

CheckedChanged Event

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

class RadioButtons: Form
{
    bool bFillEllipse;
    Color colorEllipse;

    static void Main()
    {
        Application.Run(new RadioButtons());
    }
    RadioButtons()
    {
        ResizeRedraw = true;
        string[] astrColor = { "Black", "Blue", "Green", "Cyan"};

        GroupBox grpbox = new GroupBox();
        grpbox.Parent = this;
        grpbox.Text = "Color";
        grpbox.Location = new Point(Font.Height / 2, Font.Height / 2);
        grpbox.Size = new Size(9 * Font.Height, (3 * astrColor.Length
        + 4) * Font.Height / 2);

        for (int i = 0; i < astrColor.Length; i++) { RadioButton
        radiobtn = new RadioButton(); radiobtn.Parent = grpbox;
        radiobtn.Text = astrColor[i]; radiobtn.Location = new
        Point(Font.Height, 3 * (i + 1) * Font.Height / 2);
        radiobtn.Size = new Size(7 * Font.Height, 3 * Font.Height / 2);
        radiobtn.CheckedChanged += new
        EventHandler(RadioButtonOnCheckedChanged); radiobtn.Checked =
        true; } CheckBox chkbox = new CheckBox(); chkbox.Parent =
        this; chkbox.Text = "Fill Ellipse"; chkbox.Location = new
        Point(Font.Height, 3 * (astrColor.Length + 2) * Font.Height /
```

```
2); chkbox.Size = new Size(Font.Height * 7, 3 * Font.Height /
2);          chkbox.CheckedChanged          +=          new
EventHandler(CheckBoxOnCheckedChanged);    }    void
RadioButtonOnCheckedChanged(object obj, EventArgs ea) {
RadioButton radiobtn = (RadioButton) obj; if(radiobtn.Checked)
{    colorEllipse    =    Color.FromName(radiobtn.Text);
Invalidate(false); } } void CheckBoxOnCheckedChanged(object
obj, EventArgs ea) { bFillEllipse = ((CheckBox)obj).Checked;
Invalidate(false);    }    protected    override    void
OnPaint(PaintEventArgs pea) { Graphics grfx = pea.Graphics;
Rectangle rect = new Rectangle(10 * Font.Height, 0,
ClientSize.Width - 10 * Font.Height - 1, ClientSize.Height -
1);          if(bFillEllipse)          grfx.FillEllipse(new
SolidBrush(colorEllipse), rect); else grfx.DrawEllipse(new
Pen(colorEllipse), rect); } } [/csharp]
```