Bash/Shell

- Info/Users/Files/Lines
- Net/Repo/Alias/Arc

Info/Users/Files/Lines

INFO

???????? ???? ???????

```
cat /dev/null > ~/.bash_history && history -c && exit
```

???????? ??????????? ????? ????? VIM

```
ggdG
```

?????? ????????? ??? ??????? ???????

```
nohup <program> &
```

Перевод программы в активный процесс

```
fg %1
```

Поиск и Удаление Процесса

```
ps -ef | grep <program>
kill <PID>
```

?????? ????? ? ???????????? Linux

```
sudo systemctl list-unit-files | grep enabled
```

?????? Linux ? ?????? ????

```
lsb_release -a
uname -a
cat /etc/os-release
cat /etc/redhat-release
```

?????? ??????????? ??????????

```
printenv XDG_CURRENT_DESKTOP
```

USERS

????????????? ?? ???????????

```
su - username
```

?????? ??????? ??? root

```
sudo sh -c '<command>'
```

?????? ??????? ?? ??????? ???????????

```
su -l <user> -c '<command>'
```

?????????? PID ??????? ???????????

```
# Определяем TTY нужного user-a (pts/0)
w
# Определяем PID нужного user-a
ps -ft pts/0
# Убиваем процесс
sudo kill -9 PID
```

FILES

????? ????????? 10 ????? ?????

```
tail -n 10 /var/log/syslog
```

??????? ????????? ????? ?????? ? ????????

```
tail -f /var/log/syslog
```

?????? ???? ????? ?????? ??????? (??????? ??????? ?????)

```
sudo du -sh ./* | sort -h
find -maxdepth 1 -exec du -sh "{}" \; | sort -h
```

???????? ???????????? ?????

```
lsblk
```

??????? ?????? ????

```
sudo touch file01
```

??????????? ?????????? ?????? ? 1 ???????

```
cp file01 file02 fileN /Folder01
```

??????????? ??????????? ??????? ????? ? ??.?????

[без учета скрытых файлов]

```
cp -a * /folder/
```

????? ??????

```
find /home -name "file01.txt"
```

???????? ?????? ?? ?????

```
find /home/ -type f -name "*.log" -delete
```

??????? ?????????? (????????) ????

```
:> file01
# либо
cp /dev/null file01
```

???????? ????????????? ??????

```
ln -s /path/folder /path/link
```

????????? ???? ???????? ?????

```
sudo touch -t 200905230000.00 file01
```

??????????? ????/???????? ?????-Folder1 ?????-Folder2

```
sudo chown -R --reference= /path/to/folder1 /path/to/folder2
```

LINES

???????? ?????? ? ????? ?????

```
echo "some_text" >> patch_to_file
```

```
sudo sh -c "echo 'some_text' >> patch_to_ file"
```

???????? ?????? text ????? 3-?? ??????? ?????

```
sed -i '3itext' file
```

??????? ??? ???????? text ? ?????

```
sed 's/text//g' file
```

????? ? ???????? ?????? text1 ?? text2 ? ?????

```
sed -i 's/text1/text2/g' file
```

??????? ?????? text1 ? ?????

```
sed -i '/text1/d' file
```

????????/ ??????? ??????????? (#) ?????? text ? ?????

```
 # Добавить комментарий
sed -i '/text/s/^/#/g' file

# Удалить комментарий
sed -i '/text/s/^#//g' file
```

? ????? file ??????? ?????? ??? ??????? ( ) ? ??????????? (#) ? ??????

```
sudo grep -v '^[[:space:]]*#' file
```

???????? ?????? text ? ??????/????? ?????

```
# Вставить text в начало
sed -i '1s/^/text\n/' file

# Вставить text в конец
sed -i '$a\text' file
```

??????? ?????? text ? ?????

```
sed -i '/text/d' file
```

???????? ??????? ?? ????? ?????? (\n) ? ?????

```
sed -i 's/text1/\n text2/g' file
```

??????? ?????? ??????? ????????/ ?? ???????? ????? text

```
#  Содержат text
sed -n '/text/p' file

#  Не содержат text
sed -e '/^text/d' file
```

???????? ? ????? ????? <code>

```
tee -a file << EOF
code
EOF
```

???????? ?????????? ????? ?? <code>

```
tee file << EOF
code
EOF
```

??????? ?????????? ?????? ? ????? ? ?????????????

```
find . -type f \
  -exec grep -Il . {} \; \
  -exec sh -c '
    printf "\n%60s\nФАЙЛ: %s\n%60s\n" "" "$1" "" | tr " " "="
    cat "$1"
  ' _ {} \;
```

Net/Repo/Alias/Arc

NETWORK

?????? ???? MAC ?????

```
ifconfig -a | grep ether | gawk '{print $2}'
```

?????? ???? ??????? IP ?????

```
curl ifconfig.me
```

?????? ???? ????????? IP ??????

```
hostname -I
```

?????? ???? ????????? IP ??????

```
nmap -sn 192.168.1.0/24 | grep "Nmap scan report for" | awk '{print $NF}' | tr -d '()'
```

???????? DNS cache

```
sudo systemd-resolve --flush-caches
```

????????? SSH ???????

с 8000 порта уд.сервера на локальный порт 8000

```
ssh -i ~/.ssh/<key> <ip> -lroot -L 8000:127.0.0.1:8000
```

REPOs

????? ??????? ?? ?????

```
sudo systemctl list-units --type=service --all | grep <name>
```

???? ? ??????? ?? ?????

```
dpkg -l | grep <name>
```

???????? ?????? Ubuntu

```
sudo apt remove --purge package_name
sudo apt autoremove
```

???????? ?????? CentOS 7

```
sudo yum install yum-plugin-remove-with-leaves
sudo yum remove package_name  --remove-leaves
```

???????? ?????? CentOS 8

```
sudo sh -c "echo 'clean_requirements_on_remove=1' >> /etc/yum.conf"
sudo yum remove "package_name*"
sudo yum autoremove
```

???????? ???????????

```
# Debian
sudo apt-add-repository --r ppa:nilarimogard/webupd8

# Redhat
sudo rm /etc/yum.repos.d/"repo_name*"
```

???????? gpg ?????

```
sudo apt-key list
sudo apt-key del '1641 6B76 CB22 062C 8A2A  5F99 F4A7 CFE6 A3FA 5D6A'
```

ALIAS

??????? ????????? ?????

```
# Создать Alias [временный]
alias name='command'

# Удалить Алиас
unalias name
```

??????? ?????????? ?????

```
# Создать Alias [постоянный]
echo alias name='command' >> ~/.bashrc
exit

# Применить bashrc без перезагрузки
. ~/.bashrc
```

ARCHIVES

????????? Tar

```
# Упаковать тек.дир.
tar -cvzf files.tar.gz .

# Распаковать архив в тек.дир.
tar -xvf files.tar.gz
```

????????? 7-Zip

```
# Упаковать тек.дир.
7z a arch.7z

# Упаковать тек.дир. + запись в Log Loglevel1
7z a arch.7z -bb >Log.txt 2>&1

# Распаковать архив в тек.дир.
7z x arch.7z
```