

Using ToolBarButton

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

class ToggleButtons: Form
{
    protected Panel panel = new Panel();
    protected ToolBar tbar;
    protected string strText = "Toggle";
    protected Color clrText = SystemColors.WindowText;
    FontStyle fontstyle = FontStyle.Regular;

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

    public ToggleButtons()
    {
        panel.Parent = this;
        panel.Dock = DockStyle.Fill;
        panel.BackColor = SystemColors.Window;
        panel.ForeColor = SystemColors.WindowText;
        panel.Resize += new EventHandler(PanelOnResize);
        panel.Paint += new PaintEventHandler(PanelOnPaint);

        Bitmap bm = new Bitmap(GetType(), "ToggleButtons.bmp");

        ImageList imglst = new ImageList();
        imglst.ImageSize = new Size(bm.Width / 4, bm.Height);
        imglst.Images.AddStrip(bm);
        imglst.TransparentColor = Color.White;

        tbar = new ToolBar();
        tbar.ImageList = imglst;
        tbar.Parent = this;
```

```

tbar.ShowToolTips = true;
tbar.ButtonClick += new
ToolBarButtonClickEventHandler(ToolBarOnClick);

FontStyle[] afs = { FontStyle.Bold, FontStyle.Italic,
FontStyle.Underline, FontStyle.Strikeout };

for (int i = 0; i < 4; i++) { ToolBarButton tbarbtn = new
ToolBarButton(); tbarbtn.ImageIndex = i; tbarbtn.Style =
ToolBarButtonStyle.ToggleButton; tbarbtn.ToolTipText =
afs[i].ToString(); tbarbtn.Tag = afs[i];
tbar.Buttons.Add(tbarbtn); } } void ToolBarOnClick(object obj,
ToolBarButtonClickEventArgs tbbcea) { ToolBarButton tbarbtn =
tbbcea.Button; if (tbarbtn.Tag == null ||
tbarbtn.Tag.GetType() != typeof(FontStyle)) return; if
(tbarbtn.Pushed) fontstyle |= (FontStyle) tbarbtn.Tag; else
fontstyle &= ~(FontStyle) tbarbtn.Tag; panel.Invalidate(); }
void PanelOnResize(object obj, EventArgs ea) { Panel panel =
(Panel) obj; panel.Invalidate(); } void PanelOnPaint(object
obj, PaintEventArgs pea) { Panel panel = (Panel) obj; Graphics
grfx = pea.Graphics; Font font = new Font("Times New Roman",
72, fontstyle); SizeF sizef = grfx.MeasureString(strText,
font); grfx.DrawString(strText, font, new SolidBrush(clrText),
(panel.Width - sizef.Width) / 2, (panel.Height - sizef.Height)
/ 2); } } [/csharp]

```