NAME

happrox − returns a simplified triangulation of a set of points using algorithm III of Garland and Heckbert (1995).

SYNOPSIS

happrox [*OPTIONS*] < [*input.pgm|input*] > *output.gts*

DESCRIPTION

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

−n *N*, **−−number=***N*
> Stop the refinement process if the number of vertices is larger than *N*.

−c *C*, **−−cost=***C*
> Stop the refinement process if the cost of insertion of a vertex is smaller than *C*.

−f, **−−flat**
> Input is a flat file with three x,y,z columns (default is PGM file).

−r *Z*, **−−relative=***Z*
> Use relative height cost for all heights larger than *Z*.

−k, **−−keep**
> Keep enclosing triangle.

−C, **−−closed**
> Close the surface.

−l, **−−log**
> Log evolution of cost.

−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).