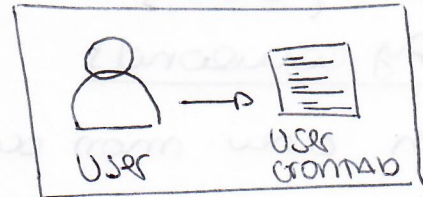


CRON - Task scheduling in linux.

crontab → the job
crontab → the tool

Run commands or scripts periodically at times you previously specified in a crontab file.

Each user has its own crontab file but this file should never be edited directly, you should use the crontab utility make your edits



crontab -l → list all your crontabs.

crontab -e → opens the crontab file with your default editor.

crontab -r → deletes your user-crontab (i.e your crontab file)

crontab -u USER + -r + -e + -l → exec crontab of other user.

How a cron job is scheduled (be careful with uneven intervals)

Minute	Hour	Date	Month	DOW	
0-59	0-23	1-31	1-12	0-7	→ VALUE RANGES
*	*	*	*	*	→ ALL OF THE VALUES

12,46	1,2,20	7,29	3,2	3,5	→ SEQUENCE OF VALUES
34-56/2	6-12	7-14	3-8	1-4	→ RANGE VALUES / STEP

YOU CAN COMBINE RANGES WITH SEQUENCES BUT YOU CAN'T USE STEPS

ALL FIELDS MUST HAVE VALUE

crontab file.

Specify the SHELL

SHELL = /bin/bash

PATH = { } { }

Specify commands

m h dow mon decw cmd/script

MAIL OUTPUT OF cronjobs when they run.

MAILTO = email@codeup.com. (you'll need to install
mpilx and sendmail)
↳ bsd-mailx.