



Linux Ubuntu 26.04 Manual Pages on command 'gnutr.1'

\$ man gnutr.1

TR(1)

User Commands

TR(1)

NAME

tr - translate or delete characters

SYNOPSIS

tr [OPTION]... STRING1 [STRING2]

DESCRIPTION

Translate, squeeze, and/or delete characters from standard input, writing to standard out?

put. STRING1 and STRING2 specify arrays of characters ARRAY1 and ARRAY2 that control the action.

-c, -C, --complement

use the complement of ARRAY1

-d, --delete

delete characters in ARRAY1, do not translate

-s, --squeeze-repeats

replace each sequence of a repeated character that is listed in the last specified

ARRAY, with a single occurrence of that character

-t, --truncate-set1

first truncate ARRAY1 to length of ARRAY2

--help display this help and exit

--version

output version information and exit

ARRAYs are specified as strings of characters. Most represent themselves. Interpreted se?

quences 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 ARRAY2, copies of CHAR until length of ARRAY1

[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 STRING1 and STRING2 appear. -t is only significant when translating. ARRAY2 is extended to length of ARRAY1 by repeating its last character as necessary. Excess characters of ARRAY2 are ignored. Character classes expand in unspecified order; while translating, [[:lower:]] and [[:upper:]] may be used in pairs to specify case conversion. Squeezing occurs after translation or deletion.

BUGS

Full support is available only for safe single-byte locales, in which every possible input byte represents a single character. The C locale is safe in GNU systems, so you can avoid this issue in the shell by running LC_ALL=C tr instead of plain tr.

AUTHOR

Written by Jim Meyering.

REPORTING BUGS

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report any translation bugs to <<https://translationproject.org/team/>>

SEE ALSO

Full documentation <<https://www.gnu.org/software/coreutils/tr>>

or available locally via: info '(coreutils) tr invocation'

Packaged by Ubuntu (9.7-3ubuntu2)

Copyright ? 2025 Free Software Foundation, Inc.

License GPLv3+: GNU GPL version 3 or later <<https://gnu.org/licenses/gpl.html>>.

This is free software: you are free to change and redistribute it.

There is NO WARRANTY, to the extent permitted by law.