

Import/Export Module

General Information

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IGES files

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Exporting

v1.5 files

Dimensions files

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EIAS—FACT files

EPSF files

VersaCAD files

VIDIPublic files

Wavefront files

General Information

Import/Export Module Files

There are three (3) files and one (1) folder which you must have in the same folder as the ModelPro application for the Import/Export module to operate properly: files—V3.0 I/O, GoIO-a, GoIO-b; folder—ModulesIO. The sub-application V3.0 I/O is accessed by ModelPro via GoIO-a and GoIO-b. The ModulesIO folder files are accessed by the V3.0 I/O sub-application.

Do not launch the V3.0 I/O, GoIO-a, nor GoIO-b independent of ModelPro. You must use ModelPro v3.0.3 or later, to use either import or export.

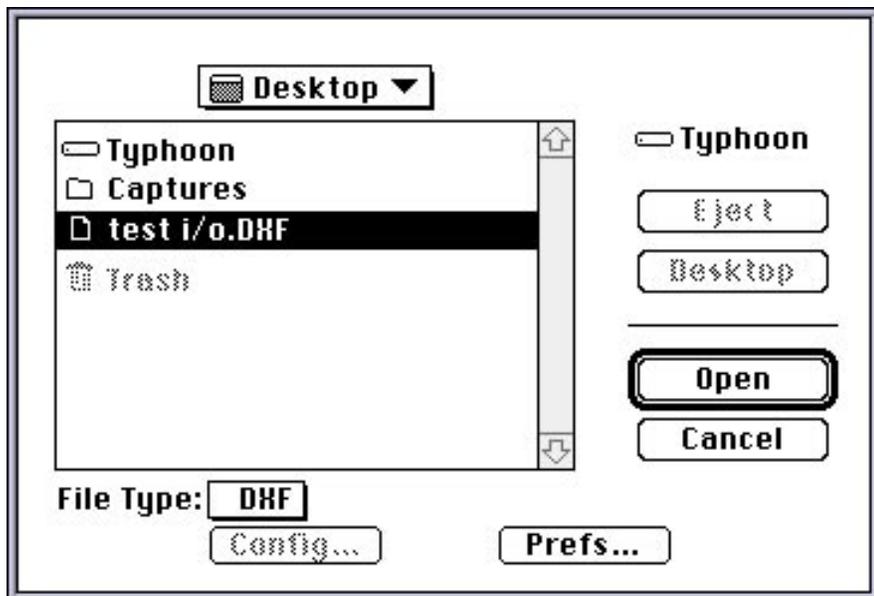
Presenter does not use this import/export module.

Importing Files

To Import a foreign (non-Presenter Professional 3.0.x) file:

- 1) Open a ModelPro (or Presenter) file, using the ModelPro 3.0.3 (or later) application program.
- 2) Select Import from the File Menu.

ModelPro will exit to the Import/Export module, and present you with a standard Open dialog box.



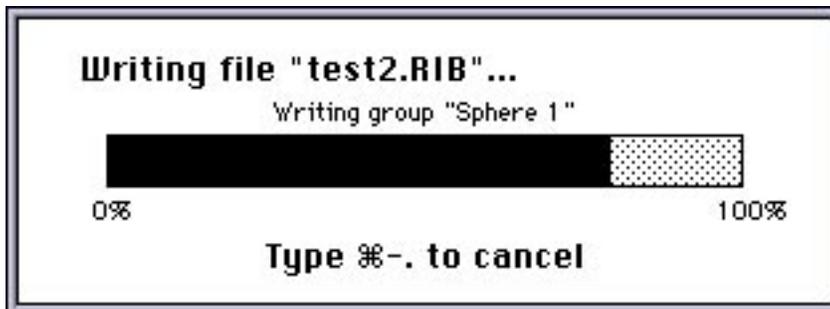
To Import a foreign file (continued)

- 3) From the File Type pull-down menu, choose the type of file you wish to import; locate and select the file you wish to import, then click the Open button.

