NAME
>   nroff − use groff to format documents for TTY devices

SYNOPSIS
>   **nroff** [**−CchipStUv**] [**−d***cs*] [**−M***dir*] [**−m***name*] [**−n***num*] [**−o***list*] [**−r***cn*] [**−T***name*] [**−W***warning*]
>   [**−w***warning*] [*file* . . .]
>
>   **nroff −−help**
>
>   **nroff −v**
>   **nroff −−version**

DESCRIPTION
>   *nroff* formats documents written in the *roff* (7) language for typewriter-like devices such as terminal emulators.
>
>   GNU *nroff* emulates the traditional Unix *nroff* command using *groff* (1). *nroff* generates output via *grotty*(1), *groff* 's TTY output device, which needs to know the character encoding scheme used by the terminal. Consequently, acceptable arguments to the **−T** option are **ascii**, **latin1**, **utf8**, and **cp1047**; any others are ignored. If neither the *GROFF_TYPESETTER* environment variable nor the **−T** command-line option (which overrides the environment variable) specifies a (valid) device, *nroff* consults the locale to select an appropriate output device. It first tries the *locale*(1) program, then checks several locale-related environment variables; see "ENVIRONMENT", below. If all of the foregoing fail, **−Tascii** is implied.
>
>   Whitespace is not permitted between an option and its argument. The **−h** and **−c** options are equivalent to *grotty*'s options **−h** (using tabs in the output) and **−c** (using the old output scheme instead of SGR escape sequences). The **−d**, **−C**, **−i**, **−M**, **−m**, **−n**, **−o**, **−r**, **−w**, and **−W** options have the effect described in *troff* (1). In addition, *nroff* ignores **−e**, **−q**, and **−s** (which are not implemented in *troff*). The options **−p** (pic), **−t** (tbl), **−S** (safer), and **−U** (unsafe) are passed to *groff* . **−v** and **−−version** show version information, while **−−help** displays a usage message; all exit afterward.

ENVIRONMENT
>   *GROFF_TYPESETTER*
>   specifies the default output device for *groff* .
>
>   *GROFF_BIN_PATH*
>   is a colon-separated list of directories in which to search for the *groff* executable before searching in *PATH* . If unset, */usr/bin* is used.
>
>   *LC_ALL*
>   *LC_CTYPE*
>   *LANG*
>   *LESSCHARSET*
>   are pattern-matched in this order for standard character encodings supported by *groff* in the event no **−T** option is given and *GROFF_TYPESETTER* is unset.

NOTES
>   Character definitions in the file */usr/share/groff/1.22.4/tmac/tty−char.tmac* are loaded to replace unrepresentable glyphs.

SEE ALSO
>   *groff* (1), *troff* (1), *grotty*(1), *locale*(1), *roff* (7)