

Scroll Shapes

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using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;

using System.Text;
using System.Windows.Forms;

public class Form1 : Form {
private Point rectangleTopLeft = new Point(0, 0);
private Size rectangleSize = new Size(200, 200);
private Point ellipseTopLeft = new Point(50, 200);
private Size ellipseSize = new Size(200, 150);
private Pen bluePen = new Pen(Color.Blue, 3);
private Pen redPen = new Pen(Color.Red, 2);

protected override void OnPaint(PaintEventArgs e) {
base.OnPaint(e);
Graphics dc = e.Graphics;
Size scrollOffset = new Size(this.AutoScrollPosition);
if (e.ClipRectangle.Top + scrollOffset.Width < 350 ||
e.ClipRectangle.Left + scrollOffset.Height < 250) { Rectangle
rectangleArea = new Rectangle (rectangleTopLeft +
scrollOffset, rectangleSize); Rectangle ellipseArea = new
Rectangle (ellipseTopLeft + scrollOffset, ellipseSize);
dc.DrawRectangle(bluePen, rectangleArea);
dc.DrawEllipse(redPen, ellipseArea); } } public Form1() {
this.BackColor = Color.White; this.Size = new
System.Drawing.Size(300, 300); this.AutoScrollMinSize = new
Size(250, 350); } public static void Main() {
Application.Run(new Form1()); } } [/csharp]
```