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using System.Drawing;
using System;
using System.Drawing.Drawing2D;
using System.Collections;
using System.ComponentModel;
using System.Windows.Forms;
using System.Data;
using System.Reflection;
using System.IO;
using System.Runtime.Remoting;
using System.Runtime.Remoting.Channels;
using System.Runtime.Remoting.Channels.Tcp;
using System.Runtime.Remoting.Services;
using sb54_CSAI.remoteInterfaces;
using sb54_CSAI.MiscFormComponents;
using sb54_CSAI.GUI;

namespace sb54_CSAI.ServerApp
{
    #region FrmMain CLASS
    /// <summary>
    /// FrmMain is a sub class of a <see cref="System.Windows.Forms.Form">Form </see>
    /// that provides the ReMp3 Client functionality
    /// <br></br>
    /// <br></br>
    /// Namely a Remote Media Player, MP3 Editor, Media Library, CD Ripper, WAV to MP3
    /// Converter
    /// <br></br>
    /// <br></br>
    /// This class also implements the <see cref="sb54_CSAI.remoteInterfaces.IServerRemoting
    >IServerRemoting </see>
    /// interface
    /// </summary>
    public class FrmMain : System.Windows.Forms.Form, IServerRemoting
    {
        #region Instance fields
        //Instance fields
        private System.ComponentModel.IContainer components;
        private ObjRef oRemoteObj =null;
        private RemotingObject oRemService=null;
        private FrmAbout oFrmAbout;
        private System.Windows.Forms.Panel oPanel2;
        private System.Windows.Forms.TabControl oTabControll1;
        private System.Windows.Forms.Panel oPnlHomeTop;
        private System.Windows.Forms.Panel oPnlHomeTools;
        private System.Windows.Forms.TabPage oTabTrackList;
        private System.Windows.Forms.TabPage oTabMedia;
        private System.Windows.Forms.TabPage oTabMP3Editor;
        private System.Windows.Forms.MenuItem oMnuFile;
        private System.Windows.Forms.MenuItem oMnuHome;
        private System.Windows.Forms.MenuItem oMnuTrackList;
        private System.Windows.Forms.MenuItem oMnuMedia;
        private System.Windows.Forms.MenuItem oMnuMP3Editor;
        private System.Windows.Forms.MenuItem oMnuExit;
        private System.Windows.Forms.MenuItem oMnuAbout;
        private System.Windows.Forms.MenuItem oMenuSep3;
        private System.Windows.Forms.ImageList oImgList_84;
        private System.Windows.Forms.ImageList oImgList_16;
        private System.Windows.Forms.ImageList oImgList_32;
        private System.Windows.Forms.MainMenu oMainMenu;
        private System.Windows.Forms.MenuItem oMnuHelpAbout;
        private System.Windows.Forms.MenuItem oMnuHelp;
        private System.Windows.Forms.Panel oPnlTrackList;
        private System.Windows.Forms.Panel oPnlMedia;
        private System.Windows.Forms.Panel oPanelToolsMain;
        private System.Windows.Forms.Panel oPanelShrinks;
        private System.Windows.Forms.Panel oPanelToolsList;
        private System.Windows.Forms.ListView oLstHomeTools;
        private System.Windows.Forms.ColumnHeader oColumnHeader1;
        private sb54_CSAI.GUI.ShrinkPanelBar oShrBar;
    }
}

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private sb54_CSAI.GUI.ShrinkPanel oShrinkTools;
private System.Windows.Forms.LinkLabel oLnkTrackList;
private System.Windows.Forms.LinkLabel oLnkMP3Editor;
private System.Windows.Forms.LinkLabel oLnkMedia;
private sb54_CSAI.GUI.ShrinkPanel oShrinkHelpAbout;
private System.Windows.Forms.LinkLabel oLnkAbout;
private System.Windows.Forms.LinkLabel oLnkHelp;
private System.Windows.Forms.LinkLabel oLnkRipper;
private System.Windows.Forms.TabPage oTabCDRipper;
private System.Windows.Forms.Panel oPnlCDRipper;
private System.Windows.Forms.MenuItem oMnuRipper;
private System.Windows.Forms.ToolTip oTooltipl;
private sb54_CSAI.MiscFormComponents.uctTitledPanel uctTitledPnlTrackList;
private sb54_CSAI.MiscFormComponents.uctTitledPanel uctTitledPnlMP3Editor;
private sb54_CSAI.MiscFormComponents.uctTitledPanel uctTitledPnlMedia;
private sb54_CSAI.MiscFormComponents.uctTitledPanel uctTitledPnlCDRipper;
private sb54_CSAI.MiscFormComponents.MenuIcons oMnuIcons;
private System.Windows.Forms.LinkLabel oLnkConvertor;
private System.Windows.Forms.TabPage oTabConvertor;
private System.Windows.Forms.MenuItem oMnuConvertor;
private sb54_CSAI.MiscFormComponents.uctTitledPanel uctTitledPnlConvertor;
private SB54_CSAI.MP3Editor.uctMP3Editor uctMP3Editor1;
private SB54_CSAI.CDRip.uctCDRipper uctCDRipper1;
private SB54_CSAI.CDRip.uctWAVtoMP3Convertor uctWAVtoMP3Convertor1;
private SB54_CSAI.MediaLibrary.uctMediaLibrary uctMediaLibrary1;
private System.Windows.Forms.TabPage oTabHome;
private System.Windows.Forms.MenuItem oMnuTabs;
private SB54_CSAI.MediaPlayerControl.uctMediaPlayer uctMediaPlayer1;
private Image oImgArtWork;
#endregion
#region Public Constructor
/// <summary>
/// Simply creates a new FrmMain, and attempts to set up a new
/// <see cref="sb54_CSAI.remoteInterfaces.RemotingServiceClass">RemotingServiceClass
</see>
/// </summary>
public FrmMain()
{
    InitializeComponent();
    setUpRemoting();
    createPanelLogo();
}
#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()
{
    this.components = new System.ComponentModel.Container();
    System.Windows.Forms.ListViewItem listViewItem1 = new System.Windows.Forms.
