How To Create and Author a U3D file using Deep Exploration and Adobe Acrobat Professional 7.0

This document explains how to:

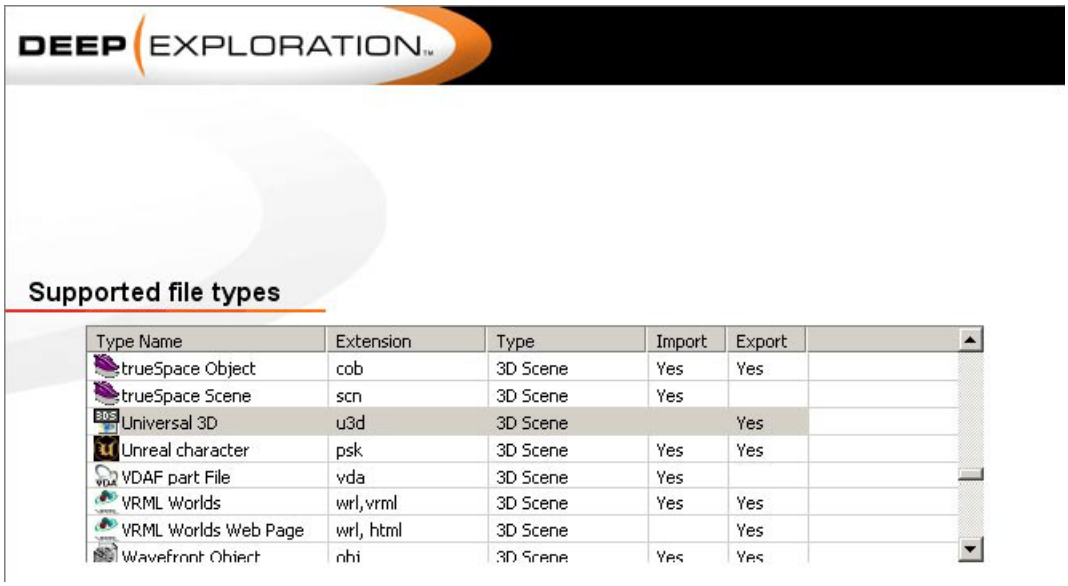
- Import a CAD file using Deep Exploration
- Save the CAD files as a U3D from Deep Exploration.
- Author the U3D file into Adobe Acrobat Professional 7.0

Software Requirements:

- Deep Exploration
- CADTools Module
- Optional – CAD Module
- Adobe Acrobat Professional 7 .0

DEEP EXPLORATION
Import a CAD file to Deep Exploration and Save as a U3D:

