

RSYNC ASSIGNMENT

ASSIGNMENT:

On a linux server setup a cron job for copying example data with rsync periodically.

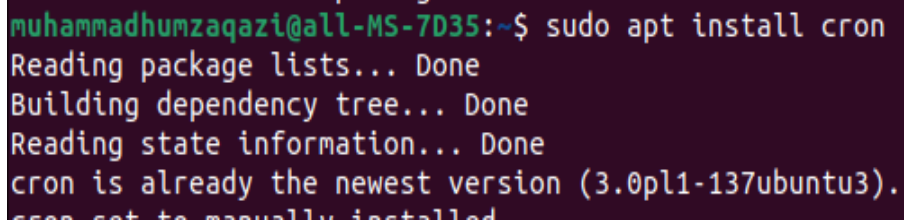
Ensure the copying is handled in the background and independently of the user session.

PAIR ASSIGNMENT:

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First I downloaded sudo apt install cron.



```
muhammadhumzaqazi@all-MS-7D35:~$ sudo apt install cron
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
cron is already the newest version (3.0pl1-137ubuntu3).
cron set to manually installed.
```

Then I created two folders first folder name **abcd** and second folder name **efgh**.

I saved text file in **abcd** folder.

Then,

Crontab -e

```
muhammadhumzaqazi@all-MS-7D35:~$ crontab -e
no crontab for muhammadhumzaqazi - using an empty one
crontab: installing new crontab
"/tmp/crontab.yTcoVm/crontab":23: bad minute
errors in crontab file, can't install.
Do you want to retry the same edit? (y/n) y
crontab: installing new crontab
"/tmp/crontab.yTcoVm/crontab":23: bad command
errors in crontab file, can't install.
Do you want to retry the same edit? (y/n) y
crontab: installing new crontab
"/tmp/crontab.yTcoVm/crontab":23: bad command
errors in crontab file, can't install.
Do you want to retry the same edit? (y/n) sudo install cron
Enter Y or N
Do you want to retry the same edit? (y/n) y
crontab: installing new crontab
```

```

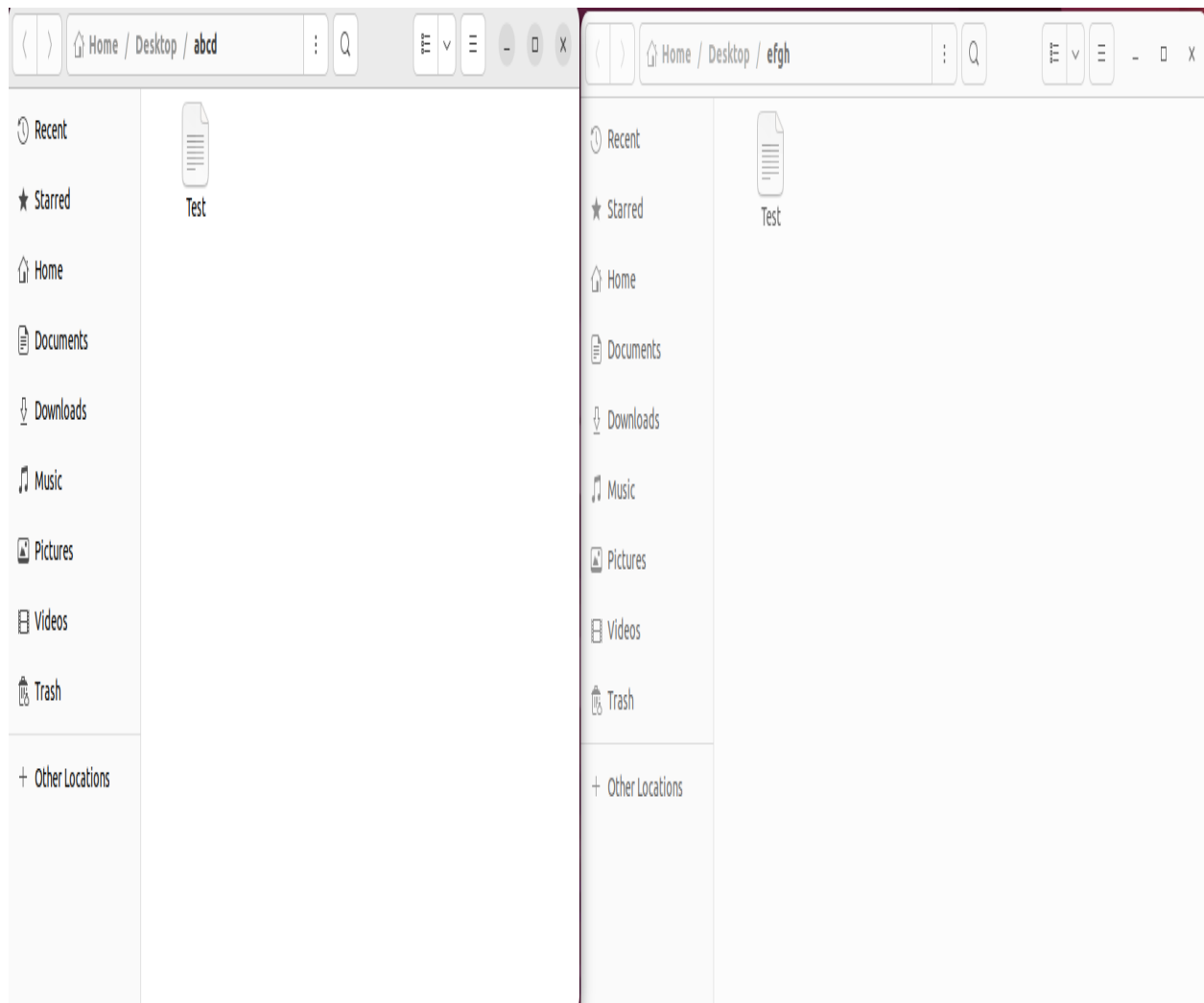
muhammadhumzaqazi@all-MS-7035:~$ crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete 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:
# 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
* * * * * rsync /home/muhammadhumzaqazi/Desktop/abcd/* /home/muhammadhumzaqazi/Desktop/efgh/

```

```

* * * * * rsync /home/muhammadhumzaqazi/Desktop/abcd/*
/home/muhammadhumzaqazi/Desktop/efgh/

```

abcd folder text file transfer in **efgh** folder.