№5 Linux.

-01-23

- - -

touch - fsck - mkfs - kill
 mount - cat - less - ls
 chmod - rm - cp - mv

```
agbuterin@dk2n25 ~ $ mkdir feathers
agbuterin@dk2n25 ~ $ cd feathers
agbuterin@dk2n25 ~/feathers $ touch file.old
agbuterin@dk2n25 ~/feathers $ cd
agbuterin@dk2n25 ~ $ cp -r ~/feathers ~/file.old
agbuterin@dk2n25 ~ $ mv ~/file.old ~/play
agbuterin@dk2n25 ~ $ cp -r ~/play ~/fun
agbuterin@dk2n25 ~ $ mv ~/fun ~/play
agbuterin@dk2n25 ~ $ cd play
agbuterin@dk2n25 ~/play $ mv fun games
agbuterin@dk2n25 ~/play $ ls
file.old games
agbuterin@dk2n25 ~/play $
```

. 1:

```
2.1. /usr/include/sys/io.h equipment. 2.2.

~/ski.plases. 2.3. equipment ~/ski.plases. 2.4.

~/ski.plases/equipment ~/ski.plases/equiplist.

**

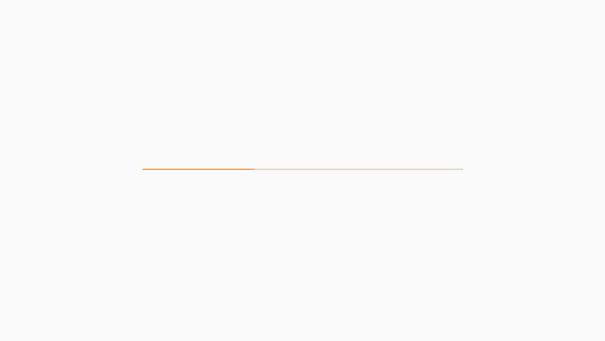
**gbuterin@dk2n25 - $ mkdir -/ski.plases
**agbuterin@dk2n25 - $ mv equipment ski.plases
**agbuterin@dk2n25 - $ mv -/ski.plases/equipment -/ski.plases/equiplist
**arbuterin@dk2n25 - $ mv -/ski.plases/equipment -/ski.plases/equiplist
**arbuterin@dk2n25 - $ ms -/ski.plases/equipment -/ski.plases/equiplist
**arbuterin@dk2n25 - $ ms -/ski.plases/equipment -/ski.plases/equiplist
**arbuterin@dk2n25 - $ ms -/ski.plases/equipment -/sk
```

. 2:

equiplist

gbuterin@dk2n25 ~ \$

```
~/ski.plases,
                                                                                                         equiplist2.
2.5.
                                        abc1
2.6.
                                                          ~/ski.plases. 2.7.
                                equipment
                                                         ~/ski.plases/equipment. 2.8.
~/ski.plases/equiplist
                                 equiplist2
        ~/newdir ~/ski.plases
                                                                plans.
                    gbuterin@dk2n25 ~ $ touch abc1
                   agbuterin@dk2n25 ~ $ cp -r ~/ski.plases equiplist2
                   agbuterin@dk2n25 ~ $ cd ~/ski.plases
                   agbuterin@dk2n25 ~/ski.plases $ ld
                   ld: отсутствуют входные файлы
                   agbuterin@dk2n25 ~/ski.plases $ ls
                   equiplist
                   agbuterin@dk2n25 ~/ski.plases $ cp ~/abc1 equiplist2
                   agbuterin@dk2n25 ~/ski.plases $ ls
                   equiplist equiplist2
                   agbuterin@dk2n25 ~/ski.plases $ mkdir equipment
                   gbuterin@dk2n25 ~/ski.plases $ mv equiplist equiplist2 equipment
                   agbuterin@dk2n25 ~/ski.plases $ ls equipment
                   equiplist equiplist2
                   agbuterin@dk2n25 ~/ski.plases $ mkdir ~/newdir
                   agbuterin@dk2n25 ~/ski.plases $ mv ~/newdir plans
                   agbuterin@dk2n25 ~/ski.plases $ ls
                   equipment plans
                   agbuterin@dk2n25 ~/ski.plases $
```



