$ lsof

Master lsof — Interactively

Why the terminal is the fastest way to see what's open

GO **Instant feedback**

Press Enter, see it happen — no compiling.

RE **Learn by tweaking**

Change one flag, rerun, and watch it change.

IO **Real files, real power**

See exactly what's open, right now.

OK **Zero setup**

One quick install away on any Linux distro.

01

Find Who's Using A Port

See exactly which process is bound to a network port

- -i :PORT filters open files by port number
- Instantly reveals the PID, user, and process
- Perfect for fixing "address already in use"

SYNTAX

```
lsof -i :22
```

02

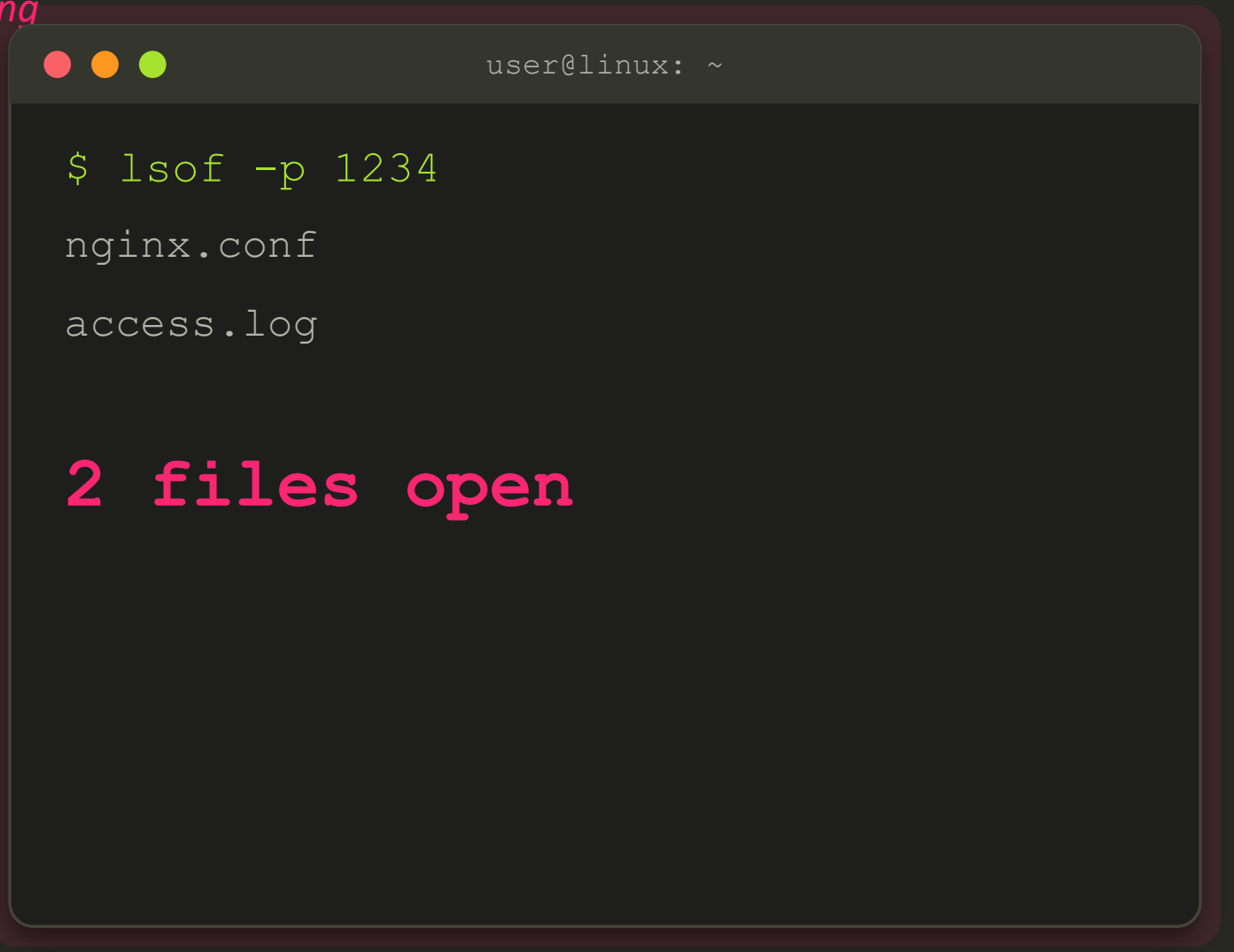
List Files Opened By A Process

See every file a running process is using

- -p PID filters by a specific process ID
- Reveals config files, logs, and sockets
- Great for debugging "why won't this unlock"

