

SAYRE AREA SCHOOL DISTRICT TECHNOLOGY TIPS

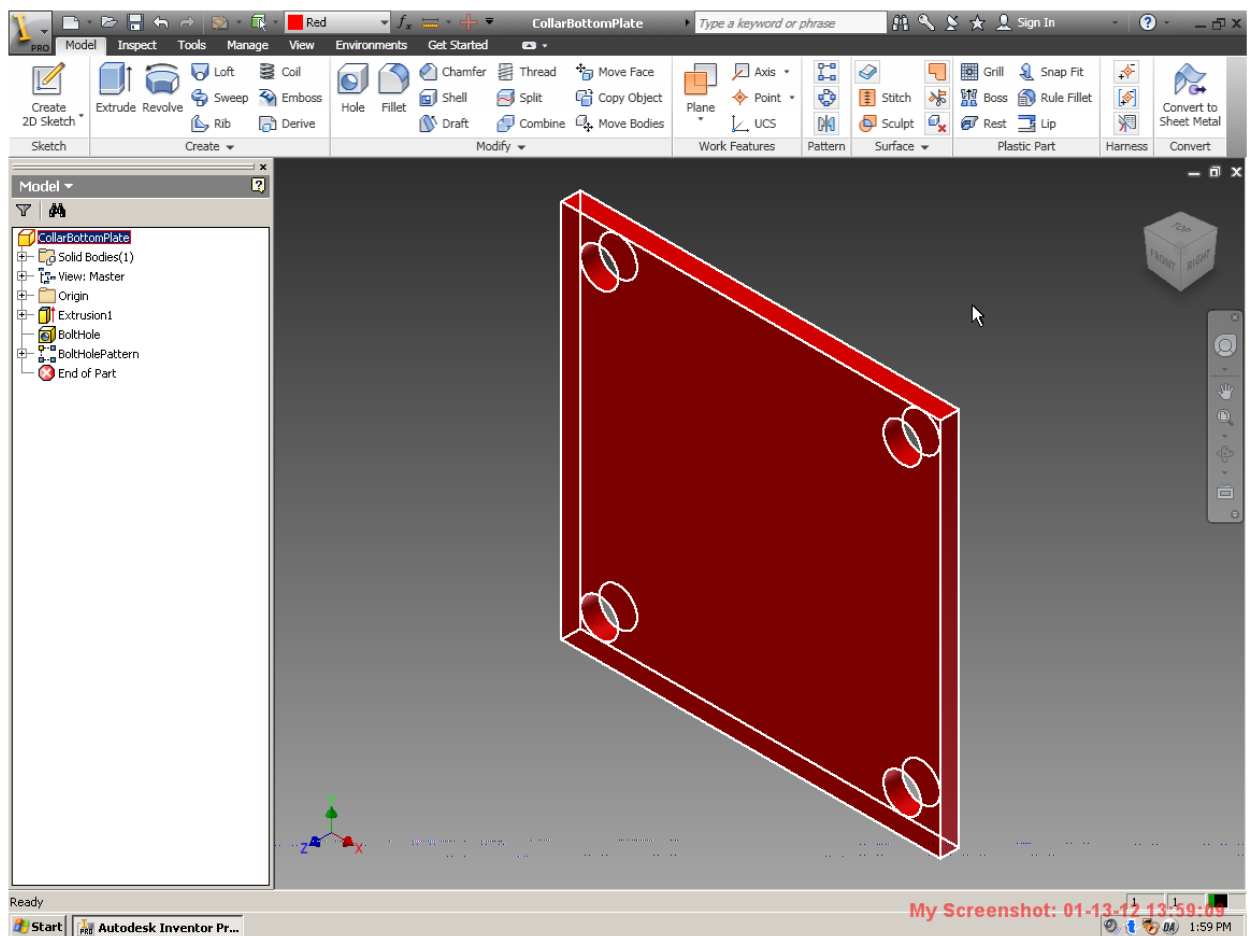
Exporting From Inventor to an STL File

Purpose

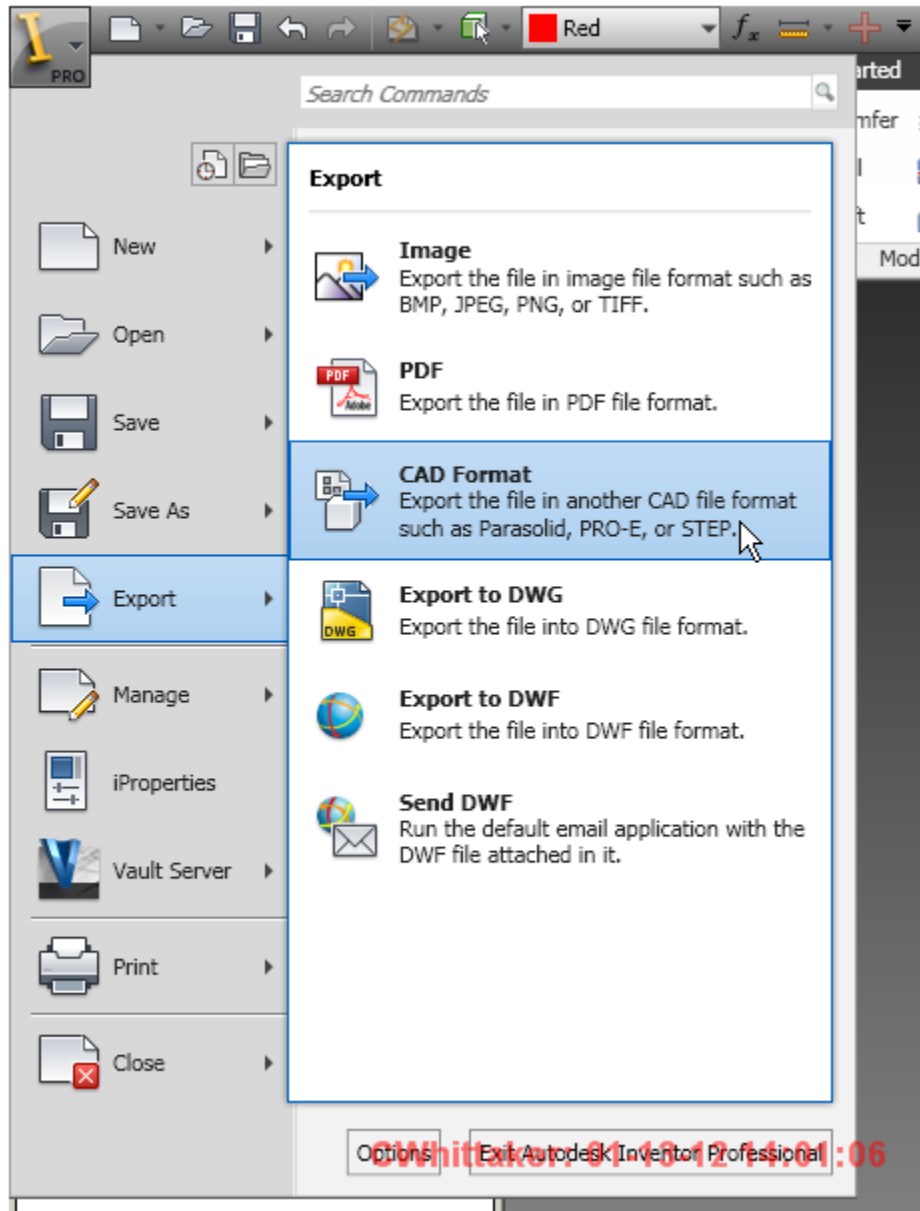
1. In this document we will go over how to take you AutoCAD creations (projects) and export them as an STL file so that they can then be converted to a BFB, which is inputted to the 3D Printer itself (Therefore eliminating some software and steps).