ListViewItem("Media Player", 1);
    System.Windows.Forms.ListViewItem listViewItem2 = new System.Windows.Forms.
ListViewItem("MP3 Editor", 2);
    System.Windows.Forms.ListViewItem listViewItem3 = new System.Windows.Forms.
ListViewItem("Media Library", 0);
    System.Windows.Forms.ListViewItem listViewItem4 = new System.Windows.Forms.
ListViewItem("CD Ripper", 4);
    System.Windows.Forms.ListViewItem listViewItem5 = new System.Windows.Forms.
ListViewItem("WAV to MP3 Convertor", 5);
    System.Resources.ResourceManager resources = new System.Resources.
ResourceManager(typeof(FrmMain));
    this.oPanel2 = new System.Windows.Forms.Panel();
    this.oTabControl1 = new System.Windows.Forms.TabControl();
    this.oTabHome = new System.Windows.Forms.TabPage();
    this.oPanelToolsMain = new System.Windows.Forms.Panel();
    this.oPanelToolsList = new System.Windows.Forms.Panel();
    this.oLstHomeTools = new System.Windows.Forms.ListView();
    this.oColumnHeader1 = new System.Windows.Forms.ColumnHeader();
    this.oImgList_84 = new System.Windows.Forms.ImageList(this.components);
    this.oPanelShrinks = new System.Windows.Forms.Panel();
    this.oShrBar = new sb54_CSAI.GUI.ShrinkPanelBar();

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this.oShrinkHelpAbout = new sb54_CSAI.GUI.ShrinkPanel();
this.oLnkHelp = new System.Windows.Forms.LinkLabel();
this.oImgList_16 = new System.Windows.Forms.ImageList(this.components);
this.oLnkAbout = new System.Windows.Forms.LinkLabel();
this.oShrinkTools = new sb54_CSAI.GUI.ShrinkPanel();
this.oLnkConvertor = new System.Windows.Forms.LinkLabel();
this.oLnkRipper = new System.Windows.Forms.LinkLabel();
this.oLnkMedia = new System.Windows.Forms.LinkLabel();
this.oLnkMP3Editor = new System.Windows.Forms.LinkLabel();
this.oLnkTrackList = new System.Windows.Forms.LinkLabel();
this.oPnlHomeTools = new System.Windows.Forms.Panel();
this.oPnlHomeTop = new System.Windows.Forms.Panel();
this.oTabTrackList = new System.Windows.Forms.TabPage();
this.oPnlTrackList = new System.Windows.Forms.Panel();
this.uctMediaPlayer1 = new SB54_CSAI.MediaPlayerControl.uctMediaPlayer();
this.uctTitledPnlTrackList = new sb54_CSAI.MiscFormComponents.uctTitledPanel();
this.oTabMP3Editor = new System.Windows.Forms.TabPage();
this.uctMP3Editor1 = new SB54_CSAI.MP3Editor.uctMP3Editor();
this.uctTitledPnlMP3Editor = new sb54_CSAI.MiscFormComponents.uctTitledPanel();
this.oTabMedia = new System.Windows.Forms.TabPage();
this.oPnlMedia = new System.Windows.Forms.Panel();
this.uctMediaLibrary1 = new SB54_CSAI.MediaLibrary.uctMediaLibrary();
this.uctTitledPnlMedia = new sb54_CSAI.MiscFormComponents.uctTitledPanel();
this.oTabCDRipper = new System.Windows.Forms.TabPage();
this.oPnlCDRipper = new System.Windows.Forms.Panel();
this.uctCDRipper1 = new SB54_CSAI.CDRip.uctCDRipper();
this.uctTitledPnlCDRipper = new sb54_CSAI.MiscFormComponents.uctTitledPanel();
this.oTabConvertor = new System.Windows.Forms.TabPage();
this.uctWAVtoMP3Convertor1 = new SB54_CSAI.CDRip.uctWAVtoMP3Convertor();
this.uctTitledPnlConvertor = new sb54_CSAI.MiscFormComponents.uctTitledPanel();
this.oImgList_32 = new System.Windows.Forms.ImageList(this.components);
this.oMainMenu = new System.Windows.Forms.MainMenu();
this.oMnuFile = new System.Windows.Forms.MenuItem();
this.oMnuExit = new System.Windows.Forms.MenuItem();
this.oMnuTabs = new System.Windows.Forms.MenuItem();
this.oMnuHome = new System.Windows.Forms.MenuItem();
this.oMnuTrackList = new System.Windows.Forms.MenuItem();
this.oMnuMP3Editor = new System.Windows.Forms.MenuItem();
this.oMnuMedia = new System.Windows.Forms.MenuItem();
this.oMnuRipper = new System.Windows.Forms.MenuItem();
this.oMnuConvertor = new System.Windows.Forms.MenuItem();
