lnav Log file navigator

Open files formats auto-detected | **Filter and search** / and : prompts | **Mark lines** m, tags, comments | **Query with SQL** ; prompt | **Export** :write-to and friends

CONCEPTS

lnav detects log formats itself, merges all opened files by timestamp and follows them as they grow.

Piped input works too: journalctl -f | lnav. Add -t to stamp each line with its arrival time.

MOVING AROUND

j / Down Down a line

k / Up Up a line

Space / PgDn
Down a page

b / PgUp Up a page

g / Home
Top of the view

G / End
Bottom of the view

Ctrl + d
Down half a page

Ctrl + u Up half a page

h / Left
Scroll left half a page

l / Right
Scroll right half a page

MOVING AROUND (cont.)

{ / }
Previous / next section

Ctrl + w
Toggle word wrap

JUMPING BY EVENT

e / Shift + e
Next / previous error

w / Shift + w
Next / previous warning

n / Shift + n
Next / previous search hit

f / Shift + f
Next / previous file

u / Shift + u
Next / previous bookmark

TIME TRAVEL

d / Shift + d
Forward / back 24 hours

0 / Shift + 0
Next / previous day

7 / 8
Previous / next minute

:goto *<time|line#|N%>*
Jump to a time, line or percentage

TIME TRAVEL (cont.)

:hide-lines-before *<date>*
Hide lines before a date

:hide-lines-after *<date>*
Hide lines after a date

SEARCH AND FILTER

/
Search lines with a regex

:filter-in *<regex>*
Show only matching lines

:filter-out *<regex>*
Hide matching lines

:delete-filter *<regex>*
Remove a filter

Tab
Open filters / files panel

Ctrl + f
Enable or disable all filters

z / Shift + z
More / less filter context lines

:set-min-log-level *<level>*
Hide messages below a level

:highlight *<regex>*
Colour matching text

MARKS AND NOTES

m Mark or unmark a line

Shift + m
Mark range up to the last mark

c
Copy marked lines to clipboard

Shift + c Clear all marks

:tag *<tag>*
Tag the focused line

:append-to *<path>*
Append marked lines to a file

VIEWS

q
Back to the previous view, or quit

? Show built-in help

i Toggle histogram view

t Toggle text file view

p
Toggle log parser results

Shift + p
Toggle pretty-printed view

v Toggle SQL result view

SQL AND EXPORT

; Open the SQL prompt

| Run a saved script

;SELECT * FROM *<log-table>* **LIMIT 10**
Query a log format table

:write-csv-to *<path>*
Write SQL results as CSV

:open *<path>*
Open more files or a directory

COMMAND LINE

lnav *<file> <dir>*
Open files and directories

lnav -r *<dir>*
Load files recursively

lnav -t
Timestamp piped input lines

lnav -n
Run headless, no curses UI

lnav -c "*<command>***"**
Run a command, SQL or search at start

RECIPES

Follow the system journal

```
journalctl -f | lnav
# then: e to jump to errors,
i for a histogram
```