

NAME

nroff, troff – text formatters

SYNOPSIS

nroff (or **troff**) [options] files

DESCRIPTION

NROFF and TROFF accept lines of text interspersed with lines of format control information and format the text into a printable, paginated document having a user-designed style. NROFF and TROFF are highly compatible with each other and it is almost always possible to prepare input acceptable to both. Conditional input is provided that enables the user to embed input expressly destined for either program. NROFF can prepare output directly for a variety of terminal types and is capable of utilizing the full resolution of each terminal.

An argument consisting of a single minus (–) is taken to be a file name corresponding to the standard input. If no file names are given, input is taken from the standard input. The options, which may appear in any order so long as they appear before the filenames, are:

<i>Option</i>	<i>Effect</i>
–olist	Print only pages whose page numbers appear in <i>list</i> , which consists of numbers and number ranges separated by commas. A number range has the form <i>N–M</i> and means pages <i>N</i> through <i>M</i> inclusive; an initial <i>–N</i> means from the beginning to page <i>N</i> ; and a final <i>N–</i> means from <i>N</i> to the end.
–nN	Number first generated page <i>N</i> .
–sN	Stop every <i>N</i> pages. NROFF will halt prior to every <i>N</i> pages (default <i>N</i> =1) to allow paper loading or changing, and will resume upon receipt of a new-line character. TROFF will stop the phototypesetter every <i>N</i> pages, produce a trailer to allow the changing of cassettes, and will resume after the phototypesetter START button is pressed.
–mname	Prepends the macro file <i>/usr/lib/tmac.name</i> to the input files.
–raN	Register <i>a</i> (one-character name) is set to <i>N</i> .
–i	Read standard input after the input files are exhausted.
–q	Invoke the simultaneous input-output mode of the rd request.

NROFF Only

–Ttype	Specifies the output terminal type. Currently defined values for <i>type</i> are 37 for the (default) TELETYPE® Model 37, tn300 for the GE T ermiNet 300 (or any terminal without half-line capabilities), 300 for the DASI-300, 450 for the DASI-450 (or Diablo Hyterm) and 300S for the DASI-300S. For 12-pitch, use 300-12 , 300S-12 , and 450-12 .
–e	Produce equally-spaced words in adjusted lines, using full terminal resolution.
–h	Use output tabs during horizontal spacing to speed output and reduce output character count. Tab settings are assumed to be every 8 nominal character widths.

TROFF Only

–t	Direct output to the standard output instead of the phototypesetter.
–f	Refrain from feeding out paper and stopping phototypesetter at the end of the run.
–w	Wait until phototypesetter is available, if it is currently busy.
–b	TROFF will report whether the phototypesetter is busy or available. No text processing is done.

- a** Send a printable (ASCII) approximation of the results to the standard output.
- p N** Print all characters in point size N while retaining all prescribed spacings and motions, to reduce phototypesetter elapsed time.
- g** Prepare output for the Murray Hill Computation Center phototypesetter and direct it to the standard output.

FILES

/usr/lib/suftab	suffix hyphenation tables
/tmp/ta00000	temporary file
/usr/lib/tmac.*	standard macro files
/usr/lib/term/*	(NROFF only) terminal driving tables
/usr/lib/font/*	(TROFF only) font width tables

SEE ALSO

NROFF/TROFF User's Manual by J. F. Ossanna.

A TROFF Tutorial by B. W. Kernighan.

tbl(I).

For NROFF, see neqn(I), col(I), and tabs(I)

For TROFF, see eqn(I).