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using System;
using System.Drawing;
using System.Drawing.Drawing2D;
using System.Collections;
using System.ComponentModel;
using System.Windows.Forms;

namespace sb54_CSAI.ClientApp
{
    #region FrmAbout CLASS
    /// <summary>
    /// uctCDRipper is a sub class of a <see cref="System.Windows.Forms.Form">Form </see>
    /// that provides an about form the ReMP3 application
    /// </summary>
    public class FrmAbout : System.Windows.Forms.Form
    {
        #region Instance fields
        //instance fields
        private System.ComponentModel.IContainer components;
        private System.Windows.Forms.Panel oPnlTop;
        private System.Windows.Forms.Label oLblTitle;
        private System.Windows.Forms.Label oLblAbout;
        private System.Windows.Forms.Label oLblLicense;
        private System.Windows.Forms.Button oBtnOk;
        private System.Windows.Forms.PictureBox pictureBox1;
        private System.Windows.Forms.LinkLabel oLnkLogo;
        private System.Windows.Forms.LinkLabel oLnkProjectWebSite;
        private Image oImgLogo;
        #endregion
        #region Public Constructor
        /// <summary>
        /// Constructor, simply initalises all GUI components
        /// </summary>
        public FrmAbout()
        {
            // This call is required by the Windows.Forms Form Designer.
            InitializeComponent();
            //set up all specific GUI items
            setUpFormText();
            createPanelLogo();
        }
        #endregion
        #region Public Methods
        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true indicates the object should be disposed</param>
        protected override void Dispose( bool disposing )
        {
            //if being asked to dispose
            if( disposing )
            {
                //clean up the held resources
                if (components != null) { components.Dispose(); }
                if (oImgLogo != null) { oImgLogo.Dispose(); }
            }
            //call base class Dispose
            base.Dispose( disposing );
        }
        #endregion
        #region Windows Form Designer generated code
        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            System.Resources.ResourceManager resources = new System.Resources.
ResourceManager( typeof( FrmAbout ) );
            this.oPnlTop = new System.Windows.Forms.Panel();
            this.oLblTitle = new System.Windows.Forms.Label();
            this.oLblAbout = new System.Windows.Forms.Label();
            this.oLblLicense = new System.Windows.Forms.Label();
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this.oLnkLogo = new System.Windows.Forms.LinkLabel();
this.oBtnOk = new System.Windows.Forms.Button();
this.pictureBox1 = new System.Windows.Forms.PictureBox();
this.oLnkProjectWebSite = new System.Windows.Forms.LinkLabel();
this.SuspendLayout();
//
// oPnlTop
//
this.oPnlTop.Dock = System.Windows.Forms.DockStyle.Top;
this.oPnlTop.Location = new System.Drawing.Point(0, 0);
this.oPnlTop.Name = "oPnlTop";
this.oPnlTop.Size = new System.Drawing.Size(456, 64);
this.oPnlTop.TabIndex = 0;
this.oPnlTop.Paint += new System.Windows.Forms.PaintEventHandler(this.oPnlTop_Paint);
//
// oLblTitle
//
this.oLblTitle.Font = new System.Drawing.Font("Microsoft Sans Serif", 8.25F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((System.Byte)(0)));
this.oLblTitle.Location = new System.Drawing.Point(8, 72);
this.oLblTitle.Name = "oLblTitle";
this.oLblTitle.Size = new System.Drawing.Size(304, 23);
this.oLblTitle.TabIndex = 1;
this.oLblTitle.Text = "oLblTitle";
//
// oLblAbout
//
this.oLblAbout.Font = new System.Drawing.Font("Microsoft Sans Serif", 8.25F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((System.Byte)(0)));
