

journal

Follow journal and show only entries with **err** priority

```
journalctl -p err -f
```

Valid priorities are (syslog):

- 0 emerg (panic / System is unusable)
- 1 alert (Action must be taken immediately / A condition that should be corrected immediately, such as a corrupted system database)
- 2 crit (Critical conditions / Hard device errors)
- 3 err (Error conditions)
- 4 warning (Warning conditions)
- 5 notice (Normal but significant conditions / Conditions that are not error conditions, but that may require special handling)
- 6 info (Informational messages)
- 7 debug

Assigning stderr priorities

```
man 3 sd-daemon
```

```
fprintf(stderr, SD_NOTICE "Hello World!\n")
```

reduce journal size

```
# runtime
```

```
sudo journalctl --vacuum-size=50M
```

```
# permanent
```

```
echo SystemMaxUse=50M | sudo tee -a /etc/systemd/journal.conf
```

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