chmod, , – ,

drwxr-r- ... australia

```
agbuterin@dk2n25 ~ $ chmod g-x australia
agbuterin@dk2n25 ~ $ chmod o-x australia
agbuterin@dk2n25 ~ $ ls -l australia
atroro 0
agbuterin@dk2n25 ~ $ ls -l
atroro 43
-rw-r--r- 1 agbuterin studsci 0 map 15 17:19 abc1
drwxr--r- 2 agbuterin studsci 2048 map 15 17:23 australia
drwxr-xr-x 2 agbuterin studsci 2048 map 1 16:20 bin
drwxr-xr-x 13 agbuterin studsci 2048 map 1 17:36 blog
```

. 4:

drwx-x-x ... play

```
drwxr-xr-x 2 agbuterin studsci 2048 сен 14 2023 'Рабочий стол'
drwxr-xr-x 2 agbuterin studsci 2048 мар 14 18:43 'Снимки экрана'
drwxr-xr-x 2 agbuterin studsci 2048 сен 14 2023 Шаблоны
agbuterin@dk2n25 ~ $ chmod o-r play
agbuterin@dk2n25 ~ $ ls -1
итого 43
-rw-r--r- 1 agbuterin studsci 0 мар 15 17:19 abc1
drwxr-xr-x 2 agbuterin studsci 2048 мар 15 17:23 australia
drwxr-xr-x 2 agbuterin studsci 2048 мар 1 16:20 bin
drwxr-xr-x 13 agbuterin studsci 2048 мар 1 17:36 blog
```

```
-r-xr-r- ... my_os
```

```
agbuterin@dk2n25 ~ $ mkdir my_os
agbuterin@dk2n25 ~ $ chmod u-w my_os
agbuterin@dk2n25 ~ $ chmod u+w my_os
agbuterin@dk2n25 ~ $ ls -1

droro 45

-rw-r--r-- 1 agbuterin studsci 0 map 15 17:19 abc1

drwxr--r-- 2 agbuterin studsci 2048 map 15 17:23 australia

drwxr-xr-x 2 agbuterin studsci 2048 map 1 16:20 bin

drwxr-xr-x 13 agbuterin studsci 2048 map 1 17:36 blog

drwxr-xr-x 2 agbuterin studsci 2048 map 15 17:19 equiplist2
```

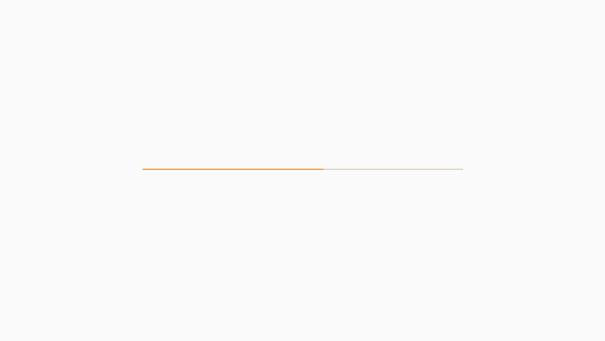
. 6:

3.4

-rw-rw-r- ... feathers

```
agbuterin@dk2n25 ~ $ cat ~/feathers
cat: /afs/.dk.sci.pfu.edu.ru/home/a/g/agbuterin/feathers: Это каталог
agbuterin@dk2n25 ~ $ |
```

. 7:



```
agbuterin@dk2n25 - $ cp feathers
cp: nocne 'feathers' пропущен операнд, задающий целевой файл
По команде «cp --help» можно получить дополнительную информацию.
agbuterin@dk2n25 - $
```

. 8:

```
4.6. ~/feathers .4.7. ,
~/feathers cat? 4.8. , ~/feathers?

**Ro κομαμία «cp --help» μοχικό πολυγιντώ μοπολιμιτελιώνε νιμφορμαιμίνω.
**agbuterin@dk2n25 - $ chaod u+r feathers
```

