

I-DEAS® Data Translator, VRML Annotation

for exporting solid models from I-DEAS® to VRML with enhanced viewing features

The I-DEAS® Data Translator, VRML Annotation is used to export solid models from I-DEAS software to the Virtual Reality Modeling Language (VRML) 2.0 format. The model is viewed in the VRML world with a Web browser. I-DEAS parts and assemblies can be exported as VRML models. The I-DEAS Data Translator, VRML Annotation is a uni-directional translation from I-DEAS to the VRML data format.

Enhanced Viewing

The VRML translator that is standard with I-DEAS software provides translation to VRML and basic viewing features in the VRML world. The VRML Enhanced translator provides extended viewing features that are specific to the model and are in addition to the features provided with your browser VRML plug-in.

The additional viewing features provided with the VRML Enhanced translator enable you to provide a more flexible and content-enhanced viewing environment for the user. The additional viewing features include:

- View the model as a wireframe.
- View notes created from the annotation panel.
- View key (or driving) dimensions created from the annotation panel.
- Hide notes and dimensions for a clearer view of the model.
- Change the size of displayed text.
- Render parts transparent to see through to interior or hidden parts.
- Click on hyperlinked notes or parts of the model to link to web pages or other files.

User Interface

The translator is accessed directly from within I-DEAS via the File, Export menu in the Design and Simulation applications.

You can create rich content models by providing hyperlinks from parts of the VRML model to specified URLs. You can link any type of file such as audio, video, or text to the model. The method for providing these hyperlinks is via notes. I-DEAS provides an accurate WYSIWYG (what you see is what you get) view of the model such that the graphics window is a preview of the VRML output.

Prerequisite

Core Master Modeler
-or-
I-DEAS Product Design Package
-or-
I-DEAS Artisan™ Package

For More Information

For more information, contact your local SDRC representative or call 1-800-848-7372.