

Практика Linux (Герасименко Вадим)

- Переход по путям, создание/удаление папок и файлов:

```
[study@614767-cv61872:~$ mkdir test  
[study@614767-cv61872:~$ cd test
```

```
study@614767-cv61872:~/test$ touch test.txt  
study@614767-cv61872:~/test$ ls  
test.txt  
study@614767-cv61872:~/test$ rm test.txt  
study@614767-cv61872:~/test$ ls  
study@614767-cv61872:~/test$ cd ..  
study@614767-cv61872:~$ ls  
script.sh  test
```

- IP и MAC-адрес:

```
[study@614767-cv61872:~$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 87.249.54.122 netmask 255.255.255.0 broadcast 87.249.54.255  
    inet6 fe80::5054:ff:fe1a:c2bf prefixlen 64 scopeid 0x20<link>  
    ether 52:54:00:1a:c2:bf txqueuelen 1000 (Ethernet)  
    RX packets 13419476918 bytes 934993428941 (934.9 GB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 148509396 bytes 22981591757 (22.9 GB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 5515056 bytes 906969212 (906.9 MB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 5515056 bytes 906969212 (906.9 MB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

IP: 87.249.54.122

MAC: 52:54:00:1a:c2:bf

- Сохранение вывода ifconfig в файл:

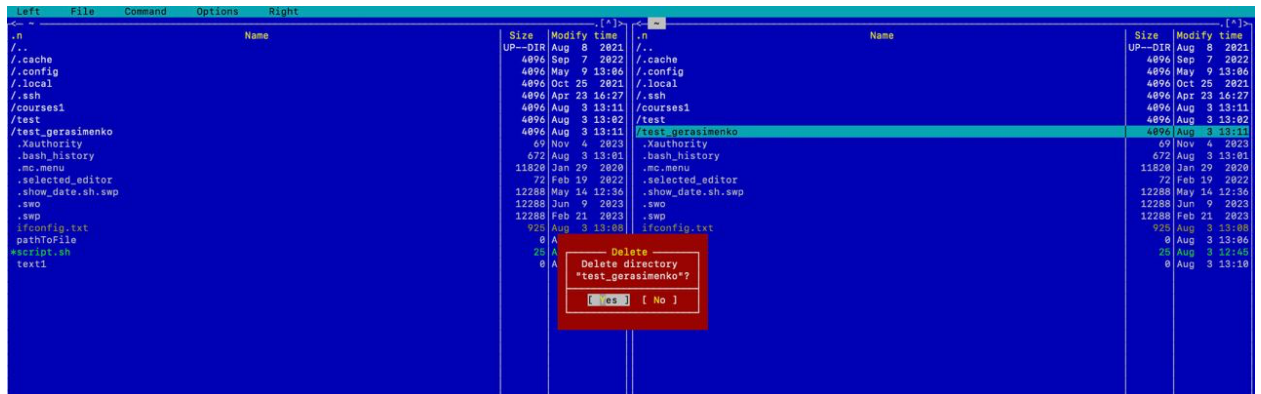
ifconfig > ifconfig.txt

- Команды mc и top:

top:

```
study@614767-cv61872:~$ top  
  
top - 13:09:39 up 1090 days, 16:49, 7 users, load average: 0.00, 0.00, 0.00  
Tasks: 129 total, 1 running, 128 sleeping, 0 stopped, 0 zombie  
%Cpu(s):  0.3 us,  0.0 sy,  0.0 ni, 99.7 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st  
MiB Mem :  981.2 total,  91.5 free,  469.8 used,  419.9 buff/cache  
MiB Swap :  742.0 total,  622.6 free,  119.4 used,  356.6 avail Mem  
  
  PID   PPID  UID USER   RUSER  TTY      TIME+  %CPU  %MEM  S COMMAND  
  522     1   997 zabbix  zabbix  ?        0:00.00  0.0   0.0  S zabbix_agentd  
  525     1   997 zabbix  zabbix  ?        285:09.29  0.0   0.0  S zabbix_agentd  
  526     1   997 zabbix  zabbix  ?        2:43.49  0.0   0.0  S zabbix_agentd  
  527     1   997 zabbix  zabbix  ?        2:42.44  0.0   0.0  S zabbix_agentd  
  528     1   997 zabbix  zabbix  ?        2:43.30  0.0   0.0  S zabbix_agentd  
1375130  1   107 uuidd   uuidd   ?        0:00.08  0.0   0.0  S uuidd  
3620593  1   102 systemd+ systemd+ ?        2:05.00  0.0   0.4  S systemd-timesyn  
3620494  1   101 systemd+ systemd+ ?        8:50.10  0.0   0.4  S systemd-resolve  
3620479  1   100 systemd+ systemd+ ?        4:13.25  0.0   0.3  S systemd-network  
3163301  1   104 syslog  syslog  ?        62:09.81  0.0   0.3  S rsyslogd  
3103076  1  1000 study   study   ?        0:00.04  0.0   0.9  S systemd  
3103077 3103076 1000 study   study   ?        0:00.00  0.0   0.4  S (sd-pam)  
3103330 3103032 1000 study   study   ?        0:00.14  0.0   0.6  S sshd  
3103331 3103330 1000 study   study   pts/2    0:00.06  0.0   0.5  S bash  
3103422 3103336 1000 study   study   ?        0:00.00  0.0   0.6  S sshd  
3103423 3103422 1000 study   study   pts/3    0:00.00  0.0   0.5  S bash  
3103512 3103338 1000 study   study   ?        0:00.00  0.0   0.6  S sshd  
3103513 3103512 1000 study   study   pts/4    0:00.00  0.0   0.5  S bash  
3103604 3103426 1000 study   study   ?        0:00.00  0.0   0.6  S sshd  
3103605 3103604 1000 study   study   pts/5    0:00.00  0.0   0.5  S bash  
3103798 3103714 1000 study   study   ?        0:00.12  0.0   0.6  S sshd  
3103799 3103798 1000 study   study   pts/0    0:00.04  0.0   0.5  S bash  
3104087 3103799 1000 study   study   pts/0    0:00.03  0.0   0.8  S mcedit  
3104089 3104087 1000 study   study   pts/7    0:00.00  0.0   0.4  S bash  
3104310 3104205 1000 study   study   ?        0:00.04  0.0   0.6  S sshd  
3104311 3104310 1000 study   study   pts/1    0:00.02  0.0   0.5  S bash  
3104514 3104414 1000 study   study   ?        0:00.00  0.0   0.6  S sshd  
3104515 3104514 1000 study   study   pts/6    0:00.01  0.0   0.5  S bash  
3104536 3104311 1000 study   study   pts/1    0:00.01  0.0   0.8  S mc  
3104538 3104536 1000 study   study   pts/8    0:00.00  0.0   0.4  S bash  
3104541 3103331 1000 study   study   pts/2    0:00.02  0.0   0.4  R top
```

mc:



- Создание sh скрипта:

cat > script.sh

#!/bin/bash

echo "Hello, world!"

- Запуск sh скрипта: **./script.sh**