NAME

nuages − A shell script for using the reconstruction tools

SYNOPSIS

nuages *cnt_file* [**−tri** *surface−output*] [**−obj**] [**−off**] [**−dxf**] [**−act**] [**−idx**] [**−vera**] [**−tetra** *tetra−output*] [**−pixel**] [**−no_int**] [**−name** *string*] [**−s_hdr** *string*] [**−t_hdr** *string*] [**−popt** *options*] [**−ropt** *options*] [**−r2vopt** *options*] [**−r2topt** *options*] [**−v**]

DESCRIPTION

nuages is a shell script that calls the reconstruction tools *prepros(1), repros(1), repros2visu(1) and repros2tetra(1).*

OPTIONS

cnt_file Contour input. See *prepros(1)* for a format description.

−tri *surface−output*
output of surface triangles and interpolated normals for Gouraud shading. See *repros2visu(1)* for a format description.

−obj output of surface triangles in wavefront .obj format (default). See *repros2visu(1).*

−off output of surface triangles in OFF format. See *repros2visu(1).*

−off output of surface triangles in autocad DXF format. See *repros2visu(1).*

−idx output of surface triangles in index format. See *repros2visu(1).*

−act output of surface triangles in act format. See *repros2visu(1).*

−vera output of surface triangles in vera format. See *repros2visu(1).*

−tetra *tetra−output*
output of tetrahedra. See *repros2tetra(1).*

−pixel Reduce pixel-contour vertices. See *prepros(1).*

−no_int Do not insert vertices inside the contours.

−name *string* Set the group or object name to *string* in obj or act format.

−s_hdr *string* The string is included as the first line in the surface output.

−t_hdr *string* The string is included as the first line in the tetrahedra output.

−popt *options* Options passed to *prepros(1)*

−ropt *options* Options passed to *repros(1)*

−r2vopt *options* Options passed to *repros2visu(1)*

−r2topt *options* Options passed to *repros2tetra(1)*

−v Interactive mode. You are asked for various options, like pixel-contours, internal vertices or horizontal triangles to delete.

SEE ALSO

prepros(1), repros(1), repros2visu(1), repros2tetra(1)

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