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["Why/when/how I should fsck my filesystem's](#)

by [gdixon61](#) » Sat May 23, 2009 3:44 pm

right now I run a cron per Danmero's thread answer and and one liner once a day.

thread :

Code: [Select all](#)

```
https://apps.sourceforge.net/phpbb/freenas/viewtopic.php?f=5&t=596&p=2621&hilit=fsck+cron#p2621
```

Code: [Select all](#)

```
/sbin/mount | /usr/bin/awk '/soft-updates/{system ("/sbin/fsck_ufs -pB "$3)}'
```

i found this one (also by Danmero) that makes a log and does the same check as the above code (so it appears to me)

thread :

Code: [Select all](#)

```
https://apps.sourceforge.net/phpbb/freenas/viewtopic.php?f=79&t=1073&p=4521&hilit=fsck+cron#p4521
```

Code: [Select all](#)

```
#!/bin/sh
LOG=${1:-"/root/fsck.log"}
/bin/date >> $LOG
/sbin/mount | \
/usr/bin/awk '
    /soft-updates/{
        system("/sbin/fsck_ufs -pB "$3)
    }' 2>&1 >> $LOG
```

Who thinks a log is important? to log or not to log a fsck !

What are some best practices or more and maybe better options for a fsck?

When and how do you do a fsck for general maintenance and peace of mind?

What else do you automate for maintenance?

[Re: "Why/when/how I should fsck my filesystem's](#)

by [danmero](#) » Sat May 23, 2009 4:34 pm

In general the first example should be OK but sometimes *background fsck* can't fix all error's and you are required to run *fsck manually*(umount filesystem && *fsck-ufs -y* filesystem) and in this case you want to catch this error messages and for that the second script is required.

gdixon61 wrote:What else do you automate for maintenance?

Take a look at E-mail alert's script.

[Re: "Why/when/how I should fsck my filesystem's](#)

by [gdixon61](#) » Sat May 23, 2009 5:02 pm

I'm testing the second one out now on my test box to see how the logging works.

Moved the logs to a fixed permanent directory with the system logs (clog_logdir=) by changing the script a bit also.

Only draw back to logs is you need to read them religiously and can't skip it .

[Re: "Why/when/how I should fsck my filesystem's](#)

by [danmero](#) » Sat May 23, 2009 5:19 pm

Code: [Select all](#)

```
grep "RUN fsck MANUALLY" log.file
```



[Re: "Why/when/how I should fsck my filesystem's](#)

by [opel70](#) » Wed Jul 08, 2009 2:11 pm

*gdixon61 wrote:*Moved the logs to a fixed permanent directory with the system logs (clog_logdir=) by changing the script a bit also.

Aside from manually using the same directory, how do you have the script use the clog_logdir variable? I tried using \$clog_logdir, but that doesn't seem to be a valid variable. And nothing in `setenv` contains that log path.

Thanks,

Tim

[Re: "Why/when/how I should fsck my filesystem's](#)

by [danmero](#) » Wed Jul 08, 2009 2:19 pm

Code: [Select all](#)

```
#!/bin/sh
. /etc/rc.conf      #Include rc.conf in script
echo $clog_logdir  #yeld variable set on rc.conf
```

Last edited by [danmero](#) on Wed Jul 08, 2009 3:02 pm, edited 1 time in total.

Reason: *Fix code*

[Re: "Why/when/how I should fsck my filesystem's](#)

by [opel70](#) » Wed Jul 08, 2009 2:42 pm

Thanks, though it would be:

```
echo $clog_logdir
```

[opel70](#)

Posts: 6

Joined: Wed Jul 01, 2009 7:25 pm

[Top](#)

[Re: "Why/when/how I should fsck my filesystem's](#)

by [evanrich](#) » Thu Jul 09, 2009 7:58 pm

just tried to do this as a cron job, and it says can't execute cron...I've attached a screenshot showing...am i doing something wrong?

failcron.JPG

failcron.JPG (99.46 KiB) Viewed 2154 times

[Re: "Why/when/how I should fsck my filesystem's](#)

by [gdixon61](#) » Thu Jul 09, 2009 10:28 pm

it isn't telling you it can not run the job it tells you it failed.

I have been having trouble with both cron jobs and advanced > command scripts with postinit

I have tried all kinds of variations and still have problems.

I rolled back to .7 4699 embedded where the command scripts and all my cron jobs last worked reliably to get them working again.

[Re: "Why/when/how I should fsck my filesystem's](#)

by [srogovtsev](#) » Sat Jul 11, 2009 9:42 am

I use yet another version of danmero's one-liner:

Code: [Select all](#)

```
/sbin/mount | /usr/bin/awk '/soft-updates/{system ("/sbin/fsck_ufs -pB "$3" 2>&1 | /usr/bin/logger -p notice -t fsck")}'
```

Notice the use of logger. This way all messages from fsck go to the main system log and are accessible thru WebGUI, clog and so on.