Procedure

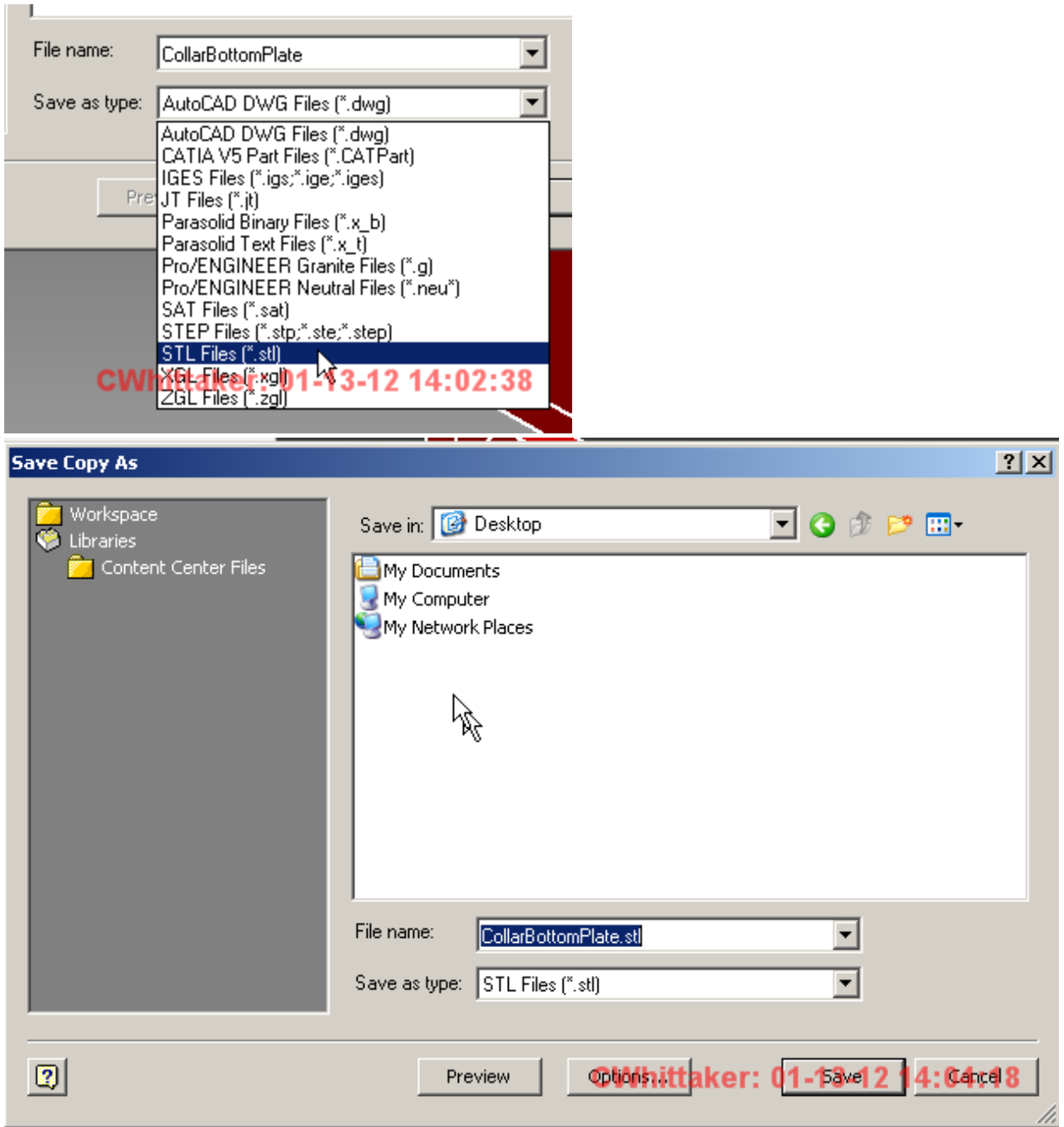
1. Once you have your 2-D or 3-D project open inside of the Inventor program your screen should look similar to below (with exception of a different drawing):



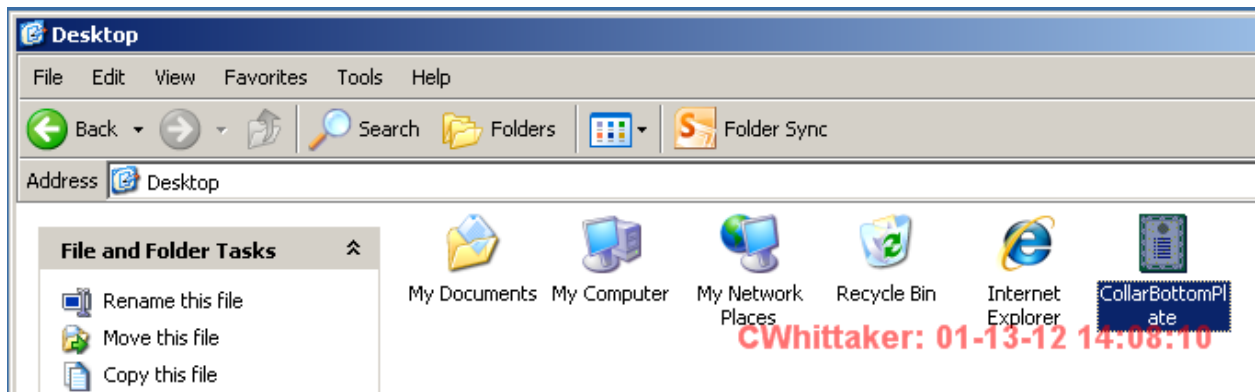
2. Select the Inventor **File Icon** and go to **Export** and select **CAD Format**:



3. Select the location that you wish to store you file (preferable to your My Documents folder). You need to make your you change the **Save as type** field to be 'STL Files (*.stl)'. Check/remember the name and other important information about your file, you will need to import this file later. Then click **Save**.



4. Now if you check your selected 'Save in' folder you should see the .STL there:



5. You are now ready to use your .STL file in the BFB Axon Program, please refer to the following document from our website under Tech Tips:
<http://www.sayresd.org/Tech/TechTips/3D Printing/Exporting From Inventor to an STL File.pdf>