man −

man [−**C**] [−**d**] [−**D**] [−−**warnings** [=]] [−**R**] [−**L**] [−**m** [,. . .]] [−**M**] [−**S**] [−**e**] [−**i**|−**I**]
[−−**regex**|−−**wildcard**] [−−**names−only**] [−**a**] [−**u**] [−−**no−subpages**] [−**P**] [−**r**] [−**7**] [−**E**]
[−−**no−hyphenation**] [−−**no−justification**] [−**p**] [−**t**] [−**T** [ ]] [−**H** [ ]] [−**X** [*dpi*]] [−**Z**] [[ ]
[.] . . .] . . .
man −**k** [*apropos*] . . .
man −**K** [−**w**|−**W**] [−**S** *list*] [−**i**|−**I**] [−−**regex**] [ ] . . .
man −**f** [*whatis*] . . .
man −**l** [−**C**] [−**d**] [−**D**] [−−**warnings** [=]] [−**R**] [−**L**] [−**P**] [−**r**] [−**7**] [−**E**] [−**p**] [−**t**] [−**T** [ ]]
[−**H** [ ]] [−**X** [*dpi*]] [−**Z**] . . .
man −**w**|−**W** [−**C**] [−**d**] [−**D**] . . .
man −**c** [−**C**] [−**d**] [−**D**] . . .
man [−**?V**]

man man man ("1 n l 8 3 2 3posix 3pm 3perl 3am 5 4 9 6 7" */etc/manpath.config* **SECTION**)

1   shell
2   ()
3   ()
4   (*/dev*)
5   */etc/passwd*
6
7   (**man**(7)**groff**(7))
8   (root)
9   [

 NAME, (SYNOPSIS), (CONFIGURATION), (DESCRIPTION), (OPTIONS), (EXIT STATUS),
(RETURN VALUE), (ERRORS), (ENVIRONMENT), (FILES), (VERSIONS),
(CONFORMING TO), (NOTES), (BUGS), (EXAMPLE), (AUTHORS), (SEE ALSO).

 (SYNOPSIS)

[−**abc**]   "[ ]" /
−**a**|−**b**   "|"
. . .
[ ] . . .   "[ ]"

 man

(pattern) **(SYNOPSIS)**

man *ls*
     () *ls*

man *man.7*
   7 *man*

man −a *intro*
   intro

man −t *alias | lpr −Pps*
   "*alias*"(shell) **troff groff** *ps* **groff** PostScript**man −−help −t**

man −l −T*dvi ./foo.1x.gz* **>** *./foo.1x.dvi*
   nroff *./foo.1x.gz* (**dvi**) **−T stdout xdvi dvips** PostScript

man −k *printf*
   printf **apropos** *printf***.**

man −f *smail*
   smail **whatis** *smail***.**

man

 man "catch all" $**MANOPTman** $**MANOPT** $**MANOPT −D** man ""$**MANOPT**

 man−db *whatis* () **man −u man** *whatis*

 man mandb whatis apropos *whatis*

 .Z, **.z .gz** nroff cat **gzip** "" */usr/share/man /usr/X11R6/man* cat cat man **File Hierarchy Standard (,
FHS) manpath**(5)

() *locale* $**LC_MESSAGES** $**LANG POSIX 1003.1**

<>[_<>[**.**<>[**,**<>]]]

 ()

()()

man   −u mandb() **mandb man**

"cat" nroff ()(**−P**) cat nroff nroff

 cat (cat)**man** cat

 −p $**MANROFFSEQ −p** nroff

'\" <>

  −p

(**nroff** [**tg**]**roff −t**) man *mandb_nfmt* (*mandb_tfmt* **−t**) **−T −E**

/ $**MANOPT**

−C , **−−config−file=**
         ˜/.manpath

−d, **−−debug**

−D, **−−default**
         man $**MANOPT −D**

−−warnings[=]
         groff "mac" **info groff** ""

−f, **−−whatis**
         whatis() **whatis**(1)

−k, **−−apropos**
         apropos apropos

−K, **−−global−apropos**
         ()(**−−regex**)

−l, **−−local−file**
         "" nroff cat "−" man man

−w, **−−where**, **−−path**, **−−location**
         nroff

−W, **−−where−cat**, **−−location−cat**
         cat −w −W

−c, **−−catman**
         catman

−R , **−−recode=**
         manconv(1)

−L , **−−locale=**
         man C **setlocale**(3) $**LC_MESSAGES** $**LANG man**

−m [,. . .] , **−−systems=** [,. . .]
         NewOS **−m NewOS**

         man $**SYSTEM**

−M , **−−manpath=**
         manpath **man manpath** $**SYSTEM**

         manpath man−db (""**)** **−l**

−S , **−s** , **−−sections=**
         "" $**MANSECT** (**−s** System V)

−e *sub−extension*, **−−extension=***sub−extension*
         Tcl () **exit**(3)**Tcl l** "(extension" **exit**(3tcl)**man exit**(3) **exit**(3tcl) **man** *sub−extension* **man −e tcl**
         *****tcl**

