NAME

delaunay − constructs the constrained Delaunay triangulation of the input

SYNOPSIS

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

DESCRIPTION

This manual page documents briefly the **delaunay** command. This command constructs the constrained Delaunay triangulation of the input

OPTIONS

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

−b, **−−hull**
Do not keep convex hull.

−e, **−−noconst**
Do not add constrained edges.

−S, **−−split**
Split constraints (experimental).

−H, **−−holes**
Remove holes from the triangulation.

−d, **−−duplicates**
Remove duplicate vertices.

−r, **−−randomize**
Shuffle input vertex list.

−c, **−−check**
Check Delaunay property.

−f *FNAME*, **−−files=***FNAME*
Generate evolution files.

−o, **−−conform**
Generate conforming triangulation.

−s *N*, **−−steiner=***N*
Maximum number of Steiner points for conforming triangulation (default is no limit).

−q *Q*, **−−quality=***Q*
Set the minimum acceptable face quality.

−a *A*, **−−area=***A*
Set the maximum acceptable face area.

−v, **−−verbose**
Print statistics about the triangulation.

−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).