

Лабораторная работа №8

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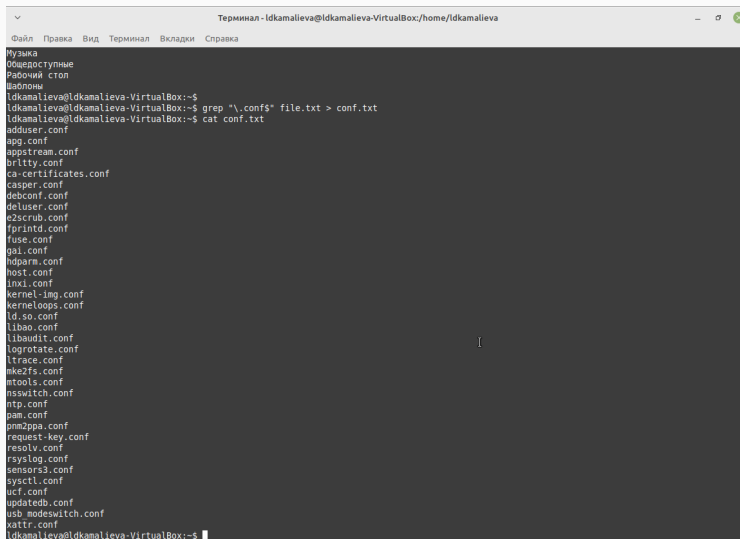
23 марта, 2024

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Ознакомление с инструментами поиска файлов и фильтрации текстовых данных.
Приобретение практических навыков: по управлению процессами (и заданиями), по проверке использования диска и обслуживанию файловых систем.

Выполнение лабораторной работы

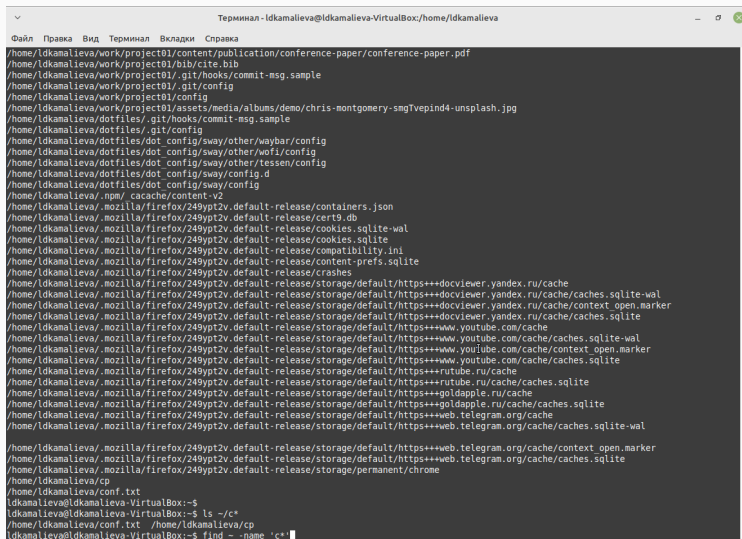
Записываю в файл file.txt названия файлов, из каталога /etc.



```
Терминал - ldkamalieva@ldkamalieva-VirtualBox:/home/ldkamalieva
Файл  Правка  Вид  Терминал  Вкладки  Справка
Музыка
Общедоступные
Рабочий стол
Шаблоны
ldkamalieva@ldkamalieva-VirtualBox:~$
ldkamalieva@ldkamalieva-VirtualBox:~$ grep "\.conf$" file.txt > conf.txt
ldkamalieva@ldkamalieva-VirtualBox:~$ cat conf.txt
adduser.conf
apg.conf
appstream.conf
brltty.conf
ca-certificates.conf
casper.conf
debconf.conf
deluser.conf
e2scrub.conf
fprintd.conf
fuse.conf
gai.conf
hdparm.conf
host.conf
inxi.conf
kernel-img.conf
kerneloops.conf
ld.so.conf
libao.conf
libaudit.conf
logrotate.conf
ltrace.conf
mke2fs.conf
mttools.conf
nsswitch.conf
ntp.conf
pam.conf
pnm2ppa.conf
request-key.conf
resolv.conf
rsyslog.conf
sensors3.conf
sysctl.conf
ucf.conf
updatedb.conf
usb-modeswitch.conf
xattr.conf
ldkamalieva@ldkamalieva-VirtualBox:~$
```

