

# 06-1 crontab

Running things on a schedule

# /etc/crontab

```
# /etc/crontab: system-wide crontab
# Unlike any other crontab you don't have to run the `crontab'
# command to install the new version when you edit this file
# and files in /etc/cron.d. These files also have username fields,
# that none of the other crontabs do.
```

```
SHELL=/bin/sh
```

```
PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin
```

```
# m h dom mon dow user  command
```

```
17 * * * * root    cd / && run-parts --report /etc/cron.hourly
```

```
25 6 * * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.daily )
```

```
47 6 * * 7 root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.weekly )
```

```
52 6 1 * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.monthly )
```

```
#
```

# Add to /etc/crontab

```
# Record ping times
```

```
NODE_PATH=/usr/local/lib/node_modules
```

```
# m h dom mon dow user  command
```

```
* * * * * root /root/exercises/iot/phant/tmp101.js 2>&1 | logger
```

► Look in `/var/log/messages` and `/var/log/user.log`

# exercises/setup/installCron.sh

```
# Turn off LED triggers at night
```

```
NODE_PATH=/usr/local/lib/node_modules
```

```
58 5 * * * root /home/debian/exercises/setup/ledTrigger.js
```

```
2 21 * * * root /home/debian/exercises/setup/ledTrigger.js  
off
```

```
* * * * * root /home/debian/exercises/iot/phant/recordPing.js  
2>&1 | logger
```

```
# Remind me that the machine is running
```

```
* * * * * root  
/home/yoder/BeagleBoard/exercises/iot/sms/sms.curl `uname -n` is  
running
```