

Работа с директориями

`mkdir toys_for_schoolkids && mkdir toys_for_preschoolers` – создали две директории для игрушек для школьников и дошколят

`cd toys_for_schoolkids/` - зашли в директорию игрушек для школьников

`touch robots constructor board_games` – создали три файла

`ll` – просмотр содержимого текущей директории

`cd ..` – вышли на уровень выше

`cd toys_for_preschoolers/` - зашли в директорию для дошколят

`touch stuffed_toys dolls cars` – создали три файла

`ll` – просмотр содержимого текущей директории

`cd ..` – вышли на уровень выше

```
user1@ubuntu-server:~/attestation$ pwd
/home/user1/attestation
user1@ubuntu-server:~/attestation$ mkdir toys_for_schoolkids && mkdir toys_for_preschoolers
user1@ubuntu-server:~/attestation$ ll
total 16
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:50 ./
drwxr-xr-x 8 user1 user1 4096 Mar 21 19:14 ../
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:50 toys_for_preschoolers/
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:50 toys_for_schoolkids/
user1@ubuntu-server:~/attestation$ cd toys_for_schoolkids/
user1@ubuntu-server:~/attestation/toys_for_schoolkids$ touch robots constructor board_games
user1@ubuntu-server:~/attestation/toys_for_schoolkids$ ll
total 8
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:50 ./
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:50 ../
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:50 board_games
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:50 constructor
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:50 robots
user1@ubuntu-server:~/attestation/toys_for_schoolkids$ cd ..
user1@ubuntu-server:~/attestation$ cd toys_for_preschoolers/
user1@ubuntu-server:~/attestation/toys_for_preschoolers$ touch stuffed_toys dolls cars
user1@ubuntu-server:~/attestation/toys_for_preschoolers$ ll
total 8
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:51 ./
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:50 ../
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:51 cars
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:51 dolls
-rw-rw-r-- 1 user1 user1 0 Mar 21 19:51 stuffed_toys
user1@ubuntu-server:~/attestation/toys_for_preschoolers$ cd ..
```

`mkdir dir_toys` – создали новую директорию

`mv -ni toys_for_schoolkids/ toys_for_preschoolers/ dir_toys` – перенесли в новую директорию директории для школьников и дошколят

`ll` – просмотр содержимого текущей директории

`mv dir_toys toys` – перенесли/переименовали новую директорию

```
user1@ubuntu-server:~/attestation$ mkdir dir_toys
user1@ubuntu-server:~/attestation$ mv -ni toys_for_schoolkids/ toys_for_preschoolers/ dir_toys
user1@ubuntu-server:~/attestation$ ll
total 12
drwxrwxr-x 3 user1 user1 4096 Mar 21 19:56 ./
drwxr-xr-x 8 user1 user1 4096 Mar 21 19:14 ../
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:56 dir_toys/
user1@ubuntu-server:~/attestation$ mv dir_toys toys
user1@ubuntu-server:~/attestation$ ll
total 12
drwxrwxr-x 3 user1 user1 4096 Mar 21 19:56 ./
drwxr-xr-x 8 user1 user1 4096 Mar 21 19:14 ../
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:56 toys/
```

`ll toys/` - просмотр содержимого переименованной директории

```

user1@ubuntu-server:~/attestation$ ll toys/
total 16
drwxrwxr-x 4 user1 user1 4096 Mar 21 19:56 ./
drwxrwxr-x 3 user1 user1 4096 Mar 21 19:56 ../
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:51 toys_for_preschoolers/
drwxrwxr-x 2 user1 user1 4096 Mar 21 19:50 toys_for_schoolkids/
user1@ubuntu-server:~/attestation$

```

Работа с snap пакетами

snap list – просмотр установленных snap пакетов

snap search nginx – поиск необходимого snap пакета

sudo su - – переход в суперпользователя

snap install nginxrtmp-minsikl – установка выбранного пакета

snap remove nginxrtmp-minsikl – удаление выбранного пакета

```

user1@ubuntu-server:~/attestation$ snap list
Name      Version    Rev    Tracking    Publisher    Notes
core20    20230308   1852   latest/stable    canonical    base
lxd       4.0.9-a29c6f1 24061  4.0/stable/... canonical    -
snapd     2.58       17950  latest/stable    canonical    snapd
user1@ubuntu-server:~/attestation$ snap search nginx
Name              Version    Publisher    Notes    Summary
nginx-prometheus-exporter 0.9.0     nginx-inc    -        NGINX Prometheus Exporter for NGINX and NGINX Plus
nginxrtmp-minsikl  0.1       minsikl      -        Live Streaming server based on NGINX and RTMP
edgexfoundry      2.3.0+1   canonical    -        EdgeX core, security, and supporting components
user1@ubuntu-server:~/attestation$ sudo su -
[sudo] password for user1:
root@ubuntu-server:~# snap install nginxrtmp-minsikl
nginxrtmp-minsikl 0.1 from minsik (minsikl) installed
root@ubuntu-server:~# snap remove nginxrtmp-minsikl
nginxrtmp-minsikl removed
root@ubuntu-server:~#

```

Работа с планировщиком

`crontab -e` – открываем планировщик

`*/3 * * * * echo "Hello World at $(date)" >> /home/user1/attestation/greetings.txt` – создаем задачу: создание файла и запись в него фразы, заканчивающейся с текущей датой и временем, каждые 3 минуты

```
/tmp/crontab.QYYPKt/crontab [----] 0 L:[ 1+ 0 1/ 25] *(0 / 972b) 0035 0x023
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
*/3 * * * * echo "Hello World at $(date)" >> /home/user1/attestation/greetings.txt
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
```

`cat greetings.txt` – проверка создания файла и записи в файл

```
user1@ubuntu-server:~/attestation$ cat greetings.txt
Hello World at Tue 21 Mar 2023 08:27:01 PM UTC
Hello World at Tue 21 Mar 2023 08:30:01 PM UTC
Hello World at Tue 21 Mar 2023 08:33:01 PM UTC
Hello World at Tue 21 Mar 2023 08:36:01 PM UTC
Hello World at Tue 21 Mar 2023 08:39:01 PM UTC
user1@ubuntu-server:~/attestation$
```