

NAME

nroff, *troff* — format or typeset text

SYNOPSIS

nroff [option] ... [file] ...
troff [option] ... [file] ...

DESCRIPTION

Nroff formats text in the named *files* (standard input by default) for printing on typewriter-like devices; similarly, *troff* formats text for a Wang-Graphic Systems, Inc. C/A/T phototypesetter. Their capabilities are described in the first manual cited below.

An argument consisting of a single minus (-) is taken to be a file name corresponding to the standard input. The options, which may appear in any order so long as they appear before the files, are:

- olist Print only pages whose page numbers appear in the comma-separated *list* of numbers and ranges. A range *N-M* means pages *N* through *M*; an initial *-N* means from the beginning to page *N*; and a final *N-* means from *N* to the end.
- n*N* Number first generated page *N*.
- s*N* Stop every *N* pages. *Nroff* will halt prior to every *N* pages (default *N*=1) to allow paper loading or changing, and will resume upon receipt of a new-line. *Troff* will stop the phototypesetter every *N* pages, produce a trailer to allow changing cassettes, and resume when the typesetter's start button is pressed.
- m*name* Prepend the macro file */usr/lib/tmac/tmac.name* to the input files.
- ra*N* Set register *a* (which has a one-character name) to *N*.
- i Read standard input after the input files are exhausted.
- q Invoke the simultaneous input-output mode of the *.rd* request.

Nroff only

- T*name* Prepare output for specified terminal. Known *names* are 37 for the (default) TELETYPE® Model 37 terminal, tn300 for the GE TermiNet 300 (or any terminal without half-line capability), 300s for the DASI 300s, 300 for the DASI 300, 450 for the DASI 450, and lp for a (generic) line printer.
- e Produce equally-spaced words in adjusted lines, using the full resolution of the particular terminal.
- 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 currently busy.
- b 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 (see *gcat(1C)*).

FILES

/usr/lib/suftab	suffix hyphenation tables
/tmp/ta\$#	temporary file
/usr/lib/tmac/tmac.*	standard macro file pointers
/usr/lib/macros/*	standard macro files
/usr/lib/term/*	terminal driving tables for <i>nroff</i>
/usr/lib/font/*	font width tables for <i>troff</i>

SEE ALSO

NROFF/TROFF User's Manual by J. F. Ossanna
A TROFF Tutorial by B. W. Kernighan
eqn(1), tbl(1),
col(1), mm(1) (*nroff* only)
gcat(1C), tc(1) (*troff* only).
nnroff(1)