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, writ-
       ing 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 them-
       selves. 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.

AUTHOR

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REPORTING BUGS

    Report bugs to <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 com-
    mand

        info tr

    should give you access to the complete manual.

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