The Import/Export module will display a progress chart as the file conversion is made and will then exit back to ModelPro. The converted items from the foreign file will be inserted into the v3.0 file which is open from step 1.

File Type:

**v1.5 Model File
Cyberware
Dimensions Design
DXF
ElectricImage™ FACT
EPSF
IGES
PICT or PICT3D
Postscript Font
Super3D Text
VersaCAD
VIDI Public**



- 4) If you wish to fine-tune the manner in which the file is converted, prior to clicking the Open button, click on the "Config..." button in the Open dialog box to access the special configuration options (shown on the following pages) for the selected file type.

File Conversion Options

On Input

Expand Inserts into separate groups
 Convert Inserts into Library References

On Output

Spline Breakup

2 3 4 5 6 7 8 15 20

Spline Surface Breakup

2 3 4 5 6 7 8 15 20

Write Invisible Groups
 Create groups for unsupported elements

ModelPro v1.5 file type

EPSF Configuration

On Output

2D File View: Top (X x Z) Top Skew
 Front (X x Y) Front Skew
 Right (Y x Z) Right Skew

EPSF file type

Dimensions Configuration

On Input

Skip hidden groups

On Output

Output File Format: Dimensions 1.18
 Design 2.0

Dimensions file type

VersaCAD Module Configuration

On Input

Read Solids as Surfaces (Render)
 Read Solids as Lines (wire-frame)

VersaCAD file type

To Import a PostScript Font

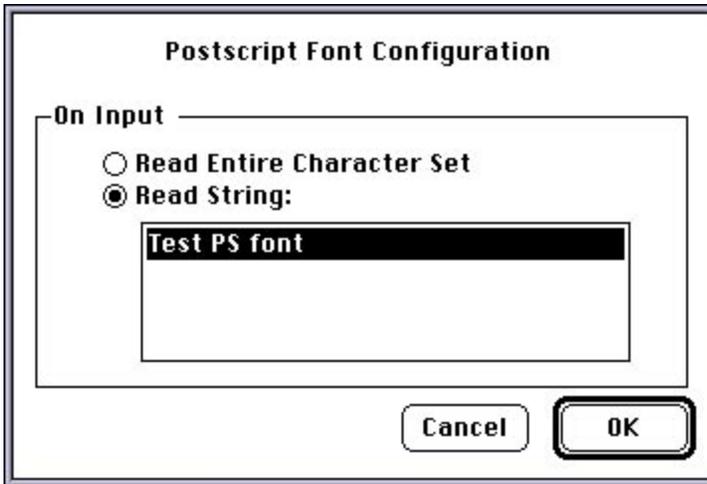
- 1) Choose to "Read Entire Character Set," or to "Read String."

If you choose to Read String, then enter the desired text in the data field below.

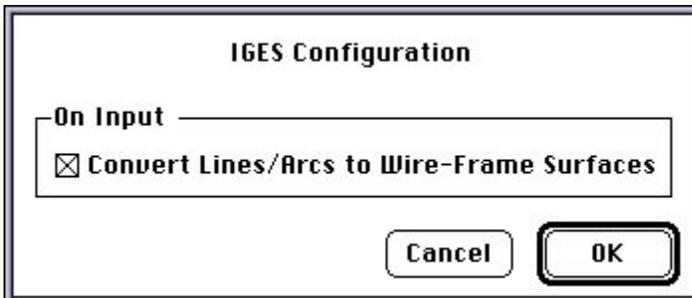
- 2) Click the OK button.

This will exit the Config dialog box back to the Open dialog box.

- 3) Locate and select the desired screen font on your hard drive, then click on the Open button.



