

PLY_IO

PLY (Polygon) Files

Read and Write Utilities

PLY_IO is a C library which reads and writes files in the PLY format, for objects described as collections of polygons, by Greg Turk.

Languages:

PLY_IO is available in [a C version](#) and [a MATLAB version](#).

Related Data and Programs:

[OBJ TO PLY](#), a C program which converts an OBJ file to a PLY file.

[PLATO PLY](#), a C program which writes out any of the five Platonic solids as a PLY file.

[PLY](#), a data directory which contains some information about the PLY format.

[PLY_DISPLAY](#), a MATLAB program which displays an image of a 3D graphics file in PLY format;

[PLY TO IV](#), a C program which converts a PLY file to an Inventor file.

[PLY TO OBJ](#), a C program which reads a PLY 3D graphics file and writes an equivalent OBJ graphics file.

[PLY TO TRI SURFACE](#), a MATLAB program which can read a PLY file, extract the polygonal surface information, and return it as a TRI_SURFACE dataset.

[TRI SURFACE TO PLY](#), a MATLAB program which converts a TRI_SURFACE data structure into a PLY data structure.

Author:

Greg Turk

Source Code:

- [ply_io.c](#), the source code;
- [ply_io.h](#), the include file;
- [ply_io.sh](#), commands to compile the source code;

You can go up one level to [the C source codes](#).

Last revised on 19 September 2010.