the KILL
       signal (number 9), since a process may install a handler for the TERM signal in order
       to perform clean-up steps before terminating in an orderly fashion. If a process does
       not terminate after a TERM signal has been sent, then the KILL signal may be used; be
```

aware that the latter signal cannot be caught, and so does not give the target process the opportunity to perform any clean-up before terminating.

Most modern shells have a builtin **kill** command, with a usage rather similar to that of the command described here. The --all, --pid, and --queue options, and the possibility

If signal is 0, then no actual signal is sent, but error checking is still performed.

ARGUMENTS

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

to specify processes by command name, are local extensions.

Figure 10: k

	Linux,	,

,