this.oMnuHelpAbout = new System.Windows.Forms.MenuItem();
this.oMnuHelp = new System.Windows.Forms.MenuItem();
this.oMenuSep3 = new System.Windows.Forms.MenuItem();
this.oMnuAbout = new System.Windows.Forms.MenuItem();
this.oTooltip1 = new System.Windows.Forms.ToolTip(this.components);
this.oMnuIcons = new sb54_CSAI.MiscFormComponents.MenuIcons(this.components);
this.oPanel2.SuspendLayout();
this.oTabControll1.SuspendLayout();
this.oTabHome.SuspendLayout();
this.oPanelToolsMain.SuspendLayout();
this.oPanelToolsList.SuspendLayout();
this.oPanelShrinks.SuspendLayout();
((System.ComponentModel.ISupportInitialize)(this.oShrBar)).BeginInit();
this.oShrBar.SuspendLayout();
this.oShrinkHelpAbout.SuspendLayout();
this.oShrinkTools.SuspendLayout();
this.oTabTrackList.SuspendLayout();
this.oPnlTrackList.SuspendLayout();
this.oTabMP3Editor.SuspendLayout();
this.oTabMedia.SuspendLayout();
this.oPnlMedia.SuspendLayout();
this.oTabCDRipper.SuspendLayout();
this.oPnlCDRipper.SuspendLayout();
this.oTabConvertor.SuspendLayout();
this.SuspendLayout();
//
// oPanel2
//
this.oPanel2.BackColor = System.Drawing.SystemColors.Highlight;
this.oPanel2.Controls.Add(this.oTabControll1);
this.oPanel2.Dock = System.Windows.Forms.DockStyle.Fill;
this.oPanel2.Location = new System.Drawing.Point(0, 0);
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this.oPanel2.Name = "oPanel2";
this.oPanel2.Size = new System.Drawing.Size(1016, 734);
this.oPanel2.TabIndex = 4;
//
// oTabControl1
//
this.oTabControl1.Appearance = System.Windows.Forms.TabAppearance.FlatButtons;
this.oTabControl1.Controls.Add(this.oTabHome);
this.oTabControl1.Controls.Add(this.oTabTrackList);
this.oTabControl1.Controls.Add(this.oTabMP3Editor);
this.oTabControl1.Controls.Add(this.oTabMedia);
this.oTabControl1.Controls.Add(this.oTabCDRipper);
this.oTabControl1.Controls.Add(this.oTabConvertor);
this.oTabControl1.Dock = System.Windows.Forms.DockStyle.Fill;
this.oTabControl1.ImageList = this.oImgList_32;
this.oTabControl1.Location = new System.Drawing.Point(0, 0);
this.oTabControl1.Name = "oTabControl1";
this.oTabControl1.SelectedIndex = 0;
this.oTabControl1.Size = new System.Drawing.Size(1016, 734);
this.oTabControl1.TabIndex = 1;
this.oTooltip1.SetToolTip(this.oTabControl1, "Use this tab strip to navigate to
the ReMP3 application tools");
this.oTabControl1.SelectedIndexChanged += new System.EventHandler(this.
oTabControl1_SelectedIndexChanged);
//
// oTabHome
//
this.oTabHome.BackColor = System.Drawing.Color.White;
this.oTabHome.Controls.Add(this.oPanelToolsMain);
this.oTabHome.ImageIndex = 8;
this.oTabHome.Location = new System.Drawing.Point(4, 42);
this.oTabHome.Name = "oTabHome";
this.oTabHome.Size = new System.Drawing.Size(1008, 688);
this.oTabHome.TabIndex = 1;
this.oTabHome.Text = "Home";
//
// oPanelToolsMain
//
this.oPanelToolsMain.BackColor = System.Drawing.Color.White;
this.oPanelToolsMain.Controls.Add(this.oPanelToolsList);
this.oPanelToolsMain.Controls.Add(this.oPanelShrinks);
this.oPanelToolsMain.Controls.Add(this.oPnlHomeTools);
this.oPanelToolsMain.Controls.Add(this.oPnlHomeTop);
this.oPanelToolsMain.Dock = System.Windows.Forms.DockStyle.Fill;
this.oPanelToolsMain.Location = new System.Drawing.Point(0, 0);
this.oPanelToolsMain.Name = "oPanelToolsMain";
this.oPanelToolsMain.Size = new System.Drawing.Size(1008, 688);
this.oPanelToolsMain.TabIndex = 0;
//
// oPanelToolsList
//
this.oPanelToolsList.Controls.Add(this.oLstHomeTools);
this.oPanelToolsList.Dock = System.Windows.Forms.DockStyle.Fill;
this.oPanelToolsList.Location = new System.Drawing.Point(200, 100);
this.oPanelToolsList.Name = "oPanelToolsList";
this.oPanelToolsList.Size = new System.Drawing.Size(808, 588);
this.oPanelToolsList.TabIndex = 10;
