Subject: Help with Cad to Shapeways Workflow
Posted by bcdal on Sat, 07 Apr 2012 00:09:11 GMT
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I am trying to create a 3D shape to uplaod to shapeways. I am comfortable drawing in Microstation, so I started to compile the shape there. Now I am would like to determine the best way to get from .dgn format to something shapeways can print.

The attached .dgn is in progress, and just the beginning of the part I am trying to "machine". I wanted to pause and see if I could have some success transitioning to shapeways before I proceed much further using cad as my design platform.

Any advice?

Thanks in advance.

File Attachments

1) Tab3d.dgn, downloaded 29 times

Subject: Re: Help with Cad to Shapeways Workflow
Posted by damocles on Sat, 07 Apr 2012 02:42:02 GMT
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It looks like .DGN is the program's CAD format. You need to export a (supported) mesh format. The Microstation help docs claim that you should be able to save to STL, which is good for anything except Color Sandstone.

Quote:After selecting an element (or selection set), opens the Save As Stereolithography File dialog. By default, Files of type is set to STL files (*.stl). The controls in this dialog are analogous to those in the Save As dialog

Clicking Save opens the Export STL dialog, which is used to adjust the settings for exporting the STL file.

This item is dimmed if the active model is not 3D.