NAME

transform – apply geometric transformations to the input.

SYNOPSIS

transform [*OPTIONS*] < *file.gts*

DESCRIPTION

This manual page documents briefly the **transform** command.

OPTIONS

This program follow the usual GNU command line syntax, with long options starting with two dashes ('-').
A summary of options is included below.

−r *ANGLE*, **−−rx**=*ANGLE*
> Rotate around x-axis (*ANGLE* in degrees).

−m *ANGLE*, **−−ry**=*ANGLE*
> Rotate around y-axis.

−m *ANGLE*, **−−rz**=*ANGLE*
> Rotate around z-axis.

−s *FACTOR*, **−−scale**=*FACTOR*
> Scale by *FACTOR*.

−R *FACTOR*, **−−sx**=*FACTOR*
> Scale x-axis by *FACTOR*.

−M *FACTOR*, **−−sy**=*FACTOR*
> Scale y-axis by *FACTOR*.

−N *FACTOR*, **−−sz**=*FACTOR*
> Scale z-axis by *FACTOR*.

−t *V*, **−−tx**=*V*
> Translate of *V* along x-axis.

−u *V*, **−−ty**=*V*
> Translate of *V* along y-axis.

−w *V*, **−−tz**=*V*
> Translate of *V* along z-axis.

−i, **−−revert**
> Turn surface inside out.

−o, **−−normalize**
> Fit the resulting surface in a cube of size 1 centered at the origin.

−v, **−−verbose**
> Print statistics about the surface.

−h, **−−help**
> Display the help and exit.

AUTHOR

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This manual page was written by Ruben Molina <rmolina@udea.edu.co>, for the Debian project (but may
be used by others).