this.oLblAbout.ForeColor = System.Drawing.Color.Black;
this.oLblAbout.Location = new System.Drawing.Point(72, 128);
this.oLblAbout.Name = "oLblAbout";
this.oLblAbout.Size = new System.Drawing.Size(320, 20);
this.oLblAbout.TabIndex = 2;
this.oLblAbout.Text = "about";
//
// oLblLicense
//
this.oLblLicense.Font = new System.Drawing.Font("Microsoft Sans Serif", 8.25F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((System.Byte)(0)));
;
this.oLblLicense.Location = new System.Drawing.Point(8, 176);
this.oLblLicense.Name = "oLblLicense";
this.oLblLicense.Size = new System.Drawing.Size(432, 56);
this.oLblLicense.TabIndex = 3;
this.oLblLicense.Text = "license";
//
// oLnkLogo
//
this.oLnkLogo.LinkArea = new System.Windows.Forms.LinkArea(20, 21);
this.oLnkLogo.Location = new System.Drawing.Point(8, 240);
this.oLnkLogo.Name = "oLnkLogo";
this.oLnkLogo.Size = new System.Drawing.Size(240, 23);
this.oLnkLogo.TabIndex = 4;
this.oLnkLogo.TabStop = true;
this.oLnkLogo.Text = "Logo by Potroast at Vibrant-Solutions.Net";
this.oLnkLogo.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkLogo_LinkClicked);
//
// oBtnOk
//
this.oBtnOk.BackColor = System.Drawing.Color.CornflowerBlue;
this.oBtnOk.FlatStyle = System.Windows.Forms.FlatStyle.System;
this.oBtnOk.ForeColor = System.Drawing.Color.White;
this.oBtnOk.Location = new System.Drawing.Point(376, 272);
this.oBtnOk.Name = "oBtnOk";
this.oBtnOk.TabIndex = 5;
this.oBtnOk.Text = "Ok";
this.oBtnOk.Click += new System.EventHandler(this.oBtnOk_Click);
//
// pictureBox1
//
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        this.pictureBox1.Image = ((System.Drawing.Image)(resources.GetObject(
"pictureBox1.Image")));
        this.pictureBox1.Location = new System.Drawing.Point(8, 112);
        this.pictureBox1.Name = "pictureBox1";
        this.pictureBox1.Size = new System.Drawing.Size(56, 56);
        this.pictureBox1.TabIndex = 6;
        this.pictureBox1.TabStop = false;
        //
        // oLnkProjectWebSite
        //
        this.oLnkProjectWebSite.LinkArea = new System.Windows.Forms.LinkArea(7, 18);
        this.oLnkProjectWebSite.Location = new System.Drawing.Point(8, 272);
        this.oLnkProjectWebSite.Name = "oLnkProjectWebSite";
        this.oLnkProjectWebSite.Size = new System.Drawing.Size(240, 23);
        this.oLnkProjectWebSite.TabIndex = 7;
        this.oLnkProjectWebSite.TabStop = true;
        this.oLnkProjectWebSite.Text = "Re-Mp3 Project Web Site";
        this.oLnkProjectWebSite.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkProjectWebSite_LinkClicked);
        //
        // FrmAbout
        //
        this.AutoScaleBaseSize = new System.Drawing.Size(5, 13);
        this.BackColor = System.Drawing.Color.White;
        this.ClientSize = new System.Drawing.Size(456, 300);
        this.Controls.Add(this.oLnkProjectWebSite);
        this.Controls.Add(this.oBtnOk);
        this.Controls.Add(this.oLnkLogo);
        this.Controls.Add(this.oLblLicense);
        this.Controls.Add(this.oLblAbout);
        this.Controls.Add(this.oLblTitle);
        this.Controls.Add(this.oPnlTop);
        this.Controls.Add(this.pictureBox1);
        this.FormBorderStyle = System.Windows.Forms.FormBorderStyle.Fixed3D;
        this.Icon = ((System.Drawing.Icon)(resources.GetObject("$this.Icon")));
        this.MaximizeBox = false;
        this.MinimizeBox = false;
        this.Name = "FrmAbout";
        this.ShowInTaskbar = false;
        this.SizeGripStyle = System.Windows.Forms.SizeGripStyle.Hide;
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "About Form";
        this.ResumeLayout(false);
    }
    #endregion
    #region Private Methods