1. Launch Deep Exploration



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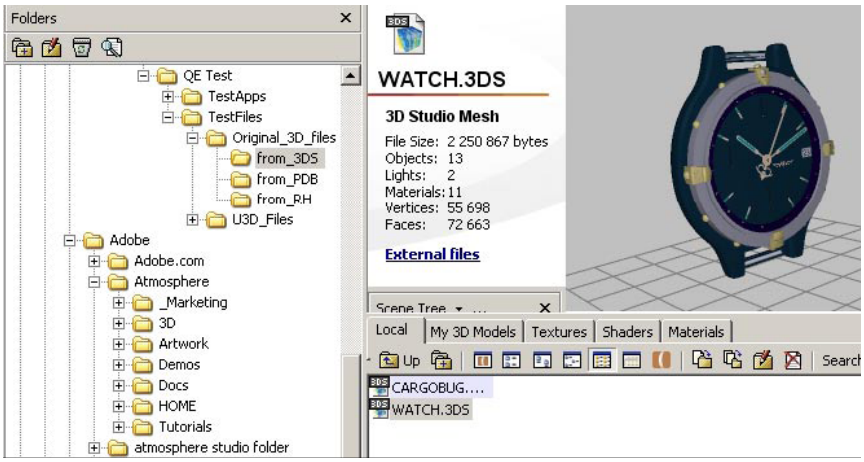
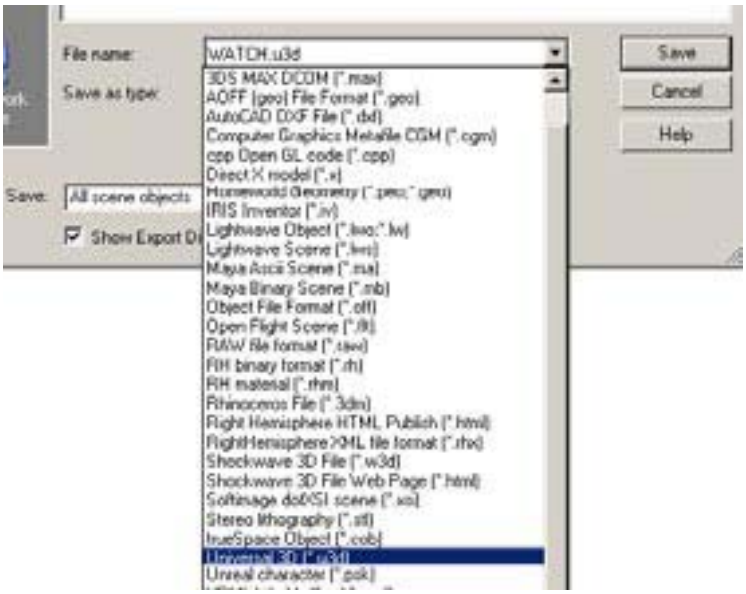
2. Navigate to where you have stored 3D files.
3. Select a file from Deep Explorations explorer view.



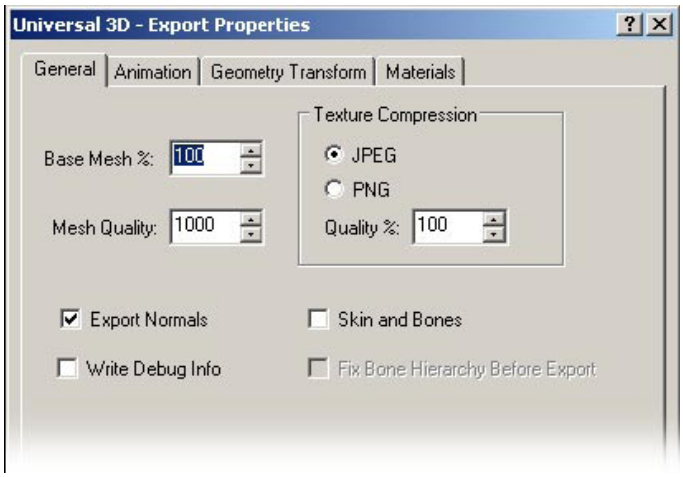
4. Select the Save/Export File button on the ToolBar .



