NAME

    troff, nroff – text formatting and typesetting

SYNOPSIS

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

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

DESCRIPTION

    Troff formats text in the named *files* for printing on a Graphic Systems C/A/T phototypesetter; *nroff* for typewriter-like devices. Their capabilities are described in the *Nroff/Troff user's manual.*

    If no *file* argument is present, the standard input is read. 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:

    –**o***list*   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 newline. *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*.

    –**r***aN*   Set register *a* (one-character) 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 Corporation 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, and **450** for the DASI-450 (Diablo Hyterm).

    –**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 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 a GCOS phototypesetter and direct it to the standard output (see *gcat*(1)).

    If the file */usr/adm/tracct* is writable, *troff* keeps phototypesetter accounting records there. The integrity of that file may be secured by making *troff* a 'set user-id' program.

FILES

/usr/lib/suftab	suffix hyphenation tables
/tmp/ta*	temporary file
/usr/lib/tmac/tmac.*	standard macro files
/usr/lib/term/*	terminal driving tables for *nroff*
/usr/lib/font/*	font width tables for *troff*
/dev/cat	phototypesetter
/usr/adm/tracct	accounting statistics for /dev/cat

SEE ALSO

J. F. Ossanna, *Nroff/Troff user's manual*

B. W. Kernighan, *A TROFF Tutorial*

eqn(1), tbl(1)

col(1), tk(1) (*nroff* only)

tc(1), gcat(1) (*troff* only)