    /// <summary>
    /// Sets all the text for all the GUI components used
    /// </summary>
    private void setUpFormText()
    {
        //setup text
        this.Text = "About Re-MP3 Client";
        oLblTitle.Text = "Re-MP3 Client Version : v" + CliConfigInfo.appVersion;
        oLblAbout.Text = "Copyright © Sacha Barber (sb54@sussex.ac.uk), 2005-2006";
        oLblLicense.Text = "Re-MP3 is free software; you can redistribute it and/or
modify it under the\n";
        oLblLicense.Text += "terms of the GNU General Public License as published by the
Free Software\n";
        oLblLicense.Text += "Foundation; either version 2 of the license, or (at your
option) any later version.\n";
        this.oLnkLogo.Links[0].LinkData = "www.vibrant-solutions.net/";
        this.oLnkProjectWebSite.Links[0].LinkData = "www.vibrant-web-design.com/sacha/
sb54_CSAI_Proj.htm";
    }

    /// <summary>
    /// Draws the embedded resource Image on the top panel
    /// </summary>
    private void createPanelLogo()

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{
    try
    {
        //initialise with a default image
        oImgLogo = null ;
        System.IO.Stream stream = null;
        //Get the image to paint from the embedded resource file associated with
this assembly
        stream = this.GetType().Assembly.GetManifestResourceStream("ClientApp.
remp3_blue_small_logo.gif") ;
        oImgLogo = Image.FromStream(stream) ;
    }
    catch(Exception ex)
    {
        MessageBox.Show("Problem with loading image (remp3_blue_small_logo.gif) in
FrmAbout : " +
        "\r\n\r\n\r\n" + ex.Message,
        "Remoting Services ERROR", MessageBoxButtons.OK,
        MessageBoxIcon.Error);
    }
}

/// <summary>
/// Event handler that occurs when the main About form panel paints
/// Simply paint the panel, and paint the image as retrieved from
/// this assemblies resource stream using the createPanelLogo() method
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oPnlTop_Paint(object sender, System.Windows.Forms.PaintEventArgs e)
{
    base.OnPaint(e);
    //draw the rectangle
    Graphics g = e.Graphics;
    Pen penBlack = new Pen(Color.Black);
    Rectangle r = new Rectangle(0,0,oPnlTop.Size.Width,oPnlTop.Size.Height);
    g.DrawRectangle(penBlack,r);
    Brush divBrush = new HatchBrush(HatchStyle.Divot,Color.Gray,Color.Black);
    g.FillRectangle(divBrush,r);

    //draw the image
    int xpos = (int)(oPnlTop.Width/2) - (oImgLogo.Width/2);
    int ypos = (int)(oPnlTop.Height/2) - (oImgLogo.Height/2);
    g.DrawImage(oImgLogo,xpos,ypos,oImgLogo.Width,oImgLogo.Height);
}

/// <summary>
/// Hyper link to www.vibrant-solutions.net/
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oLnkLogo_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
{
    // LinkData property of the Link object.
    string target = e.Link.LinkData as string;
    //start the link process
    startProcess(target);
}

/// <summary>
/// Attempts to start the process which has the name of the parameter supplied, So
/// long as the process is a URL. Must start with www.
/// </summary>
/// <param name="target">The process to start</param>
private void startProcess(string target)
{
    // If the value looks like a URL, navigate to it.
    if(null != target && target.StartsWith("www"))
    {
        try
        {
            System.Diagnostics.Process.Start(target);
        }
    }
}
```

```
    }
    catch(Exception ex)
    {
        FrmAbout : " +
            MessageBox.Show("Problem with starting process " + target + " in
                "\r\n\r\n\r\n\r\n" + ex.Message,
                "Remoting Services ERROR", MessageBoxButtons.OK,
                MessageBoxIcon.Error);
    }
}

/// <summary>
/// Disposes of the frmAbout object, is basically gets marked Garbage Collection
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oBtnOk_Click(object sender, System.EventArgs e)
{
    this.Dispose();
}

/// <summary>
/// Hyper link to www.vibrant-web-design.com/sacha/sb54\_CSAI\_Proj.htm
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oLnkProjectWebSite_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
{
    // LinkData property of the Link object.
    string target = e.Link.LinkData as string;
    //start the link process
    startProcess(target);
}

#endregion
}
#endregion
}
```