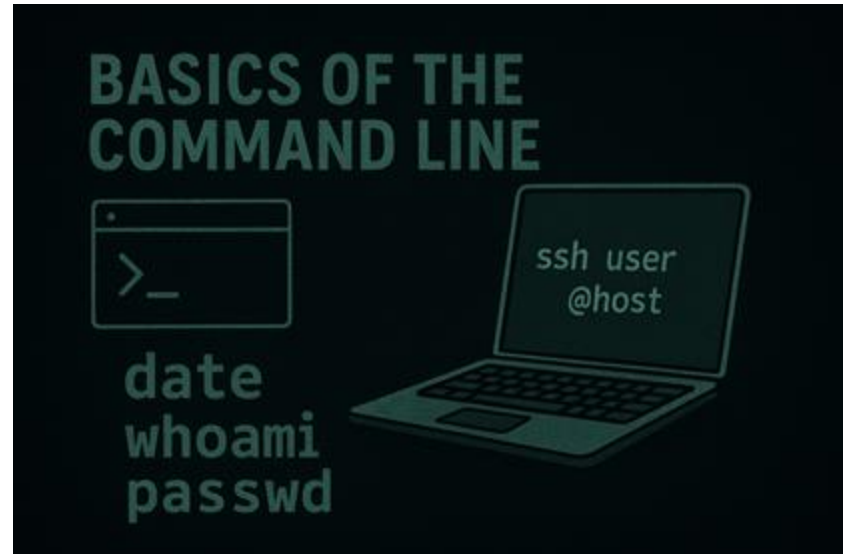


Operating System fundamentals

Seeking help



Contents

1. seeking help

Course text

- chapter 4: Get Help in Linux



Seeking help

man pages

man command reads from sections in /usr/share/man

| Section | Content type | Description |
|---------|---|--|
| 1 | User commands | Both executable and shell programs. |
| 2 | System calls | Kernel routines invoked from user space. |
| 3 | Library functions | Provided by program libraries. |
| 4 | Special files | Such as device files. |
| 5 | File formats | For many configuration files and structures. |
| 6 | Games and screensavers | Historical section for amusing programs. |
| 7 | Conventions, standards, and miscellaneous | Protocols, file systems. |
| 8 | System administration and privileged commands | Maintenance tasks. |
| 9 | Linux kernel API | Internal kernel calls. |

Keys to use inside man pages

Table 4.2. Navigate man Pages

| Command | Result |
|-----------|---|
| Spacebar | Scroll forward (down) one screen. |
| PageDown | Scroll forward one screen. |
| PageUp | Scroll backward (up) one screen. |
| DownArrow | Scroll forward one line. |
| UpArrow | Scroll backward one line. |
| D | Scroll forward one half-screen. |
| U | Scroll backward one half-screen. |
| /string | Search forward for <i>string</i> in the man page. |
| N | Repeat previous search forward in the man page. |
| Shift+N | Repeat previous search backward in the man page. |

Getting help

- **man** passwd: shows “man page” about passwd
- **man 1** passwd: help on the command passwd
- **man 5** passwd: help on the file passwd
- **man -k** time: search “time” in titles and descriptions
- **man -K** time: search in all text (ctrl-c to quit)
- **passwd --help**: ask the command for more information

synopsis

```
CRONTAB(1)                                User Commands

NAME
    crontab - maintains crontab files for individual users

SYNOPSIS
    crontab [-u user] <file | ->
    crontab [-T] <file | ->
    crontab [-u user] <-l | -r | -e> [-i] [-s]
    crontab -n [ hostname ]
    crontab -c
    crontab -V
```

man crontab

SYNOPSIS

[]

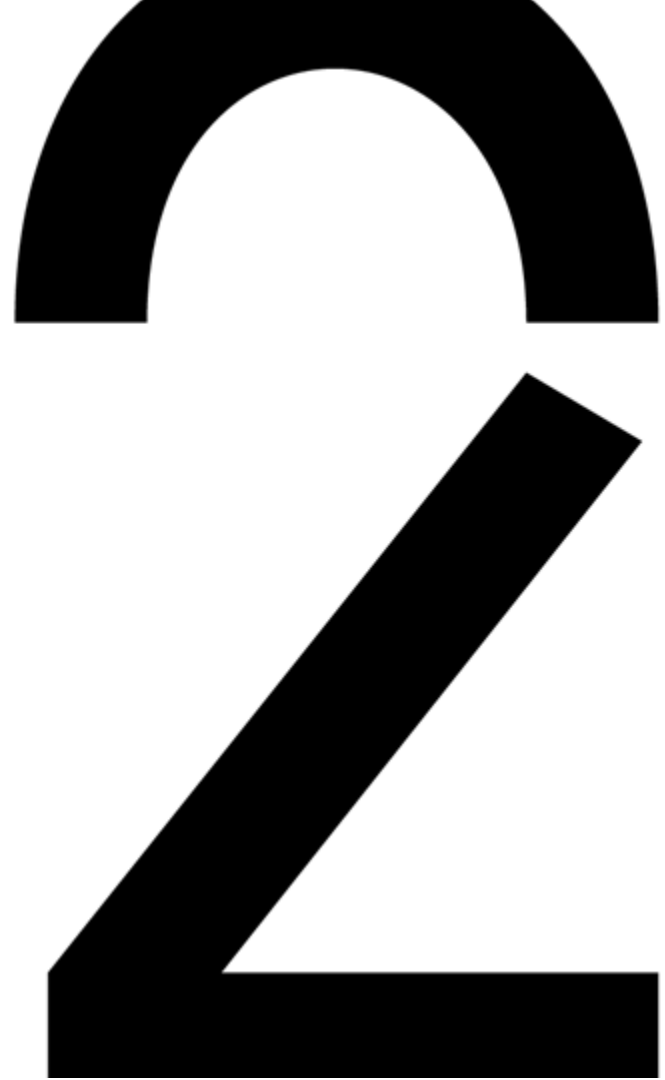
→ optional

< -l | -r | -e >

→ mutually exclusive

Exercise

1. What does the command `uname` do?
2. What does the command `cp` do and with which option does it work recursively?
3. Which command can you use to:
"print lines that match patterns"



Exercises

Exercises

- KdG
 - ex0401
 - ex0402
- RedHat
 - ch04s02