−i, **−−ignore−case**

−I, **−−match−case**

−−regex

　　　　apropos(1) "" **−a**

−−wildcard

　　　shell　**apropos**(1) **−−wildcard** "" **−a**

−−names−only

　　　−−regex −−wildcard whatis(1)

−a, **−−all**

　　　man man

−u, **−−update**

　　　man "inode " **man** setuid

−−no−subpages

　　　man

　　　$ man −aw git diff
　　　/usr/share/man/man1/git−diff.1.gz

　　　−−no−subpages

　　　$ man −aw −−no−subpages git diff
　　　/usr/share/man/man1/git.1.gz
　　　/usr/share/man/man3/Git.3pm.gz
　　　/usr/share/man/man1/diff.1.gz

−P , **−−pager=**

　　　man pager pager cat $**MANPAGER** $**PAGER −f −k**

　　　shell ()

−r , **−−prompt=**

　　　less man

　　　Manual page *name*(*sec*) **line** *x*

　　　name sec x $**LESS**

　　　−r $MAN_PN"("")"

　　　\ Manual\ page\ \$MAN_PN\ ?ltline\ %lt?L/%L.:
　　　byte\ %bB?s/%s..?\ (END):?pB\ %pB\\%..
　　　(press h for help or q to quit)

　　　less(1) shell $ less **man −ix8**

　　　$**MANLESS**

−7, **−−ascii**

　　　7 *ascii*(7) **GNU nroff** *latin1*(7) *ascii latin11 ascii latin1* **GNU nroff** *latin1*(7)

		latin1	ascii
	255	-	-
()	267	•	o
	264	´	,
	327	×	x

latin1 latin1 latin1 ascii **man** *latin1 latin1*

−t, **−H**, **−T**, **−Z GNU   nroff**

−E , **−−encoding=**
         nroff asciilatin1 utf8 UTF−8

−−no−hyphenation, **−−nh**
         nroff ()

         nroff nroff "\%""\%"

−−no−justification, **−−nj**
         nroff "ragged−right"()

         nroff nroff ".na"".nf"".fi"".ad"

−p , **−−preprocessor=**
         nroff troff/groff eqn (e), **grap (g)**, **pic (p)**, **tbl (t)**, **vgrind (v)**, **refer (r)** $MANROFFSEQ
         zsoelim

−t, **−−troff**
         %troff stdout **−H−T −Z**

−T[], **−−troff−device**[=]
         groff (**troff**) **−t**(Groff−1.17) **dvilatin1psutf8X75 X100**

−H[], **−−html**[=]
         groff HTML *browser* ()$**BROWSER** (**lynx**) **−t GNU troff**

−X[*dpi*], **−−gxditview**[=*dpi*]
         gxditview groff *dpi* (/) 7575−12100 100−12 75−12 12 X75X75−12X100 X100−12 **−T**

−Z, **−−ditroff**
         groff troff *%troff* **groff groff −t**

−?, **−−help**

−−usage

−V, **−−version**

0
1
2
3
16   *//*

MANPATH
> $**MANPATH**

MANROFFOPT
> $**MANROFFOPT man** (**nroff**, **troff groff**)

MANROFFSEQ
> $**MANROFFSEQ**

MANSECT
> $**MANSECT**()"1 n l 8 3 2 3posix 3pm 3perl 3am 5 4 9 6 7" */etc/manpath.config* **SECTION**

MANPAGER, **PAGER**
> $**MANPAGER $PAGER** ($**MANPAGER**) **pager pager cat**

>   shell ()

MANLESS
> $**MANLESS less −r** ($**MAN_PN**)"my prompt string" $**MANLESS** '−**Psmy prompt string**'
>   **−r**

BROWSER
> $**BROWSER**() **man −−html** *%s* **groff** HTML *%%* (%)%*c* (:)

SYSTEM
> $**SYSTEM −m**

MANOPT
> $**MANOPT man man** $**MANOPT**

MANWIDTH
> $**MANWIDTH**($**COLUMNS ioctl**(2) 80)Cat 66 80

MAN_KEEP_FORMATTING
>   () $**MAN_KEEP_FORMATTING man**

MAN_KEEP_STDERR
>   ()**groff** () $**MAN_KEEP_STDERR**

LANG, **LC_MESSAGES**
> $**LANG** / $**LC_MESSAGES man** () **setlocale**(3)

/etc/manpath.config
>   man−db

/usr/share/man

/usr/share/man/index.(bt|db|dir|pag)

/var/cache/man/index.(bt|db|dir|pag)
>   FHS

apropos(1), **groff**(1), **less**(1), **manpath**(1), **nroff**(1), **troff**(1), **whatis**(1), **zsoelim**(1), **setlocale**(3),
manpath(5), **ascii**(7), **latin1**(7), **man**(7), **catman**(8), **mandb**(8), man−db **FSSTND**

1990, 1991 – John W. Eaton (jwe@che.utexas.edu)

19921223: Rik Faith (faith@cs.unc.edu) Willem Kasdorp (wkasdo@nikhefk.nikef.nl) bug

1994430 – 2000223: Wilf. (G.Wilford@ee.surrey.ac.uk)

19961030 – 2001330: Fabrizio Polacco <fpolacco@debian.org> Debian

2001331 – : Colin Watson <cjwatson@debian.org> man−db