NAME

gts2oogl − converts a GTS file to OOGL file format (Geomview).

SYNOPSIS

gts2oogl [*OPTIONS*] < *input.srf* > *output.oogl*

DESCRIPTION

This manual page documents briefly the **gts2oogl** 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.

−G, **−−gnuplot**
Writes isolines in gnuplot format.

−−component
Color faces according to the component they belong too.

−−quality
Color faces according to their quality.

−−area Color faces according to their area.

−−incomp
Color incompatible faces.

−f *VAL*, **−−fold=***VAL*
Color faces which make an angle smaller than *VAL* degrees with any of their neighbors.

−t, **−−faces**
Output individual faces.

−−epv Color vertices according to number of edges per vertex.

−H *C*, **−−height=***C*
Color vertices according to their*C* coordinate.

−g, **−−gaussian**
Color vertices according to Gaussian curvature.

−C, **−−curvature**
Color vertices according to mean curvature.

−−boundary
Output boundary edges.

−e *A*, **−−feature=***A*
Output ‘feature’ edges defined by angle *A*.

−−non-manifold
Output non-manifold edges.

−−duplicate
Output duplicate edges.

−i *N*, **−−isolines=***N*
Draw *N* isolines (levels of constant altitude).

−I *L*, **−−isolines=***L*
Draw isoline at level *L*.

−−cmap=*FILE*
Load *FILE* as colormap.

−m *VAL*, **−−min**=*VAL*
Use *VAL* as minimum scaling value.

−M *VAL*, **−−max**=*VAL*
Use *VAL* as maximum scaling value.

−r, **−−reverse**
Reverse colormap.

−n, **−−nosurface**
Do not output surface.

−F *C*, **−−flatten**=*C*
Set *C* coordinate to average value.

−v, **−−verbose**
Display surface statistics.

−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).