//
// oLstHomeTools
//
this.oLstHomeTools.BackColor = System.Drawing.Color.White;
this.oLstHomeTools.BorderStyle = System.Windows.Forms.BorderStyle.None;
this.oLstHomeTools.Columns.AddRange(new System.Windows.Forms.ColumnHeader[] {
this.oColumnHeader1});
this.oLstHomeTools.Dock = System.Windows.Forms.DockStyle.Fill;
this.oLstHomeTools.Font = new System.Drawing.Font("Microsoft Sans Serif", 8.25F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((System.Byte)
(0)));
this.oLstHomeTools.GridLines = true;
this.oLstHomeTools.Items.AddRange(new System.Windows.Forms.ListViewItem[] {
listViewItem1,
listViewItem2,
listViewItem3,

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listViewItem4,
listViewItem5});
    this.oLstHomeTools.LargeImageList = this.oImgList_84;
    this.oLstHomeTools.Location = new System.Drawing.Point(0, 0);
    this.oLstHomeTools.MultiSelect = false;
    this.oLstHomeTools.Name = "oLstHomeTools";
    this.oLstHomeTools.Size = new System.Drawing.Size(808, 588);
    this.oLstHomeTools.TabIndex = 32;
    this.oTooltip1.SetToolTip(this.oLstHomeTools, "This is the central ReMP3 toolbox
, from here you may access the ReMP3 application" +
    " tools simple by clicking on the icons");
    this.oLstHomeTools.SelectedIndexChanged += new System.EventHandler(this.
oLstHomeTools_SelectedIndexChanged);
    //
    // oColumnHeader1
    //
    this.oColumnHeader1.Text = "Network Computers";
    //
    // oImgList_84
    //
    this.oImgList_84.ImageSize = new System.Drawing.Size(84, 84);
    this.oImgList_84.ImageStream = ((System.Windows.Forms.ImageListStreamer)
(resources.GetObject("oImgList_84.ImageStream")));
    this.oImgList_84.TransparentColor = System.Drawing.Color.Transparent;
    //
    // oPanelShrinks
    //
    this.oPanelShrinks.Controls.Add(this.oShrBar);
    this.oPanelShrinks.Dock = System.Windows.Forms.DockStyle.Left;
    this.oPanelShrinks.Location = new System.Drawing.Point(0, 100);
    this.oPanelShrinks.Name = "oPanelShrinks";
    this.oPanelShrinks.Size = new System.Drawing.Size(200, 588);
    this.oPanelShrinks.TabIndex = 9;
    //
    // oShrBar
    //
    this.oShrBar.BackColor = System.Drawing.Color.CornflowerBlue;
    this.oShrBar.Border = 8;
    this.oShrBar.Controls.Add(this.oShrinkHelpAbout);
    this.oShrBar.Controls.Add(this.oShrinkTools);
    this.oShrBar.Dock = System.Windows.Forms.DockStyle.Fill;
    this.oShrBar.Location = new System.Drawing.Point(0, 0);
    this.oShrBar.Name = "oShrBar";
    this.oShrBar.Size = new System.Drawing.Size(200, 588);
    this.oShrBar.Spacing = 8;
    this.oShrBar.TabIndex = 0;
    //
    // oShrinkHelpAbout
    //
    this.oShrinkHelpAbout.Anchor = ((System.Windows.Forms.AnchorStyles)((System.
Windows.Forms.AnchorStyles.Top | System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right));
    this.oShrinkHelpAbout.BackColor = System.Drawing.Color.White;
    this.oShrinkHelpAbout.Controls.Add(this.oLnkHelp);
    this.oShrinkHelpAbout.Controls.Add(this.oLnkAbout);
    this.oShrinkHelpAbout.EndColour = System.Drawing.Color.FromArgb(((System.Byte)
(199)), ((System.Byte)(212)), ((System.Byte)(247)));
    this.oShrinkHelpAbout.Image = ((System.Drawing.Image)(resources.GetObject(
"oShrinkHelpAbout.Image")));
    this.oShrinkHelpAbout.Location = new System.Drawing.Point(8, 192);
    this.oShrinkHelpAbout.Name = "oShrinkHelpAbout";
    this.oShrinkHelpAbout.ShrinkPanelCurrentState = sb54_CSAI.GUI.
ShrinkPanelCurrentState.Expanded;
    this.oShrinkHelpAbout.Size = new System.Drawing.Size(184, 112);
    this.oShrinkHelpAbout.StartColour = System.Drawing.Color.White;
    this.oShrinkHelpAbout.TabIndex = 1;
    this.oShrinkHelpAbout.TitleFont = new System.Drawing.Font("Tahoma", 9F, System.
Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((System.Byte)(0)));
    this.oShrinkHelpAbout.TitleFontColour = System.Drawing.Color.Navy;
    this.oShrinkHelpAbout.TitleText = "Help & About";
    this.oTooltip1.SetToolTip(this.oShrinkHelpAbout, "ReMP3 help and application
information");
    //
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// oLnkHelp
//
this.oLnkHelp.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkHelp.ImageIndex = 7;
this.oLnkHelp.ImageList = this.oImgList_16;
this.oLnkHelp.Location = new System.Drawing.Point(16, 48);
this.oLnkHelp.Name = "oLnkHelp";
this.oLnkHelp.Size = new System.Drawing.Size(160, 23);
this.oLnkHelp.TabIndex = 2;
this.oLnkHelp.TabStop = true;
this.oLnkHelp.Text = "Help";
this.oLnkHelp.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oToolTip1.SetToolTip(this.oLnkHelp, "Click this link to open the ReMP3
application help");
this.oLnkHelp.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkHelp_LinkClicked);
//
// oImgList_16
//
this.oImgList_16.ColorDepth = System.Windows.Forms.ColorDepth.Depth32Bit;
this.oImgList_16.ImageSize = new System.Drawing.Size(16, 16);
this.oImgList_16.ImageStream = ((System.Windows.Forms.ImageListStreamer)
(resources.GetObject("oImgList_16.ImageStream")));
this.oImgList_16.TransparentColor = System.Drawing.Color.Transparent;
//
// oLnkAbout
//
this.oLnkAbout.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkAbout.ImageIndex = 5;
this.oLnkAbout.ImageList = this.oImgList_16;
this.oLnkAbout.Location = new System.Drawing.Point(16, 72);
this.oLnkAbout.Name = "oLnkAbout";
this.oLnkAbout.Size = new System.Drawing.Size(160, 23);
this.oLnkAbout.TabIndex = 1;
this.oLnkAbout.TabStop = true;
this.oLnkAbout.Text = "About";
this.oLnkAbout.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oToolTip1.SetToolTip(this.oLnkAbout, "Click this link to open the about
form");
this.oLnkAbout.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkAbout_LinkClicked);
//
// oShrinkTools
//
this.oShrinkTools.Anchor = ((System.Windows.Forms.AnchorStyles)(((System.Windows
.Forms.AnchorStyles.Top | System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right)));
this.oShrinkTools.BackColor = System.Drawing.Color.White;
this.oShrinkTools.Controls.Add(this.oLnkConvertor);
this.oShrinkTools.Controls.Add(this.oLnkRipper);
this.oShrinkTools.Controls.Add(this.oLnkMedia);
this.oShrinkTools.Controls.Add(this.oLnkMP3Editor);
this.oShrinkTools.Controls.Add(this.oLnkTrackList);
this.oShrinkTools.EndColour = System.Drawing.Color.FromArgb(((System.Byte)(199))
, ((System.Byte)(212)), ((System.Byte)(247)));
this.oShrinkTools.Image = ((System.Drawing.Image)(resources.GetObject(
"oShrinkTools.Image")));
this.oShrinkTools.Location = new System.Drawing.Point(8, 8);
this.oShrinkTools.Name = "oShrinkTools";
this.oShrinkTools.ShrinkPanelCurrentState = sb54_CSAI.GUI.
ShrinkPanelCurrentState.Expanded;
this.oShrinkTools.Size = new System.Drawing.Size(184, 176);
this.oShrinkTools.StartColour = System.Drawing.Color.White;
this.oShrinkTools.TabIndex = 0;
this.oShrinkTools.TitleFont = new System.Drawing.Font("Tahoma", 9F, System.
Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((System.Byte)(0)));
this.oShrinkTools.TitleFontColour = System.Drawing.Color.Navy;
this.oShrinkTools.TitleText = "Tools";
this.oToolTip1.SetToolTip(this.oShrinkTools, "ReMP3 toolbox");
//
// oLnkConvertor
//
this.oLnkConvertor.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
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this.oLnkConvertor.ImageIndex = 10;
this.oLnkConvertor.ImageList = this.oImgList_16;
this.oLnkConvertor.Location = new System.Drawing.Point(16, 136);
this.oLnkConvertor.Name = "oLnkConvertor";
this.oLnkConvertor.Size = new System.Drawing.Size(160, 23);
this.oLnkConvertor.TabIndex = 5;
this.oLnkConvertor.TabStop = true;
this.oLnkConvertor.Text = "WAV to MP3";
this.oLnkConvertor.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oTooltip1.SetToolTip(this.oLnkConvertor, "Click this link to open the audio
CD ripper tab");
this.oLnkConvertor.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkConvertor_LinkClicked);
//
// oLnkRipper
//
this.oLnkRipper.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkRipper.ImageIndex = 8;
this.oLnkRipper.ImageList = this.oImgList_16;
this.oLnkRipper.Location = new System.Drawing.Point(16, 112);
this.oLnkRipper.Name = "oLnkRipper";
this.oLnkRipper.Size = new System.Drawing.Size(160, 23);
this.oLnkRipper.TabIndex = 4;
this.oLnkRipper.TabStop = true;