Рис. 1: рис.1.1

определяю, какие файлы в домашнем каталоге имеют имена, начинающиеся с символа с



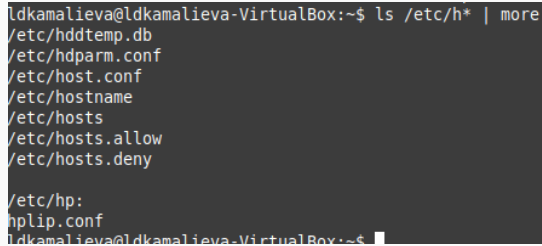
Терминал - ldkamalleva@ldkamalleva-VirtualBox:/home/ldkamalleva

Файл Правка Вид Терминал Вкладки Справка

```
/home/ldkamalleva/work/project01/content/publication/conference-paper/conference-paper.pdf
/home/ldkamalleva/work/project01/bib/cite.bib
/home/ldkamalleva/work/project01/.git/hooks/commit-msg.sample
/home/ldkamalleva/work/project01/.git/config
/home/ldkamalleva/work/project01/config
/home/ldkamalleva/work/project01/assets/media/albums/demo/chris-montgomery-smgTvepind4-unsplash.jpg
/home/ldkamalleva/.dotfiles/.git/hooks/commit-msg.sample
/home/ldkamalleva/.dotfiles/.git/config
/home/ldkamalleva/.dotfiles/dot_config/sway/other/waybar/config
/home/ldkamalleva/.dotfiles/dot_config/sway/other/wofi/config
/home/ldkamalleva/.dotfiles/dot_config/sway/other/tessean/config
/home/ldkamalleva/.dotfiles/dot_config/sway/config.d
/home/ldkamalleva/.dotfiles/dot_config/sway/config
/home/ldkamalleva/.npm/_cacache/content-v2
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/containers.json
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/cert9.db
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/cookies.sqlite-wal
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/cookies.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/compatibility.ini
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/content-prefs.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/crashes
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/caches.sqlite-wal
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/context_open.marker
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/caches.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/caches.sqlite-wal
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/context_open.marker
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/caches.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++rutube.ru/cache
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++rutube.ru/cache/caches.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++goldapple.ru/cache
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++goldapple.ru/cache/caches.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/caches.sqlite-wal
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/context_open.marker
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/caches.sqlite
/home/ldkamalleva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome
/home/ldkamalleva/.cp
/home/ldkamalleva/conf.txt
ldkamalleva@ldkamalleva-VirtualBox:~$
ldkamalleva@ldkamalleva-VirtualBox:~$ ls -c*
/home/ldkamalleva/conf.txt /home/ldkamalleva/.cp
ldkamalleva@ldkamalleva-VirtualBox:~$ find ~ -name 'c*'
~
~/.mozilla
~/.mozilla/firefox
~/.mozilla/firefox/249ypt2v.default-release
~/.mozilla/firefox/249ypt2v.default-release/containers.json
~/.mozilla/firefox/249ypt2v.default-release/cert9.db
~/.mozilla/firefox/249ypt2v.default-release/cookies.sqlite-wal
~/.mozilla/firefox/249ypt2v.default-release/cookies.sqlite
~/.mozilla/firefox/249ypt2v.default-release/compatibility.ini
~/.mozilla/firefox/249ypt2v.default-release/content-prefs.sqlite
~/.mozilla/firefox/249ypt2v.default-release/crashes
~/.mozilla/firefox/249ypt2v.default-release/storage
~/.mozilla/firefox/249ypt2v.default-release/storage/default
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/caches.sqlite-wal
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/context_open.marker
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++docviewer.yandex.ru/cache/caches.sqlite
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/caches.sqlite-wal
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/context_open.marker
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com/cache/caches.sqlite
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++rutube.ru
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++rutube.ru/cache
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++rutube.ru/cache/caches.sqlite
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++goldapple.ru
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++goldapple.ru/cache
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++goldapple.ru/cache/caches.sqlite
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/caches.sqlite-wal
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/context_open.marker
~/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++web.telegram.org/cache/caches.sqlite
~/.mozilla/firefox/249ypt2v.default-release/storage/permanent
~/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome
~/.cp
~/.conf.txt
```

