man Manual page lookup

CONCEPTS

A name can exist in several sections: printf(1) is the command, printf(3) the C function. Write man 3 printf to pick.

Manual sections

Section	Holds
1	User commands
2	System calls
3	Library functions
4	Devices and special files
5	File formats and config
6	Games
7	Overviews and conventions
8	Admin commands

Do not know the name a topic or word
↓ `man -k`
Pick a hit name (section)
↓ `man`
Read the page in the pager
↓ `/ search`
Find the option or example

man shows pages through a pager, normally less, so every less key works inside it.

Shell builtins (cd, export, alias) have no own page: use help <name>, or man bash and search there.

OPENING PAGES

`man` *`<name>`*
Show the manual page

`man` *`<section>`* *`<name>`*
Show the page from one section

`man -a` *`<name>`*
Show every matching page in turn

`man -l` *`<file>`*
Open a page from a local file

`man -w` *`<name>`*
Print the path of the page file

`man` *`<name>`* *`<sub>`*
Open subcommand page (git-commit)

SEARCHING PAGES

`man -k` *`<word>`*
Search names and descriptions

`apropos` *`<word>`*
Same as man -k

`man -f` *`<name>`*
One-line summary of a page

`whatis` *`<name>`*
Same as man -f

INSIDE THE PAGER

`Space / b`
Page forward / back

`j / k`
Line down / up

`g / G`
Top / bottom of the page

`/`*`<text>`*
Search forward

`n / N`
Next / previous match

`q`
Quit

`/^ *-`*`<x>`*
Jump to the description of option -x

OTHER HELP SOURCES

`<command>` **`--help`**
Built-in usage summary

`help` *`<builtin>`*
Help for a shell builtin

`type` *`<name>`*
Is it a builtin, alias or file?

READING A PAGE

Conventions in SYNOPSIS

Written	Means
`[x]`	optional
`<x> or x in italics`	replace with a value
`a | b`	pick one
`x ...`	can repeat

Read NAME and SYNOPSIS first, then jump to the option you need; EXAMPLES and SEE ALSO often save the most time.