this.oLnkRipper.Text = "CD Ripper";
this.oLnkRipper.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oTooltip1.SetToolTip(this.oLnkRipper, "Click this link to open the audio CD
ripper tab");
this.oLnkRipper.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkRipper_LinkClicked);
//
// oLnkMedia
//
this.oLnkMedia.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkMedia.ImageIndex = 3;
this.oLnkMedia.ImageList = this.oImgList_16;
this.oLnkMedia.Location = new System.Drawing.Point(16, 88);
this.oLnkMedia.Name = "oLnkMedia";
this.oLnkMedia.Size = new System.Drawing.Size(160, 23);
this.oLnkMedia.TabIndex = 3;
this.oLnkMedia.TabStop = true;
this.oLnkMedia.Text = "Media Library";
this.oLnkMedia.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oTooltip1.SetToolTip(this.oLnkMedia, "Click this link to open the media
library tab");
this.oLnkMedia.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkMedia_LinkClicked);
//
// oLnkMP3Editor
//
this.oLnkMP3Editor.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkMP3Editor.ImageIndex = 4;
this.oLnkMP3Editor.ImageList = this.oImgList_16;
this.oLnkMP3Editor.Location = new System.Drawing.Point(16, 64);
this.oLnkMP3Editor.Name = "oLnkMP3Editor";
this.oLnkMP3Editor.Size = new System.Drawing.Size(160, 23);
this.oLnkMP3Editor.TabIndex = 2;
this.oLnkMP3Editor.TabStop = true;
this.oLnkMP3Editor.Text = "MP3 Editor";
this.oLnkMP3Editor.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oTooltip1.SetToolTip(this.oLnkMP3Editor, "Click this link to open the MP3
editor tab");
this.oLnkMP3Editor.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkMP3Editor_LinkClicked);
//
// oLnkTrackList
//
this.oLnkTrackList.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
this.oLnkTrackList.ImageIndex = 2;
this.oLnkTrackList.ImageList = this.oImgList_16;
this.oLnkTrackList.Location = new System.Drawing.Point(16, 40);
this.oLnkTrackList.Name = "oLnkTrackList";
this.oLnkTrackList.Size = new System.Drawing.Size(160, 23);
```

```
this.oLnkTrackList.TabIndex = 1;
this.oLnkTrackList.TabStop = true;
this.oLnkTrackList.Text = "Media Player";
this.oLnkTrackList.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
this.oTooltip1.SetToolTip(this.oLnkTrackList, "Click this link to open the track
list and media player tab");
this.oLnkTrackList.LinkClicked += new System.Windows.Forms.
LinkLabelLinkClickedEventHandler(this.oLnkTrackList_LinkClicked);
//
// oPnlHomeTools
//
this.oPnlHomeTools.Dock = System.Windows.Forms.DockStyle.Top;
this.oPnlHomeTools.Location = new System.Drawing.Point(0, 80);
this.oPnlHomeTools.Name = "oPnlHomeTools";
this.oPnlHomeTools.Size = new System.Drawing.Size(1008, 20);
this.oPnlHomeTools.TabIndex = 8;
this.oPnlHomeTools.Paint += new System.Windows.Forms.PaintEventHandler(this.
oPnlHomeTools_Paint);
//
// oPnlHomeTop
//
this.oPnlHomeTop.AutoScroll = true;
this.oPnlHomeTop.BackColor = System.Drawing.SystemColors.Control;
this.oPnlHomeTop.Dock = System.Windows.Forms.DockStyle.Top;
this.oPnlHomeTop.Location = new System.Drawing.Point(0, 0);
this.oPnlHomeTop.Name = "oPnlHomeTop";
this.oPnlHomeTop.Size = new System.Drawing.Size(1008, 80);
this.oPnlHomeTop.TabIndex = 7;
this.oPnlHomeTop.Paint += new System.Windows.Forms.PaintEventHandler(this.
oPnlHomeTop_Paint);
//
// oTabTrackList
//
this.oTabTrackList.BackColor = System.Drawing.Color.White;
this.oTabTrackList.Controls.Add(this.oPnlTrackList);
this.oTabTrackList.ImageIndex = 1;
this.oTabTrackList.Location = new System.Drawing.Point(4, 42);
this.oTabTrackList.Name = "oTabTrackList";
this.oTabTrackList.Size = new System.Drawing.Size(1008, 688);
this.oTabTrackList.TabIndex = 3;
this.oTabTrackList.Text = "Media Player";
//
// oPnlTrackList
//
this.oPnlTrackList.BackColor = System.Drawing.Color.Black;
this.oPnlTrackList.Controls.Add(this.uctMediaPlayer1);
this.oPnlTrackList.Controls.Add(this.uctTitledPnlTrackList);
this.oPnlTrackList.Dock = System.Windows.Forms.DockStyle.Fill;
this.oPnlTrackList.Location = new System.Drawing.Point(0, 0);
this.oPnlTrackList.Name = "oPnlTrackList";
this.oPnlTrackList.Size = new System.Drawing.Size(1008, 688);
this.oPnlTrackList.TabIndex = 0;
//
// uctMediaPlayer1
//
this.uctMediaPlayer1.Dock = System.Windows.Forms.DockStyle.Fill;
this.uctMediaPlayer1.Location = new System.Drawing.Point(0, 101);
this.uctMediaPlayer1.Name = "uctMediaPlayer1";
this.uctMediaPlayer1.Size = new System.Drawing.Size(1008, 587);
this.uctMediaPlayer1.TabIndex = 1;
this.uctMediaPlayer1.currentMediaTrack += new SB54_CSAI.MediaPlayerControl.