4.9. \sim /feathers

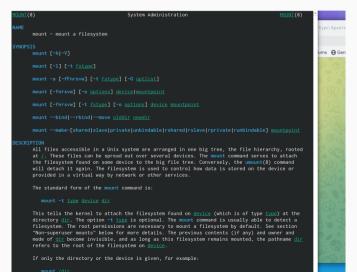
. 10:

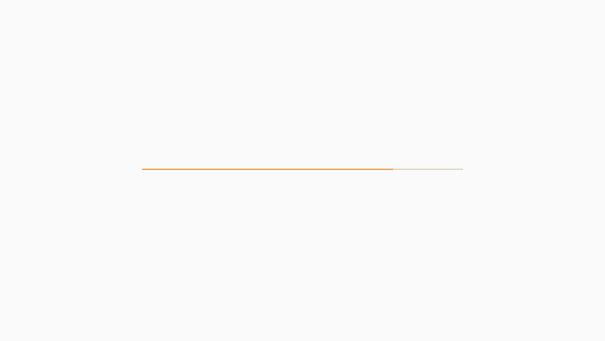
```
4.10.
                            ~/play
                                                                                ~/play.
                                                      . 4.11.
                 agbuterin@dk2n25 ~/play $ cd
                 agbuterin@dk2n25 ~ $ chmod u+x ~/play
                 agbuterin@dk2n25 ~ $ 1s -1
                 итого 45
                 -rw-r--r-- 1 agbuterin studsci 0 мар 15 17:19 abc1
                 drwxr--r-- 2 agbuterin studsci 2048 мар 15 17:23 australia
                 drwxr-xr-x 2 agbuterin studsci 2048 map 1 16:20
                 drwxr-xr-x 13 agbuterin studsci 2048 мар 1 17:36 blog
                 drwxr-xr-x 2 agbuterin studsci 2048 map 15 17:19 equiplist2
                 drwxr-xr-x 2 agbuterin studsci 2048 map 15 17:11 feathers
                 drwxr-xr-x 2 agbuterin studsci 2048 мар 7 14:21
                 drwxr-xr-x 2 agbuterin studsci 2048 map 15 17:25
                 drwxr-xr-x 2 agbuterin studsci 2048 map 7 14:21
                 drwxr-xr-x 2 agbuterin studsci 2048 map 7 14:21
                 drwxr-x--x 3 agbuterin studsci 2048 map 15 17:16 play
```

. 11:

4.12.

 \sim /play





man mount, fsck, mkfs, kill



man mount

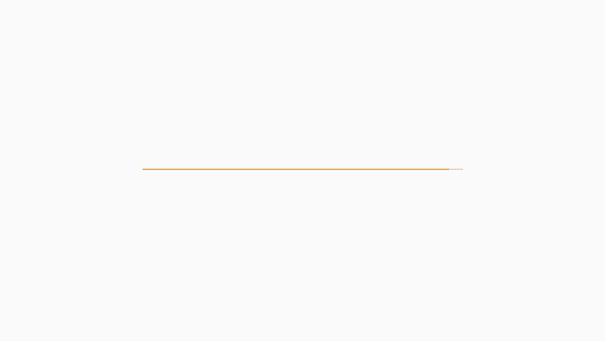
. 14: man mount

```
User Commands
kill - send a signal to a process
kill [options] <pid>[...]
The default signal for kill is TERM. Use -1 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.
       Send signal to every <pid> listed.
       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.
      Use signueue(3) rather than kill(2) and the value argument is used to specify an inte-
      ger 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.
      List signal names. This option has optional argument, which will convert signal number
      to signal name, or other way round
      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 /hin/kill to solve the conflict
      Kill all processes you can kill.
```

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

```
agbuterin@dk2n25 ~ $ man mount
agbuterin@dk2n25 ~ $ man fsck
agbuterin@dk2n25 ~ $ man mkfs
agbuterin@dk2n25 ~ $ man kill
agbuterin@dk2n25 ~ $
```

. 16: man mkfs



Linux, , . . (),

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