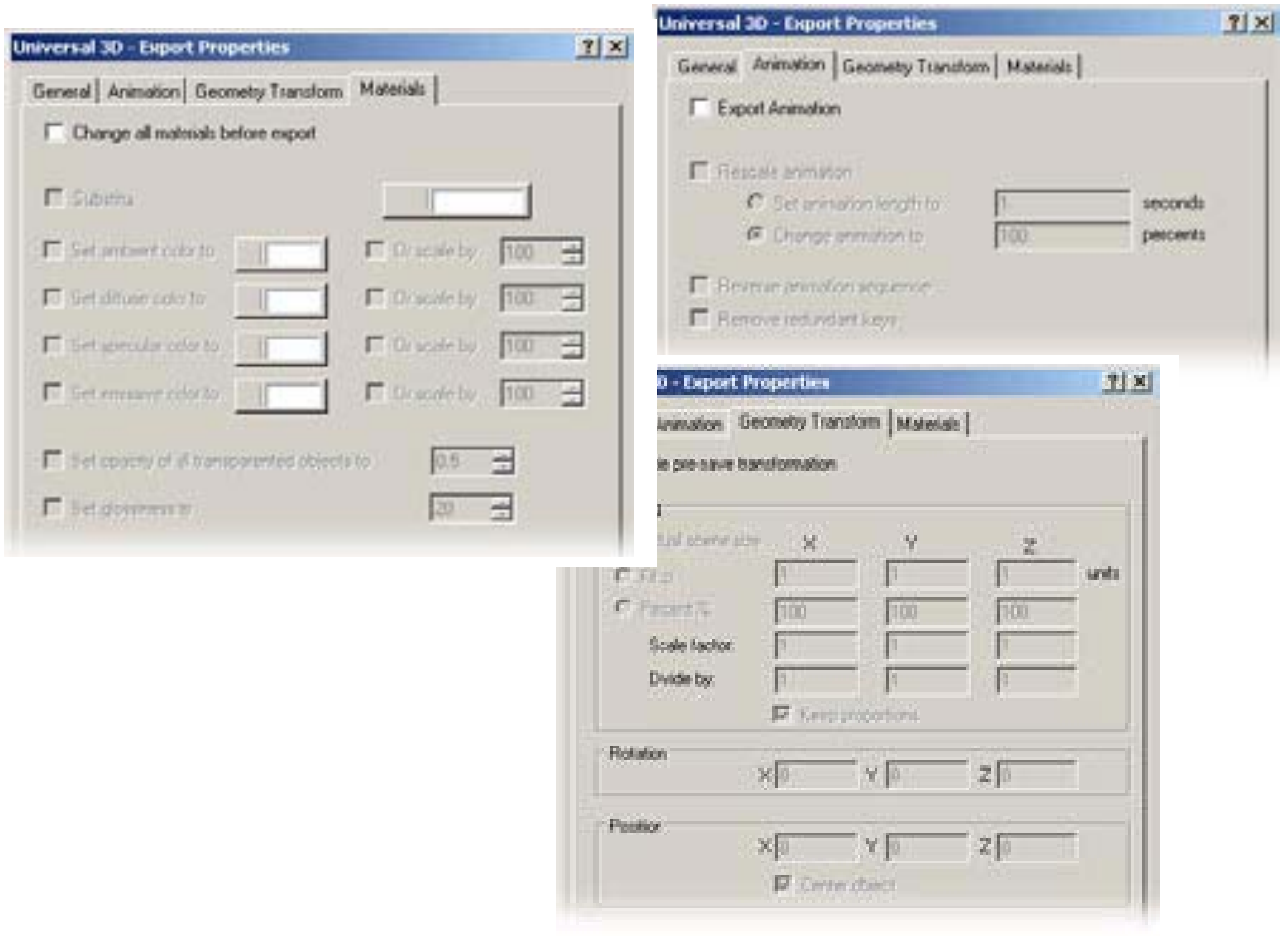
5. Select where to Save your 3D file and select the U3D (Universal 3D) format.



6. The Default settings are:



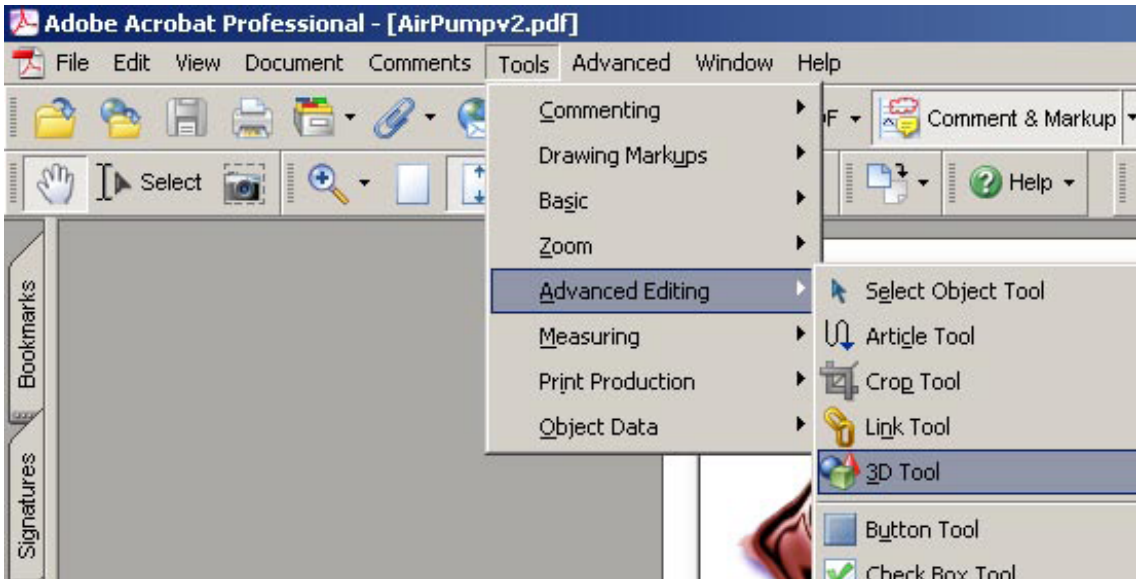
Note: Animation, Geometry Transformation, and Materials are not checked by Default.