uctMediaPlayer.CurrentMediaTrackhandler(this.uctMediaPlayer1_currentMediaTrack);
//
// uctTitledPnlTrackList
//
this.uctTitledPnlTrackList.Dock = System.Windows.Forms.DockStyle.Top;
this.uctTitledPnlTrackList.image = ((System.Drawing.Image)(resources.GetObject(
"uctTitledPnlTrackList.image")));
this.uctTitledPnlTrackList.Location = new System.Drawing.Point(0, 0);
this.uctTitledPnlTrackList.mainTitle = "Media Player";
this.uctTitledPnlTrackList.Name = "uctTitledPnlTrackList";
this.uctTitledPnlTrackList.Size = new System.Drawing.Size(1008, 101);
this.uctTitledPnlTrackList.subTitle = "Create And Manage Your Own Track Lists ";
```

```

        this.uctTitledPnlTrackList.TabIndex = 0;
        //
        // oTabMP3Editor
        //
        this.oTabMP3Editor.BackColor = System.Drawing.SystemColors.Control;
        this.oTabMP3Editor.Controls.Add(this.uctMP3Editor1);
        this.oTabMP3Editor.Controls.Add(this.uctTitledPnlMP3Editor);
        this.oTabMP3Editor.ImageIndex = 3;
        this.oTabMP3Editor.Location = new System.Drawing.Point(4, 42);
        this.oTabMP3Editor.Name = "oTabMP3Editor";
        this.oTabMP3Editor.Size = new System.Drawing.Size(1008, 688);
        this.oTabMP3Editor.TabIndex = 6;
        this.oTabMP3Editor.Tag = "An MP3 ID3 Tag editor";
        this.oTabMP3Editor.Text = "MP3 Editor";
        //
        // uctMP3Editor1
        //
        this.uctMP3Editor1.BackColor = System.Drawing.SystemColors.Control;
        this.uctMP3Editor1.Dock = System.Windows.Forms.DockStyle.Fill;
        this.uctMP3Editor1.Location = new System.Drawing.Point(0, 101);
        this.uctMP3Editor1.Name = "uctMP3Editor1";
        this.uctMP3Editor1.RightToLeft = System.Windows.Forms.RightToLeft.Yes;
        this.uctMP3Editor1.Size = new System.Drawing.Size(1008, 587);
        this.uctMP3Editor1.TabIndex = 1;
        //
        // uctTitledPnlMP3Editor
        //
        this.uctTitledPnlMP3Editor.Dock = System.Windows.Forms.DockStyle.Top;
        this.uctTitledPnlMP3Editor.image = ((System.Drawing.Image)(resources.GetObject(
"uctTitledPnlMP3Editor.image")));
        this.uctTitledPnlMP3Editor.Location = new System.Drawing.Point(0, 0);
        this.uctTitledPnlMP3Editor.mainTitle = "MP3 Editor";
        this.uctTitledPnlMP3Editor.Name = "uctTitledPnlMP3Editor";
        this.uctTitledPnlMP3Editor.Size = new System.Drawing.Size(1008, 101);
        this.uctTitledPnlMP3Editor.subTitle = "MP3 ID3 Tag Editor To Allow You To Update
Your Media Details";
        this.uctTitledPnlMP3Editor.TabIndex = 0;
        //
        // oTabMedia
        //
        this.oTabMedia.BackColor = System.Drawing.Color.White;
        this.oTabMedia.Controls.Add(this.oPnlMedia);
        this.oTabMedia.ImageIndex = 2;
        this.oTabMedia.Location = new System.Drawing.Point(4, 42);
        this.oTabMedia.Name = "oTabMedia";
        this.oTabMedia.Size = new System.Drawing.Size(1008, 688);
        this.oTabMedia.TabIndex = 4;
        this.oTabMedia.Text = "Media Library";
        //
        // oPnlMedia
        //
        this.oPnlMedia.BackColor = System.Drawing.SystemColors.Control;
        this.oPnlMedia.Controls.Add(this.uctMediaLibrary1);
        this.oPnlMedia.Controls.Add(this.uctTitledPnlMedia);
        this.oPnlMedia.Dock = System.Windows.Forms.DockStyle.Fill;
        this.oPnlMedia.Location = new System.Drawing.Point(0, 0);
        this.oPnlMedia.Name = "oPnlMedia";
        this.oPnlMedia.Size = new System.Drawing.Size(1008, 688);
        this.oPnlMedia.TabIndex = 0;
        //
        // uctMediaLibrary1
        //
        this.uctMediaLibrary1.BackColor = System.Drawing.SystemColors.Control;
        this.uctMediaLibrary1.Dock = System.Windows.Forms.DockStyle.Fill;
        this.uctMediaLibrary1.Location = new System.Drawing.Point(0, 101);
        this.uctMediaLibrary1.Name = "uctMediaLibrary1";
        this.uctMediaLibrary1.Size = new System.Drawing.Size(1008, 587);
        this.uctMediaLibrary1.TabIndex = 1;
        this.uctMediaLibrary1.addFiles += new SB54_CSAI.MediaLibrary.uctMediaLibrary.
