

What about errors in my Apples and Penguins

Patrick.j.rice@gmail.com



less /var/log/messages

```
pat@law152: ~  
type 'lightweight'.  
Feb  8 10:27:14 law152 pulseaudio[1847]: ratelimit.c: 115 events suppressed  
Feb  8 12:17:10 law152 pulseaudio[1847]: ratelimit.c: 40 events suppressed  
Feb  8 12:17:33 law152 pulseaudio[1847]: ratelimit.c: 40 events suppressed  
Feb  8 12:18:12 law152 pulseaudio[1847]: ratelimit.c: 54 events suppressed  
Feb  8 12:18:34 law152 pulseaudio[1847]: ratelimit.c: 200 events suppressed  
Feb  8 12:18:46 law152 pulseaudio[1847]: ratelimit.c: 41 events suppressed  
Feb  8 12:20:34 law152 pulseaudio[1847]: ratelimit.c: 39 events suppressed  
Feb  8 12:23:29 law152 pulseaudio[1847]: ratelimit.c: 40 events suppressed  
Feb  8 12:23:42 law152 pulseaudio[1847]: ratelimit.c: 147 events suppressed  
Feb  8 12:24:37 law152 pulseaudio[1847]: ratelimit.c: 192 events suppressed  
Feb  8 12:25:40 law152 pulseaudio[1847]: ratelimit.c: 128 events suppressed  
Feb  8 12:26:05 law152 pulseaudio[1847]: ratelimit.c: 145 events suppressed  
Feb  8 12:32:47 law152 pulseaudio[1847]: ratelimit.c: 140 events suppressed  
Feb  8 12:38:55 law152 pulseaudio[1847]: ratelimit.c: 128 events suppressed  
Feb  8 12:39:42 law152 pulseaudio[1847]: ratelimit.c: 60 events suppressed  
Feb  9 07:44:16 law152 rsyslogd: [origin software="rsyslogd" swVersion="4.2.0" x-pid="1627" x-info="http://www.rsyslog.com"] rsyslogd was HUPed, type 'lightweight'.  
Feb  9 14:43:43 law152 kernel: [365388.134421] UDF-fs: No VRS found  
Feb  9 14:43:43 law152 kernel: [365388.134424] UDF-fs: No partition found (1)  
Feb 10 07:36:25 law152 rsyslogd: [origin software="rsyslogd" swVersion="4.2.0" x-pid="1627" x-info="http://www.rsyslog.com"] rsyslogd was HUPed, type 'lightweight'.  
Feb 11 07:59:24 law152 rsyslogd: [origin software="rsyslogd" swVersion="4.2.0" x-pid="1627" x-info="http://www.rsyslog.com"] rsyslogd was HUPed, type 'lightweight'.  
Feb 11 11:42:33 law152 kernel: [527317.776422] usb 1-3.1.3: new high speed USB device using ehci_hcd and address 8  
Feb 11 11:42:33 law152 kernel: [527317.895223] usb 1-3.1.3: configuration #1 chosen from 1 choice  
Feb 11 11:42:33 law152 kernel: [527317.904820] scsi7 : SCSI emulation for USB Mass Storage devices  
Feb 11 11:42:38 law152 kernel: [527322.905549] scsi 7:0:0:0: Direct-Access Kingston DataTraveler 2.0 PMAP PQ: 0  
ANSI: 0 CCS  
Feb 11 11:42:38 law152 kernel: [527322.905898] sd 7:0:0:0: Attached scsi generic sg4 type 0  
Feb 11 11:42:38 law152 kernel: [527323.602526] sd 7:0:0:0: [sdc] 3919872 512-byte logical blocks: (2.00 GB/1.86 GiB)  
Feb 11 11:42:38 law152 kernel: [527323.605267] sd 7:0:0:0: [sdc] Write Protect is off  
:
```

Commands

- Go to `/var/logs` directory:
 - `# cd /var/logs`
- View common log file `/var/log/messages` using any one of the following command:
 - `# tail -f /var/log/messages`
 - `# less /var/log/messages`
 - `# more -f /var/log/messages`
 - `# vi /var/log/messages`

Common Linux log files name and usage

- `/var/log/message`: General message and system related stuff
- `/var/log/auth.log`: Authentication logs
- `/var/log/kern.log`: Kernel logs
- `/var/log/cron.log`: Crond logs (cron job)
- `/var/log/maillog`: Mail server logs
- `/var/log/qmail/` : Qmail log directory (more files inside this directory)
- `/var/log/httpd/`: Apache access and error logs directory
- `/var/log/lighttpd`: Lighttpd access and error logs directory
- `/var/log/boot.log` : System boot log
- `/var/log/mysqld.log`: MySQL database server log file
- `/var/log/secure`: Authentication log
- `/var/log/utmp` or `/var/log/wtmp` : Login records file
- `/var/log/yum.log`: Yum log files

Logs on an Apple

- **Console**
 - **Spotlight**
- **Or**
 - **Applications -> Utilities** folder

Main logs to look at:

- **system.log** describes issues regarding your whole system. DNS, networking, and Adium messages frequently appear here for me.
- **mail.log** is occasionally useful when trying to get the Mail application straightened out.
- **CrashReporter** logs are very important in debugging any crash within a specific application.



Spotlight_2007-11-11-145746_david-kirks-computer.crash



Hide Log List

Move to Trash

Clear Display

Insert Marker

Reload

- SaffireControl_200...
- ScreenFlow_2008-...
- ScreenFlow_2008-...
- ScreenFlow_2008-...
- ScreenFlow_2008-...
- ScreenFlow_2008-...
- SlingPlayer.crash.log
- Spotlight_2007-11...**
- Startup Disk.crash.log

Process: Spotlight [154]
Path: /System/Library/CoreServices/Spotlight.app/
Contents/MacOS/Spotlight
Identifier: com.apple.spotlight
Version: 10.5 (398)
Build Info: Spotlight-3980000~1
Code Type: X86 (Native)
Parent Process: launchd [131]
Date/Time: 2007-11-11 14:57:46.725 -0500
OS Version: Mac OS X 10.5 (9A581)

Size: 23.5 KB