

Hi,

some progress here :

- Added polylines, which can contain almost any sort of curves
- Added ellipses and elliptic arcs
- Added offset command, by now only for simple types (still not for polylines... quite complex)
- Added rotate and extrude commands
- Added solids sectioning by planes
- Made boolean operations on solids much more robust and clean; now most solids cut in parts and re-joined are identical to original
- some other improvements I forgot

NOTE : Embedded materials are from now NOT embedded automatically in new drawing, as the file size can grow with the images.

If you want to use them, just issue the commandline command DEFAULTMATERIALS and all material set will be loaded in current drawing and ready to use.

The application can be downloaded as usual here :

<http://www.timberstruct.it/UppCad.exe> for windows

<http://www.timberstruct.it/UppCad> for ubuntu linux 64 bit

Here a sample image of an extruded polyline composed of an elliptic and a circular arc, with an hole made from an offset ellipse.

Ciao

Max

File Attachments

1) [EllipticalSolid.png](#), downloaded 1821 times

