

VScrollBar ValueChanged

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

class ColorScroll: Form
{
    Panel panel;
    Label[] alabelName = new Label[3];
    Label[] alabelValue = new Label[3];
    VScrollBar[] avscroll = new VScrollBar[3];

    public static void Main()
    {
        Application.Run(new ColorScroll());
    }
    public ColorScroll()
    {
        Color[] acolor = { Color.Red, Color.Green, Color.Blue };

        panel = new Panel();
        panel.Parent = this;
        panel.Location = new Point(0, 0);
        panel.BackColor = Color.White;

        for (int i = 0; i < 3; i++) { alabelName[i] = new Label();
            alabelName[i].Parent = panel; alabelName[i].ForeColor =
            acolor[i]; alabelName[i].Text = "&" +
            acolor[i].ToKnownColor(); alabelName[i].TextAlign =
            ContentAlignment.MiddleCenter; avscroll[i] = new VScrollBar();
            avscroll[i].Parent = panel; avscroll[i].SmallChange = 1;
            avscroll[i].LargeChange = 16; avscroll[i].Minimum = 0;
            avscroll[i].Maximum = 255 + avscroll[i].LargeChange - 1;
            avscroll[i].ValueChanged += new
            EventHandler(ScrollOnValueChanged); avscroll[i].TabStop =
            true; alabelValue[i] = new Label(); alabelValue[i].Parent =
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panel;          labelValue[i].TextAlign          =
ContentAlignment.MiddleCenter; } Color color = BackColor;
avscroll[0].Value = color.R; // Generates ValueChanged event
avscroll[1].Value = color.G; avscroll[2].Value = color.B;
OnResize(EventArgs.Empty); } protected override void
OnResize(EventArgs ea) { base.OnResize(ea); int cx =
ClientSize.Width; int cy = ClientSize.Height; int cyFont =
Font.Height; panel.Size = new Size(cx / 2, cy); for (int i =
0; i < 3; i++) { labelName[i].Location = new Point(i * cx /
6, cyFont / 2); labelName[i].Size = new Size(cx / 6, cyFont);
avscroll[i].Location = new Point((4 * i + 1) * cx / 24, 2 *
cyFont); avscroll[i].Size = new Size(cx / 12, cy - 4 *
cyFont); labelValue[i].Location = new Point(i * cx / 6, cy -
3 * cyFont / 2); labelValue[i].Size = new Size(cx / 6,
cyFont); } } void ScrollOnValueChanged(Object obj, EventArgs
ea) { for (int i = 0; i < 3; i++) if((VScrollBar) obj ==
avscroll[i])          labelValue[i].Text          =
avscroll[i].Value.ToString();          BackColor          =
Color.FromArgb(avscroll[0].Value,          avscroll[1].Value,
avscroll[2].Value); } } [/csharp]

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