
TR(1) User Commands TR(1)

NAME

tr - translate or delete characters

SYNOPSIS

tr [OPTION]... SET1 [SET2]

DESCRIPTION

Translate, squeeze, and/or delete characters from standard input, writing to standard output.

-c, -C, --complement
first complement SET1

-d, --delete
delete characters in SET1, do not translate

-s, --squeeze-repeats
replace each input sequence of a repeated character that is listed in SET1 with a single occurrence of that character

-t, --truncate-set1
first truncate SET1 to length of SET2

--help display this help and exit

--version
output version information and exit

SETs are specified as strings of characters. Most represent themselves. Interpreted sequences are:

\NNN character with octal value NNN (1 to 3 octal digits)

\\ backslash

\a audible BEL

\b backspace

\f form feed

\n new line

\r return

\t horizontal tab

\v vertical tab

CHAR1-CHAR2
all characters from CHAR1 to CHAR2 in ascending order

[CHAR*]
in SET2, copies of CHAR until length of SET1

[CHAR*REPEAT]
REPEAT copies of CHAR, REPEAT octal if starting with 0

[:alnum:]
all letters and digits

[:alpha:]
all letters

[:blank:]
all horizontal whitespace

[:cntrl:]
all control characters

[:digit:]
all digits

[:graph:]
all printable characters, not including space

`[:lower:]`
all lower case letters

`[:print:]`
all printable characters, including space

`[:punct:]`
all punctuation characters

`[:space:]`
all horizontal or vertical whitespace

`[:upper:]`
all upper case letters

`[:xdigit:]`
all hexadecimal digits

`[=CHAR=]`
all characters which are equivalent to CHAR

Translation occurs if `-d` is not given and both SET1 and SET2 appear. `-t` may be used only when translating. SET2 is extended to length of SET1 by repeating its last character as necessary. Excess characters of SET2 are ignored. Only `[:lower:]` and `[:upper:]` are guaranteed to expand in ascending order; used in SET2 while translating, they may only be used in pairs to specify case conversion. `-s` uses SET1 if not translating nor deleting; else squeezing uses SET2 and occurs after translation or deletion.

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REPORTING BUGS

Report bugs to [<bug-coreutils@gnu.org>](mailto:bug-coreutils@gnu.org).

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SEE ALSO

The full documentation for `tr` is maintained as a Texinfo manual. If the `info` and `tr` programs are properly installed at your site, the command

`info tr`

should give you access to the complete manual.

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