



DWG to Image ActiveX Control User Guide

DWG2ImageX is an ActiveX control lets you convert DWG/DXF/DWF file into GIF, JPEG, BMP, PNG directly.

Steps to use this control

Step 1 Please download the 32bit or 64bit version program according to your own requirement

[DWG2ImageX\(32 bit\)](#) [DWG2ImageX\(64 bit\)](#)

Step 2 Please unzip the program to the destination folder

Step 3 Register the control

Open the program folder and double click the file reg.bat to register the DWG2ImageX.dll or DWG2ImageX64.dll.

If you run Win7 and the reg.bat file cannot work, please click start button>>All programs>>Accessories, then find the "Command Prompt" and right click it to choose "Run as Administrator" option to open the command prompt, then try to use the command regsvr32 to register the DWG2ImageX.dll or DWG2ImageX64.dll.

Step 4 Do a test

Prior try out the active-x program with your own application, please try to give it a very first test with the example code enclosed with the free trial package, please make sure it will work as expected and then try out with other environments.

Help For Developers

- **InputFile**

Specify the file to be converted

Property Let InputFile As String

- **Width**

Set output image width in pixels

Property Let Width As Long

- **Height**

Set output image height in pixels

Property Let Height As Long

- **Background**

Set background of output image, 1~255, same as AutoCAD color index

Property Let Background As Long



▪ **ImageFormat**

Set output image format.

- 0-- BMP
- 1-- JPEG
- 2-- GIF
- 3-- PNG
- 4-- TIFF

Property Let ImageFormat As Integer

▪ **ZoomType**

Set Zoom Type

- 1-- Zoom All
- 0-- Zoom Extend

Property Let ZoomType As Integer

▪ **ViewCount**

Get the view counts in the dwg file.

Property Get ViewCount As Long

▪ **ViewName**

Get the view name by index.

Parameters

nIndex

index of view.

Property Get ViewName(nIndex As Long) As String

▪ **ViewWidth**

Get the view width by index

Parameters

view

View name or view index.

Property Get ViewWidth(view) As Double

▪ **ViewHeight**

Get the view height by index

Parameters

view

View name or view index.

Property Get ViewHeight(view) As Double



▪ **Version**

Get the version, possible return value: R9, R10, R11/12, R13, R14, R2000, R2002, R2004, Unknown

Property Get Version As String

▪ **PenWidth**

Set pen width (line width) in pixels, default value is 1.

Parameters

colorIndex

AutoCAD color index, 0~255, 0-black, 7-white

Property Get/Set PenWidthy(colorIndex As Long) As Long

▪ **ColorMode**

Set output image's color

0-- color;

1-- white and black

Property Set ColorMode As Long

▪ **AddFontPath**

Add AutoCAD font path. The converter will search font file in these paths

Parameters

szPath

Where AutoCAD font file located.

▪ **Convert**

Convert the drawing file to image.

Sub Convert(szOutputFileName As String, view)

▪ **Sample Code (in VB) for your reference:**

```
Dim objImage
On Error Resume Next
Set objImage= CreateObject("DWG2ImageX.Converter")

objImage.Width = 1024
objImage.Height = 768
objImage.ImageFormat = 2      '1--jpeg, 2--gif
objImage.InputFile = "c:\My Drawings\8th floor furniture.dwg"
MsgBox objImage.Version      'Get the drawing file version.

MsgBox "Total "& objImage.ViewCount &" Views"
For l=1 to objImage.ViewCount
    strViewName = objImage.ViewName(l)
    MsgBox "Converting view: "& strViewName& "..."
```



```
nWidth = objImage.ViewWidth(l)
nHeight= objImage.ViewHeight(l)
MsgBox "Width=" &nWidth &" Height=" &nHeight

strOutput = "c:\Output\" &strViewName
objImage.Convert strOutput, strViewName
Next

If Err.Number < 0 Then
    MsgBox Err.Description
End If
```