

NAME

nroff - format text

SYNOPSIS

nroff [*+n*] [*-n*] [*-nn*] [*-mx*] [*-s*] [*-h*] [*-q*] [*-i*] files

DESCRIPTION

Nroff formats text according to control lines embedded in the text files. *Nroff* will read the standard input if no file arguments are given. The non-file option arguments are interpreted as follows:

- +n* Output will commence at the first page whose page number is *n* or larger
- n* will cause printing to stop after page *n*.
- nn* First generated (not necessarily printed) page is given number *n*; simulates “.pn *n*”.
- mx* Prepends a standard macro file; simulates “.so /usr/lib/tmac.x”.
- s* Stop prior to each page to permit paper loading. Printing is restarted by typing a ‘new-line’ character.
- h* Spaces are replaced where possible with tabs to speed up output (or reduce the size of the output file).
- q* Prompt names for insertions are not printed and the bell character is sent instead; the insertion is not echoed.
- i* Causes the standard input to be read after the files.

FILES

/usr/lib/suftab	suffix hyphenation tables
/tmp/rtn?	temporary
/usr/lib/tmac.?	standard macro files

SEE ALSO

NROFF User's Manual (internal memorandum).
neqn (1)

BUGS

REQUEST REFERENCE AND INDEX

Request Form	Initial Value	If no Argument	Cause Break	Explanation
I. Page Control				
.pl +N	N=66	N=66	no	Page length.
.bp +N	N=1	-	yes	Begin page.
.pn +N	N=1	ignored	no	Page number.
.po +N	N=0	N=prev	no	Page offset.
.ne N	-	N=1	no	Need N lines.
.mk	none	-	no	Mark current line.
.rt	-	-	no	Return to marked line.
II. Text Filling, Adjusting, and Centering				
.br	-	-	yes	Break.
.fi	fill	-	yes	Fill output lines.
.nf	fill	-	yes	No filling and adjusting.
.ad c	adj,norm	adjust	no	Adjust mode on.
.na	adjust	-	no	No adjusting.
.ce N	off	N=1	yes	Center N input text lines.
III. Line Spacing and Blank Lines				
.ls +N	N=1	N=prev	no	Line Spacing.
.sp N	-	N=1	yes	Space N lines
.lv N	-	N=1	no	Save N lines
.sv N	-	N=1	no	"
.os	-	-	no	Output Saved lines.
.ns	space	-	no	No-Space mode on.
.rs	-	-	no	Restore spacing.
.xh	off	-	no	Extra-half-line mode on.
IV. Line Length and Indenting				
.ll +N	N=65	N=prev	no	Line length.
.in +N	N=0	N=prev	yes	Indent.
.ti +N	-	N=1	yes	Temporary indent.
V. Macros, Diversion, and Line Traps				
.de xx	-	ignored	no	Define or redefine a macro.
.am xx	-	ignored	no	Append to a macro.
.ds xx	-	ignored	no	Define or redefine string.
.as xx	-	ignored	no	Append to a string.
.rm xx	-	-	no	Remove macro name.
.di xx	-	end	no	Divert output to macro "xx".
.da xx	-	end	no	Divert and append to "xx".
.wh -N xx	-	-	no	When; set a line trap.
.ch -N -M	-	-	no	Change trap line.
.ch xx -M	-	-	no	"
VI. Number Registers				
.nr ab +N -M-		no		Number Register.
.nr a +N -M		no		"
.nc c	\n	\n	no	Number Character.
.ar	arabic	-	no	Arabic numbers.
.ro	arabic	-	no	Lower case roman numbers.
.RO	arabic	-	no	Upper case roman numbers.

VII. Input and Output Conventions and Character Translations

.ta N,M,...	-	none	no	Pseudotabs setting.
.tc c	space	space	no	Tab replacement character.
.lc c	.	.	no	Leader replacement character.
.ul n	-	N=1	no	Underline input text lines.
.cc c	.	.	no	Basic control character.
.c2 c	'	'	no	Nobreak control character.
.ec c	-	\	no	Escape character.
.li N	-	N=1	no	Accept input lines literally.
.tr abcd....	-	-	no	Translate on output.

VIII. Hyphenation.

.nh	on	-	no	No hyphenation.
.hy	on	-	no	Hyphenate.
.hc c	none	none	no	Hyphenation indicator character.

IX. Three Part Titles.

.tl 'left'center'right'	-	-	no	Title.
.lt N	N=65	N=prev	no	Length of title.

X. Output Line Numbering.

.nm +N M S I	-	off	no	Number mode on or off, set parameters.
.np M S I	-	reset	no	Number parameters set or reset.

XI. Conditional Input Line Acceptance

.if !N anything	-	-	no	If true accept line of "anything".
.if c anything-	-	no	no	"
.if !c anything	-	-	no	"
.if N anything	-	-	no	"

XII. Environment Switching.

.ev N	N=0	N=prev	no	Environment switched (pushed down).
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XIII. Insertions from the Standard Input Stream

.rd prompt	-	bell	no	Read insert.
.ex	-	-	no	Exit.

XIV. Input File Switching

.so filename	-	-	no	Switch source file (push down).
.nx filename	-	no	no	Next file.

XV. Miscellaneous

.tm mesg	-	-	no	Typewriter message
.ig	-	-	no	Ignore.
.fl	-	-	no	Flush output buffer.
.ab	-	-	no	Abort.