



GraphWorX64

Importing AutoCAD and other 2D or 3D symbols



APPLICATION NOTE

August 2014

Description: Guide to import and use third party 2D as well as 3D symbols saved in various file formats.

Introduction

GraphWorX64 is very powerful 2D & 3D client, which allows you to import 2D as well as 3D objects from different applications.

You can import models and clipart for use in both the 2D and 3D realms of GraphWorX64. And because GraphWorX64 displays are saved in XAML format, you can even import a GraphWorX64 display in order to pull in the objects that are in that display.

Supported 3D Formats

- XAML (.xaml)
- COLLADA (.dae)
- 3D Studio (.3ds)
- Wavefront (.obj)
- Autodesk (.dwg and .dxf)
- Green Building XML (.gbXML)

NOTE: There may be small differences in the model colors due to different lightning settings. Not all the layers/objects colors are imported as they appear in other viewers.

Importing 3D Models

Before you start importing 3D objects, you need to add a 3D space to your GraphWorX64 display. Follow the steps below to properly import the 3D object.

1. Click on the  button in the Home tab of the ribbon
2. Click anywhere in the GraphWorX64 display and drag to a desired size for the 3D space
3. You can expand the size of the 3D space anytime by selecting the 3D space (so that 8 selection squares are around it) and dragging its corners
4. Double click on the 3D space to get the blue outline, and then click on the  icon.
5. Select **Import** and specify the supported file.

The dialog, similar to the one shown in

6. Figure 1, will appear. You can use the default settings or customize it if needed.

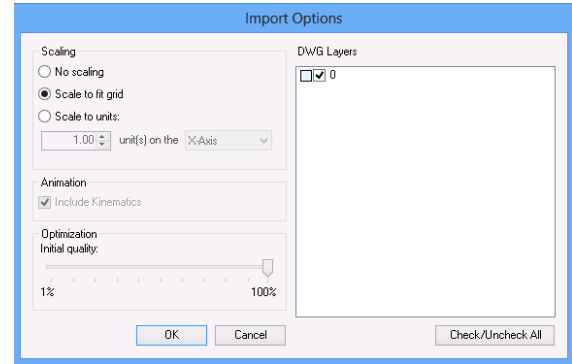


Figure 1 - Import Options for AutoCAD files

Your object should be imported similarly as the building shown in

7. Figure 2.

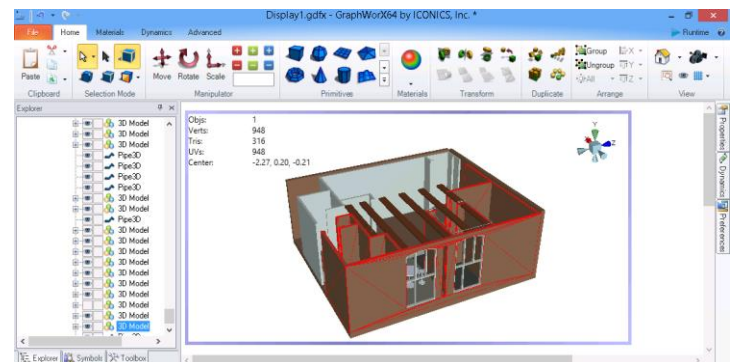


Figure 2 – 3D Model Imported to GraphWorX64

Supported 2D Formats

- XAML (.xaml)
- Windows Metafiles (.wmf and emf)
- Scalable Vector Graphics (.svg)
- Autodesk (.dwg and .dxf)

Importing 2D Models

Importing the 2D Models is very similar process to importing 3D models. Select **Import** under the  icon while focused in 2D area and specify the file you want to import.