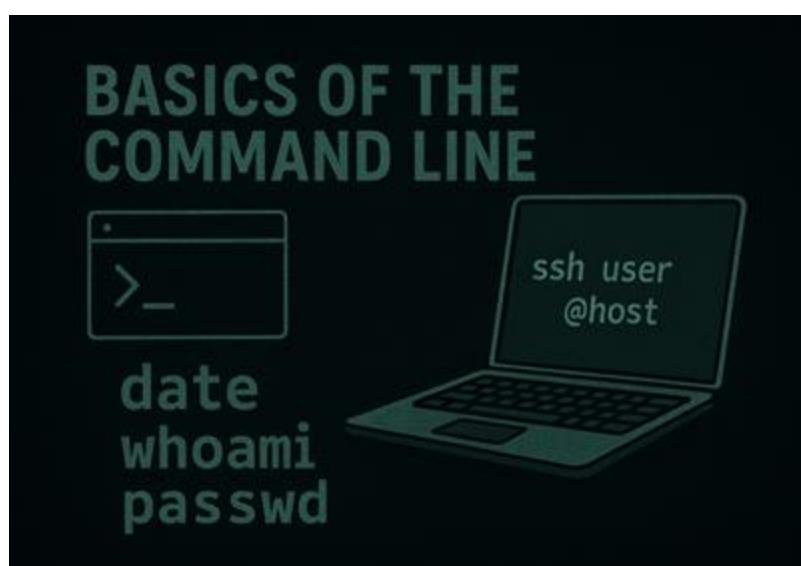


Operating System fundamentals

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

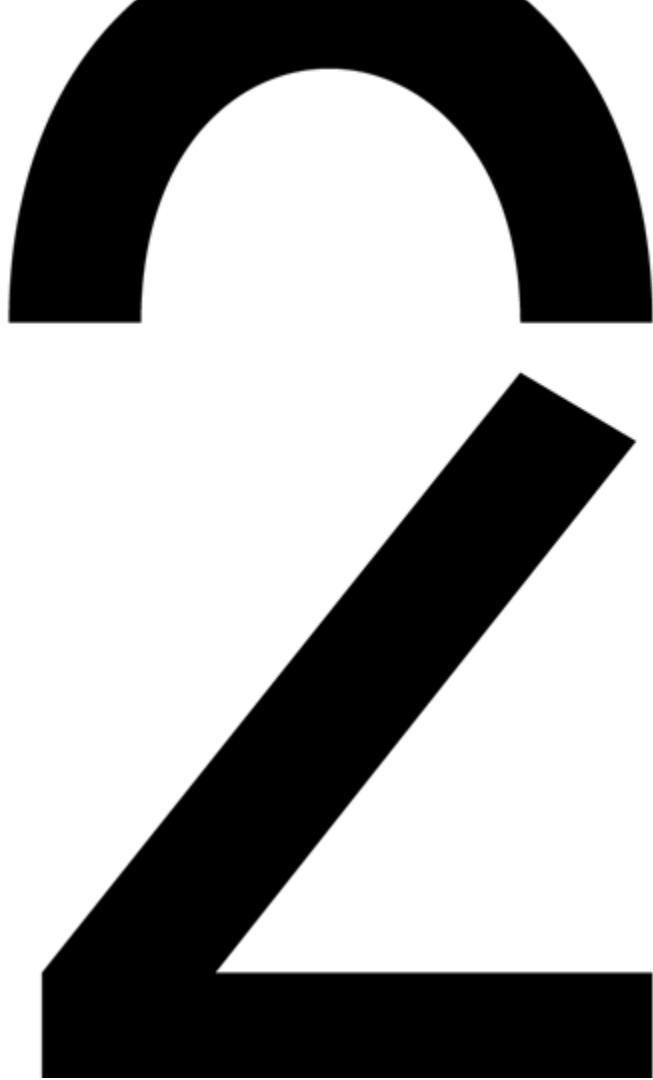
< -l | -r | -e>

→ 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