

Create Metafile

```
using System;
using System.Drawing;
using System.Drawing.Imaging;
using System.IO;
using System.Windows.Forms;

class CreateMetafile: Form
{
    Metafile mf;

    public static void Main()
    {
        Application.Run(new CreateMetafile());
    }

    public CreateMetafile()
    {
        ResizeRedraw = true;
        Graphics grfx = CreateGraphics();
        IntPtr ipHdc = grfx.GetHdc();

        mf = new Metafile("CreateMetafile.emf", ipHdc);

        grfx.ReleaseHdc(ipHdc);
        grfx.Dispose();

        grfx = Graphics.FromImage(mf);

        grfx.FillEllipse(Brushes.Blue, 60, 20, 20, 20);
        grfx.Dispose();
    }

    protected override void OnPaint(PaintEventArgs pea)
    {
        DoPage(pea.Graphics, ForeColor, ClientSize.Width,
            ClientSize.Height);
    }
}
```

```
protected void DoPage(Graphics grfx, Color clr, int cx, int
cy)
{
for (int y = 0; y < cy; y += mf.Height) for (int x = 0; x <
cx; x += mf.Width) grfx.DrawImage(mf, x, y, mf.Width,
mf.Height); } } [/csharp]
```