

Viewing Documents - .NET Sample Codes:

For Image Loading\Viewing :

```
static private PlugDotNetDllsLib.LoadDllsClass m_object;
static private PlugDotNetDllsLib.tagExposedInterface structInterface;

m_object = new PlugDotNetDllsLib.LoadDllsClass();
m_object.CreateDllInterface(ref structInterface);

[DllImport("PlugLoadDlls.dll", EntryPoint = "LOADIMAGE")]

public static extern void LOADIMAGE( string fileName, ref
                                     PlugDotNetDllsLib.IImageDec
                                     PImageDec );

PlugDotNetDllsLib.tagPAGEINFO pPageInfo;
pPageInfo.pBmpInfo = new IntPtr();

LOADIMAGE(strSourceFileName, ref structInterface.pImageDec);
structInterface.pImageDec.GetTotalPages(ref nTotalPages);
structInterface.pImageDec.LoadPage(nPageNo, ref pPageInfo);
pictureBox.Image = System.Drawing.Image.FromHbitmap(pPageInfo.hBitmap)
```

For Compressing Images:

```
#define COMPRESSION_JPEG;
#define COMPRESSION_HUFFMAN;
#define COMPRESSION_CCITTG3;
#define COMPRESSION_CCITTG4;
#define COMPRESSION_LZW;
#define COMPRESSION_BMP_RLE;
#define COMPRESSION_PACKEDBITS:

[DllImport("PlugLoadDlls.dll", EntryPoint = "COMPRESS")]
public static extern void COMPRESS(IntPtr hImageHandle,
                                   byte[] pOutBuffer,
                                   int nCompression,
                                   ref IntPtr pCompDataSize,
                                   IntPtr nError);

byte[] pOutBuffer = new byte[nFileSize];
pCompDataSize = new IntPtr();
pError = new IntPtr();
int nCompressionType = COMPRESSION_BMP_RLE;

COMPRESS(hBitmap, pOutBuffer, nCompressionType, ref pCompDataSize, pError);
```

For Printing Image:

```
[DllImport("PlugLoadDlls.dll", EntryPoint = "PRINTIMAGE")]  
  
public static extern void PRINTIMAGE(ref PlugDotNetDllsLib.IImagePrint  
                                     pImagePrint);  
  
PRINTIMAGE(ref structInterface.pImagePrint)  
  
PlugDotNetDllsLib.tagPRINTINFO pInfo;  
pInfo = new PlugDotNetDllsLib.tagPRINTINFO();  
  
pInfo.PreviewRect.left = (int) e.PageSettings.PrintableArea.Left;  
pInfo.PreviewRect.top = (int)e.PageSettings.PrintableArea.Top;  
pInfo.PreviewRect.right = (int) (e.PageSettings.PrintableArea.Right);  
pInfo.PreviewRect.bottom = (int) (e.PageSettings.PrintableArea.Bottom);  
pInfo.hPreviewDc = e.Graphics.GetHdc();  
pInfo.bDrawPageNo = true;  
pInfo.bDrawBorder = true;  
pInfo.hPrintBitmap = hBitmap  
  
structInterface.pImagePrint.PrintImage(ref pInfo);
```