Рис. 2: рис.1.2

выводим на экран имена файлов начинающиеся на h



```
ldkamalieva@ldkamalieva-VirtualBox:~$ ls /etc/h* | more
/etc/hddtemp.db
/etc/hdparm.conf
/etc/host.conf
/etc/hostname
/etc/hosts
/etc/hosts.allow
/etc/hosts.deny

/etc/hp:
hplip.conf
ldkamalieva@ldkamalieva-VirtualBox:~$
```

Рис. 3: рис.1.3

определяю идентификатор процесса gedit, используя команду gedit

```
dkamaliev@ldkamaliev-VirtualBox:~$ ps
  PID TTY          TIME CMD
 1351 pts/0    00:00:00 bash
 2291 pts/0    00:00:00 ps
dkamaliev@ldkamaliev-VirtualBox:~$ ps aux | grep gedit
dkamal+  2310  0.0  0.0  8932  720 pts/0    S+   13:51   0:00 grep gedit
dkamaliev@ldkamaliev-VirtualBox:~$ ps aux | grep gedit
```

Рис. 4: рис.1.4

использую команду kill.. для завершения процесса gedit

```
ldkamalieva@ldkamalieva-VirtualBox:~$ gedit &  
[1] 2969  
ldkamalieva@ldkamalieva-VirtualBox:~$ kill 2969  
bash: kill: (2969) - Нет такого процесса  
[1]+  Завершён          gedit  
ldkamalieva@ldkamalieva-VirtualBox:~$
```

Рис. 5: рис.1.5

использую команду `find ~ -type d` вывожу имена всех директорий, имею-

щихся в моем домашнем каталоге

```
Терминал - ldkamalieva@ldkamalieva-VirtualBox:/home/ldkamalieva

Файл Правка Вид Терминал Вкладки Справка

/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.overleaf.com/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++yandex.ru
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++yandex.ru/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com^partitionKey=%28https%2Cavito.ru%29
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com^partitionKey=%28https%2Cavito.ru%29/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com^partitionKey=%28https%2Cavito.ru%29/idb
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com^partitionKey=%28https%2Cavito.ru%29/idb/21
71031483YattIedMb.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.youtube.com^partitionKey=%28https%2Cavito.ru%29/idb/38
14753826LC07g%5CD7a%5tda7b1a4s.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++pingvinus.ru
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++pingvinus.ru/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.google.com
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.google.com/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++yastatic.net^partitionKey=%28https%2Cyandex.ru%29
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++yastatic.net^partitionKey=%28https%2Cyandex.ru%29/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.ilovepdf.com
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/default/https+++www.ilovepdf.com/ls
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/temporary
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/2918063365piupsah.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/3561288849sdhlie.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/1657114595Amcateirvti5ty.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/1451318868ntouromlalnodry--epcr.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/2823318777ntouromlalnodry--naod.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/3870112724rsegmnoittet-es.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/chrome/idb/3870112724rsegmnoittet-es.files/journals
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/indexeddb+++fx-devtools
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/indexeddb+++fx-devtools/idb
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/storage/permanent/indexeddb+++fx-devtools/idb/478967115deegvatrootlss--cans.files
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/security state
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/sessionstore-backups
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/saved-telemetry-pings
/home/ldkamalieva/.mozilla/firefox/249ypt2v.default-release/bookmarkbackups
/home/ldkamalieva/.mozilla/firefox/eu2o9ucl.default
/home/ldkamalieva/.mozilla/firefox/firefox-mpris
/home/ldkamalieva/Рабочий стол
/home/ldkamalieva/Рабочий стол/pandoc-3.1.8
/home/ldkamalieva/Рабочий стол/pandoc-3.1.8/bin
/home/ldkamalieva/Рабочий стол/pandoc-3.1.8/share
/home/ldkamalieva/Рабочий стол/pandoc-3.1.8/share/man
/home/ldkamalieva/Рабочий стол/pandoc-3.1.8/share/man/man1
ldkamalieva@ldkamalieva-VirtualBox:~$
```

я научилась фильтровать файлы и искать их