

# Setting up a Cron job

## To setup a cron job, set up root login

- sudo su (enter)
- crontab -e (enter)

You'll select the (2) version for nano editor

You'll be editing the crontab file in the directory

/var/spool/cron directory

```
pi@raspi_7:~$ crontab -l
no crontab for pi
pi@raspi_7:~$ sudo su
root@raspi_7:/home/pi# 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
* * * * * /home/pi/testcron.sh >> /home/pi/testcron.log
root@raspi_7:/home/pi#
```

As above, the script "testcron.sh" will run every minute

M, H, Day of M, Month, Day of week

Nice website for contime generator

<https://crontab-generator.org/>

## Test script information

```
root@raspi_7:/home/pi# cat testcron.sh
```

```
#!/bin/bash
```

```
echo "this is a test"
```

## And log output

```
root@raspi_7:/home/pi# cat testcron.log
```

```
this is a test
```

this is a test  
this is a test  
this is a test  
this is a test  
this is a test  
this is a test

### To list the Crontab jobs

➤ crontab -l

And to disable, put in comment in front of commands

```
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