SYNTAX

```
lsof -p 1234
```



03 Find Who Has A File Open

Trace any file back to the process using it

- Pass a file path directly as the argument
- Useful before deleting or unmounting a file
- Shows the exact PID holding it open

SYNTAX

```
lsof /var/log/syslog
```

user@linux: ~

```
$ lsof /var/log/syslog
COMMAND   PID   USER
rsyslogd  455   syslog
```

PID 455

04

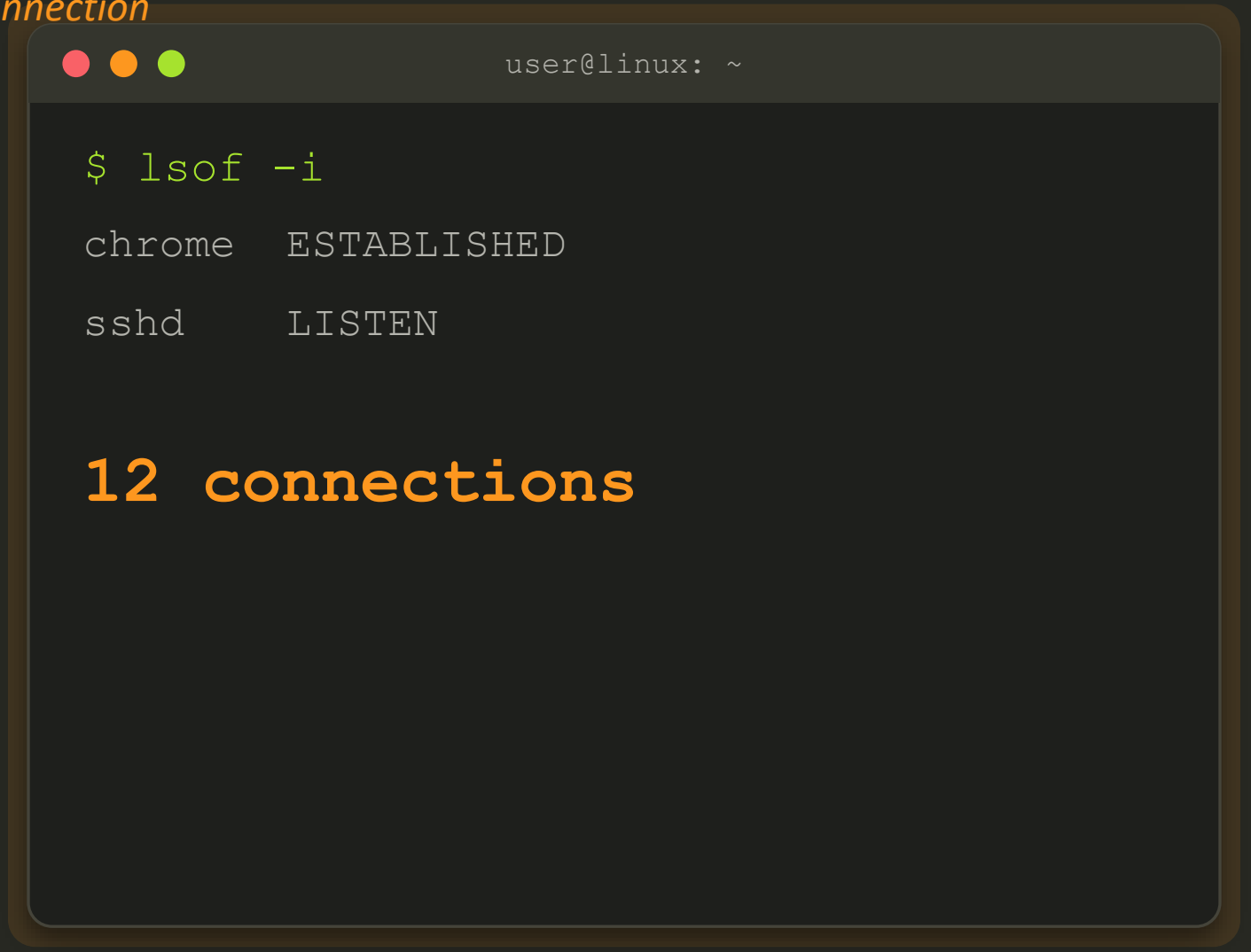
List All Network Connections

Get a live snapshot of every open connection

- -i alone lists all internet connections
- Combine with grep to filter by state
- A fast, built-in alternative to netstat

SYNTAX

```
lsof -i
```



```
$ echo "Thanks for watching!"
```

Thank You For Watching

You just learned 4 real lsof moves — now go run them yourself.

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