PostScript Font file type



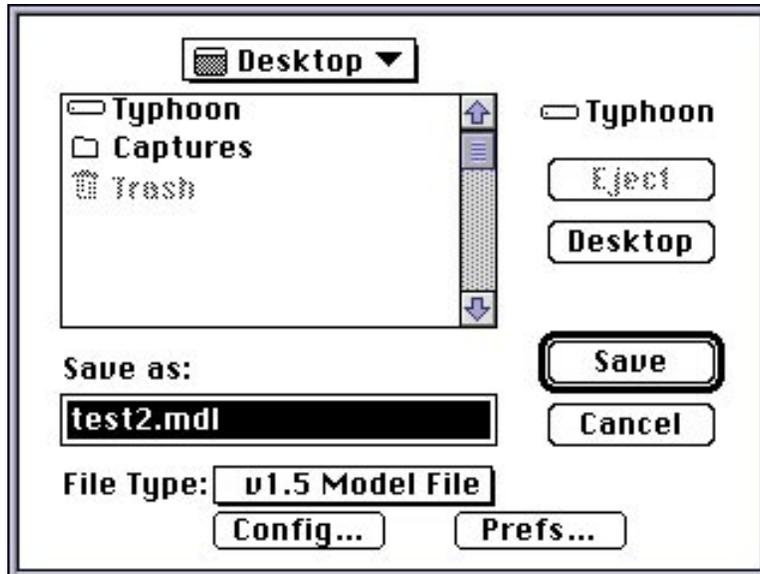
IGES file type

Exporting Files

To Export to a foreign (non-Presenter Professional 3.0.x) file format:

- 1) Open a ModelPro (or Presenter) file, using the ModelPro 3.0.3 (or later) application program.
- 2) Select Export from the File Menu.

ModelPro will exit to the Import/Export module, and present you with a standard Save dialog box.



The name of the file you opened in step 1 will be displayed in the "Save as:" data field with a suffix reflecting the File Type selected from the File Type pull-down.

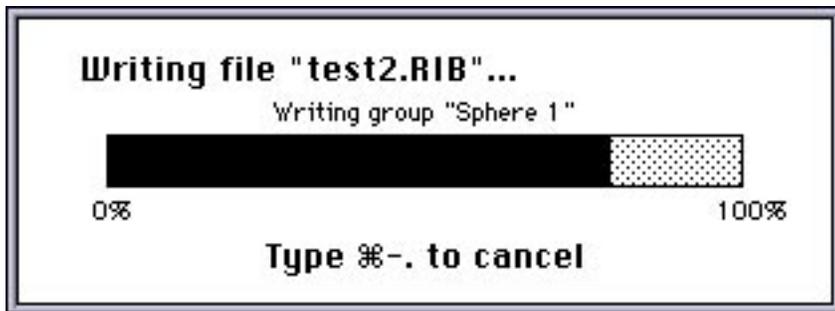
To Export a foreign file (continued)

- 3) From the File Type pull-down menu, choose the type of file you wish to export.
- 4) Click on the Save button to export the file to the location indicated in the Save dialog box.

The Import/Export module will display a progress chart as the file conversion is made and will then exit back to ModelPro.

File Type:

**v1.5 Model File
Dimensions Design
DXF
ElectricImage™ FACT
EPSF
RIB
VersaCAD
VIDI Public
WaveFront**



- 5) If you wish to fine-tune the manner in which the file is converted, prior to clicking the Open button, click on the "Config..." button in the Save dialog box to access the special configuration options (shown on the following page) for the selected file type.

File Conversion Options

On Input

Expand Inserts into separate groups
 Convert Inserts into Library References

On Output

Spline Breakup

2 3 4 5 6 7 8 15 20

Spline Surface Breakup

2 3 4 5 6 7 8 15 20

Write Invisible Groups
 Create groups for unsupported elements

ModelPro v1.5 file type

EPSF Configuration

On Output

2D File View:

Top (X x Z) Top Skew
 Front (X x Y) Front Skew
 Right (Y x Z) Right Skew

EPSF file type

Dimensions Configuration

On Input

Skip hidden groups

On Output

Output File Format:

Dimensions 1.18
 Design 2.0

Dimensions file type

VersaCAD Module Configuration

On Input

Read Solids as Surfaces (Render)
 Read Solids as Lines (wire-frame)

VersaCAD file type