

Color Fill dialog

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

class ColorFillDialogBox: Form
{
    GroupBox grpbox = new GroupBox();
    CheckBox chkbox = new CheckBox();

    public ColorFillDialogBox()
    {
        string[] astrColor = { "Black", "Blue", "Green", "Cyan",
                                "Red", "Magenta", "Yellow", "White"};

        grpbox.Parent = this;
        grpbox.Text = "Color";
        grpbox.Location = new Point(8, 8);
        grpbox.Size = new Size(96, 12 * (astrColor.Length + 1));

        for (int i = 0; i < astrColor.Length; i++) { RadioButton
            radiobtn = new RadioButton(); radiobtn.Parent = grpbox;
            radiobtn.Text = astrColor[i]; radiobtn.Location = new Point(8,
            12 * (i + 1)); radiobtn.Size = new Size(80, 10); }
        chkbox.Parent = this; chkbox.Text = "Fill Ellipse";
        chkbox.Location = new Point(8, grpbox.Bottom + 4); chkbox.Size
        = new Size(80, 10); Button btn = new Button(); btn.Parent =
        this; btn.Text = "OK"; btn.Location = new Point(8,
        chkbox.Bottom + 4); btn.Size = new Size(40, 16);
        btn.DialogResult = DialogResult.OK; AcceptButton = btn; btn =
        new Button(); btn.Parent = this; btn.Text = "Cancel";
        btn.Location = new Point(64, chkbox.Bottom + 4); btn.Size =
        new Size(40, 16); btn.DialogResult = DialogResult.Cancel;
        CancelButton = btn; ClientSize = new Size(112, btn.Bottom +
        8); AutoScaleBaseSize = new Size(4, 8); } public Color Color {
        get { for (int i = 0; i < grpbox.Controls.Count; i++) {
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RadioButton radiobtn = (RadioButton) grpbox.Controls[i]; if
(radiobtn.Checked) return Color.FromName(radiobtn.Text); }
return Color.Black; } set { for (int i = 0; i <
grpbox.Controls.Count; i++) { RadioButton radiobtn =
(RadioButton) grpbox.Controls[i]; if (value ==
Color.FromName(radiobtn.Text)) { radiobtn.Checked = true;
break; } } } public bool Fill { get { return chkbox.Checked;
} set { chkbox.Checked = value; } } } class DrawOrFillEllipse:
Form { Color colorEllipse = Color.Red; bool bFillEllipse =
false; public static void Main() { Application.Run(new
DrawOrFillEllipse()); } public DrawOrFillEllipse() {
ResizeRedraw = true; Menu = new MainMenu();
Menu.MenuItems.Add("&Options");
Menu.MenuItems[0].MenuItems.Add("&Color...", new
EventHandler(MenuColorOnClick)); } void
MenuColorOnClick(object obj, EventArgs ea) {
ColorFillDialogBox dlg = new ColorFillDialogBox(); dlg.Color =
colorEllipse; dlg.Fill = bFillEllipse; if (dlg.ShowDialog() ==
DialogResult.OK) { colorEllipse = dlg.Color; bFillEllipse =
dlg.Fill; Invalidate(); } } protected override void
OnPaint(PaintEventArgs pea) { Graphics grfx = pea.Graphics;
Rectangle rect = new Rectangle(0, 0, 50, 50); if(bFillEllipse)
grfx.FillEllipse(new SolidBrush(colorEllipse), rect); else
grfx.DrawEllipse(new Pen(colorEllipse), rect); } } [/csharp]

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