

**NAME**

nroff - format text

**SYNOPSIS**

**nroff** [ *+n* ] [ *-n* ] [ *-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*.
- s* Stop prior to each page to permit paper loading. Printing is restarted by typing a 'newline' 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.

*Nroff* is more completely described in [1]. A condensed Request Summary is included here.

**FILES**

/usr/lib/suftab	suffix hyphenation tables
/tmp/rtm?	temporary

**SEE ALSO**

[1] NROFF User's Manual, internal memorandum.

**BUGS**

## REQUEST REFERENCE AND INDEX

Request Form	Initial Value	If no Argument	Cause Break	Explanation
<b>I. Page Control</b>				
.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.
<b>II. Text Filling, Adjusting, and Centering</b>				
.br	-	-	yes	BReark.
.fi	fill	-	yes	FILL output lines.
.nf	fill	-	yes	NoFill.
.ad c	adj,norm	adjust	no	ADjust mode on.
.na	adjust	-	no	NoAdjust.
.ce N	off	N=1	yes	CEnter N input text lines.
<b>III. Line Spacing and Blank Lines</b>				
.ls +N	N=1	N=prev	no	Line Spacing.
.sp N	-	N=1	yes	SPace N lines
.lv N	-	N=1	no	LeaVe N lines
.sv N	-	N=1	no	SaVe N lines.
.os	-	-	no	Output Saved lines.
.ns	space	-	no	No-Space mode on.
.rs	-	-	no	Restore Spacing.
.xh	off	-	no	EXtra-Half-line mode on.
<b>IV. Line Length and Indenting</b>				
.ll +N	N=65	N=prev	no	Line Length.
.in +N	N=0	N=prev	yes	INdent.
.ti +N	-	N=1	yes	Temporary Indent.
<b>V. Macros, Diversion, and Line Traps</b>				
.de xx	-	ignored	no	DEfine or redefine a macro.
.ds xx	-	ignored	no	Define or redefine String.
.rm xx	-	-	no	ReMove macro name.
.di xx	-	end	no	DIvert output to macro "xx".
.wh -N xx	-	-	no	WHen; set a line trap.
.ch xx y	-	-	no	CHange trap line.
.ch -N -M	-	-	no	"
.ch xx -M	-	-	no	"
.ch -N y	-	-	no	"
<b>VI. Number Registers</b>				
.nr ab +N -M-	-	no	no	Number Register.
.nr a +N -M	-	no	no	"
.nc c	\n	\n	no	Number Character.
.ar	arabic	-	no	Arabic numbers.
.ro	arabic	-	no	Roman numbers.
.RO	arabic	-	no	ROMAN numbers.
<b>VII. Input and Output Conventions and Character Translations</b>				
.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 Hyphen.
.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.
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.