7. Select OK to Save, you're done!

How to Add the U3D files to an Acrobat Document:

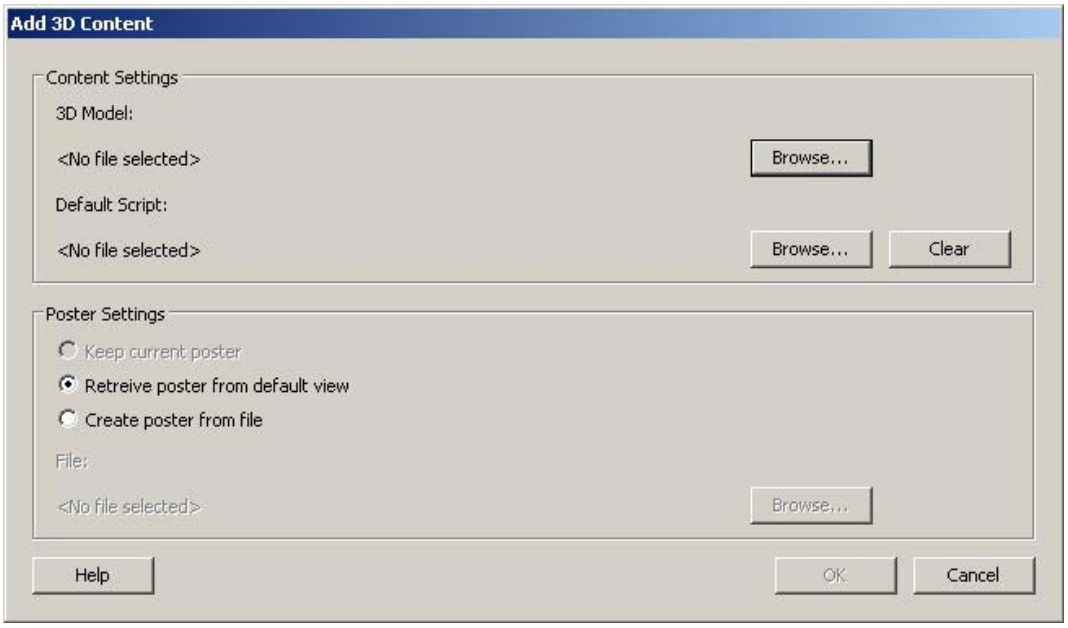
1. Install Adobe Acrobat Professional 7.0 and start application.
2. Choose File, Open to open a PDF document.
3. To Add a 3D File you will need the Advanced Editing tools. From the Acrobat menu select Tools/Advanced Editing/3D Tool.



4. Click and Drag an area of where you want the 3D object to appear.



5. After you Click and Drag, a dialog box will come up asking you to locate the U3D file and (optional) Default Javascript. You do not have to add a default Javascript to load a 3D object.



For your poster file (image) you may choose to use the default camera view in the 3D file or create your own poster frame (using something like Adobe Photoshop).

Select OK when you are done.

7. Activate the PDF document by clicking the Hand Tool.
8. Click on the 3D object, it should open - and you have just added 3D in a PDF!

