

Why Journald?

by Jorgen Schäfer



```
[root@dave ~]12 du -ch /var/log
0   /var/log/samba/old
0   /var/log/samba
0   /var/log/httpd
0   /var/log/ppp
39M/var/log/sa
0   /var/log/pluto/peer
0   /var/log/pluto
...
0   /var/log/libvirt
29M/var/log/audit
0   /var/log/ntpstats
...
0   /var/log/pcp
204K  /var/log/cups
0   /var/log/speech-dispatcher
320K  /var/log/gdm
116K  /var/log/tuned
0   /var/log/qemu-ga
2.3M  /var/log/anaconda
84M/var/log
84Mtotal
[root@dave ~]13
```

```
root@raspberrypi:~# du -ch /var/log
56K /var/log/apt
33M/var/log/journal/8dadf95c2f504864bc0f8b3ab149cbe0
33M/var/log/journal
12K /var/log/fsck
4.0K /var/log/ntpstats
20K /var/log/lightdm
4.0K /var/log/samba
36M/var/log
36Mtotal
root@raspberrypi:~#
```

And now a quick demo

...logging into maplepark.com

....
OR

root@raspberrypi:~# ll /var/log

total 2196

-rw-r--r--	1	root	root	188	Jun	6	18:18	alternatives.log
-rw-r--r--	1	root	root	48554	May	28	11:16	alternatives.log.1
drwxr-xr-x	2	root	root	4096	Jun	1	06:25	apt
-rw-r-----	1	root	adm	12170	Jun	6	18:17	auth.log
-rw-r-----	1	root	adm	192501	Jun	6	06:25	auth.log.1
-rw-r-----	1	root	adm	5849	May	29	06:25	auth.log.2.gz
-rw-r--r--	1	root	root	74588	May	10	17:55	bootstrap.log
-rw-rw----	1	root	utmp	0	Jun	1	06:25	btmp
-rw-----	1	root	utmp	1536	May	28	21:28	btmp.1
-rw-r-----	1	root	adm	3653	Jun	6	18:10	daemon.log
-rw-r-----	1	root	adm	175325	Jun	6	05:54	daemon.log.1
-rw-r-----	1	root	adm	44786	May	29	05:30	daemon.log.2.gz
-rw-r-----	1	root	adm	0	Jun	6	06:25	debug
-rw-r-----	1	root	adm	3525	May	31	07:26	debug.1
-rw-r-----	1	root	adm	2035	May	28	22:24	debug.2.gz
-rw-r-----	1	root	adm	31	May	10	17:54	dmesg
-rw-r--r--	1	root	root	22847	Jun	6	18:18	dpkg.log
-rw-r--r--	1	root	root	734868	May	31	07:27	dpkg.log.1
-rw-r--r--	1	root	root	24048	May	28	11:02	faillog
-rw-r--r--	1	root	root	2288	May	10	18:30	fontconfig.log
drwxr-xr-x	2	root	root	4096	May	10	17:54	fsck
drwxr-sr-x	3	root	systemd-journal	4096	May	28	12:24	journal
-rw-r-----	1	root	adm	0	Jun	6	06:25	kern.log
-rw-r-----	1	root	adm	107573	Jun	5	11:46	kern.log.1
-rw-r-----	1	root	adm	54152	May	29	01:15	kern.log.2.gz
-rw-rw-r--	1	root	utmp	292584	Jun	6	18:10	lastlog

```
drwxr-sr-x 3 root systemd-journal 4096 May 28 12:24 journal
-rw-r----- 1 root adm           0 Jun  6 06:25 kern.log
-rw-r----- 1 root adm          107573 Jun  5 11:46 kern.log.1
-rw-r----- 1 root adm          54152 May 29 01:15 kern.log.2.gz
-rw-rw-r-- 1 root utmp          292584 Jun  6 18:10 lastlog
drwx--x--x 2 root root           4096 May 29 12:55 lightdm
-rw-r----- 1 root adm           148 Jun  6 06:25 messages
-rw-r----- 1 root adm          133953 Jun  6 06:25 messages.1
-rw-r----- 1 root adm          57592 May 29 06:25 messages.2.gz
drwxr-xr-x 2 ntp ntp              4096 Nov  1 2015 ntpstats
-rw-r--r-- 1 root root           543 May 10 18:51 regen_ssh_keys.log
drwxr-x--- 2 root adm            4096 Apr 14 00:08 samba
-rw-r----- 1 root adm           8766 Jun  6 18:17 syslog
-rw-r----- 1 root adm          14385 Jun  6 06:25 syslog.1
-rw-r----- 1 root adm           3723 Jun  5 06:25 syslog.2.gz
-rw-r----- 1 root adm           5372 Jun  4 06:25 syslog.3.gz
-rw-r----- 1 root adm           1297 Jun  3 06:25 syslog.4.gz
-rw-r----- 1 root adm           1711 Jun  2 06:25 syslog.5.gz
-rw-r----- 1 root adm           4306 Jun  1 06:25 syslog.6.gz
-rw-r----- 1 root adm           5882 May 31 06:25 syslog.7.gz
-rw-r----- 1 root adm           0 Jun  6 06:25 user.log
-rw-r----- 1 root adm           713 May 29 12:55 user.log.1
-rw-r----- 1 root adm           544 May 28 22:24 user.log.2.gz
-rw-rw-r-- 1 root utmp          4992 Jun  6 18:10 wtmp
-rw-rw-r-- 1 root utmp          53376 May 31 22:43 wtmp.1
-rw-r--r-- 1 root root          11666 Jun  1 17:29 Xorg.0.log
-rw-r--r-- 1 root root          11869 May 29 12:54 Xorg.0.log.old
```

```
root@raspberrypi:~#
```