AddFilesHandler(this.uctMediaLibrary1_addFiles);
        //
        // uctTitledPnlMedia
        //

```

```
        this.uctTitledPnlMedia.Dock = System.Windows.Forms.DockStyle.Top;
        this.uctTitledPnlMedia.image = ((System.Drawing.Image)(resources.GetObject(
"uctTitledPnlMedia.image")));
        this.uctTitledPnlMedia.Location = new System.Drawing.Point(0, 0);
        this.uctTitledPnlMedia.mainTitle = "Media Library";
        this.uctTitledPnlMedia.Name = "uctTitledPnlMedia";
        this.uctTitledPnlMedia.Size = new System.Drawing.Size(1008, 101);
        this.uctTitledPnlMedia.subTitle = "Your MutliMedia Catalogue";
        this.uctTitledPnlMedia.TabIndex = 0;
        //
        // oTabCDRipper
        //
        this.oTabCDRipper.Controls.Add(this.oPnlCDRipper);
        this.oTabCDRipper.ImageIndex = 6;
        this.oTabCDRipper.Location = new System.Drawing.Point(4, 42);
        this.oTabCDRipper.Name = "oTabCDRipper";
        this.oTabCDRipper.Size = new System.Drawing.Size(1008, 688);
        this.oTabCDRipper.TabIndex = 7;
        this.oTabCDRipper.Text = "CD Ripper";
        //
        // oPnlCDRipper
        //
        this.oPnlCDRipper.BackColor = System.Drawing.SystemColors.Control;
        this.oPnlCDRipper.Controls.Add(this.uctCDRipper1);
        this.oPnlCDRipper.Controls.Add(this.uctTitledPnlCDRipper);
        this.oPnlCDRipper.Dock = System.Windows.Forms.DockStyle.Fill;
        this.oPnlCDRipper.Location = new System.Drawing.Point(0, 0);
        this.oPnlCDRipper.Name = "oPnlCDRipper";
        this.oPnlCDRipper.Size = new System.Drawing.Size(1008, 688);
        this.oPnlCDRipper.TabIndex = 0;
        //
        // uctCDRipper1
        //
        this.uctCDRipper1.BackColor = System.Drawing.SystemColors.Control;
        this.uctCDRipper1.Dock = System.Windows.Forms.DockStyle.Fill;
        this.uctCDRipper1.Location = new System.Drawing.Point(0, 101);
        this.uctCDRipper1.Name = "uctCDRipper1";
        this.uctCDRipper1.Size = new System.Drawing.Size(1008, 587);
        this.uctCDRipper1.TabIndex = 1;
        //
        // uctTitledPnlCDRipper
        //
        this.uctTitledPnlCDRipper.Dock = System.Windows.Forms.DockStyle.Top;
        this.uctTitledPnlCDRipper.image = ((System.Drawing.Image)(resources.GetObject(
"uctTitledPnlCDRipper.image")));
        this.uctTitledPnlCDRipper.Location = new System.Drawing.Point(0, 0);
        this.uctTitledPnlCDRipper.mainTitle = "Audio CD Ripper";
        this.uctTitledPnlCDRipper.Name = "uctTitledPnlCDRipper";
        this.uctTitledPnlCDRipper.Size = new System.Drawing.Size(1008, 101);
        this.uctTitledPnlCDRipper.subTitle = "Rip Your Favourite Music To Hard Drive,
Making Them Part Of You MultiMedia Catalo" +
        "gue";
        this.uctTitledPnlCDRipper.TabIndex = 0;
        //
        // oTabConvertor
        //
        this.oTabConvertor.Controls.Add(this.uctWAVtoMP3Convertor1);
        this.oTabConvertor.Controls.Add(this.uctTitledPnlConvertor);
        this.oTabConvertor.ImageIndex = 7;
        this.oTabConvertor.Location = new System.Drawing.Point(4, 42);
        this.oTabConvertor.Name = "oTabConvertor";
        this.oTabConvertor.Size = new System.Drawing.Size(1008, 688);
        this.oTabConvertor.TabIndex = 8;
        this.oTabConvertor.Text = "WAV to MP3";
        //
        // uctWAVtoMP3Convertor1
        //
        this.uctWAVtoMP3Convertor1.Dock = System.Windows.Forms.DockStyle.Fill;
        this.uctWAVtoMP3Convertor1.Location = new System.Drawing.Point(0, 101);
        this.uctWAVtoMP3Convertor1.Name = "uctWAVtoMP3Convertor1";
        this.uctWAVtoMP3Convertor1.Size = new System.Drawing.Size(1008, 587);
        this.uctWAVtoMP3Convertor1.TabIndex = 2;
        this.uctWAVtoMP3Convertor1.ChangeTab += new SB54_CSAI.CDRip.uctWAVtoMP3Convertor
```

```
.ChangeTabHandler(this.uctWAVtoMP3Convertor1_ChangeTab);
    //
    // uctTitledPnlConvertor
    //
    this.uctTitledPnlConvertor.Dock = System.Windows.Forms.DockStyle.Top;
    this.uctTitledPnlConvertor.image = ((System.Drawing.Image)(resources.GetObject(
"uctTitledPnlConvertor.image")));
    this.uctTitledPnlConvertor.Location = new System.Drawing.Point(0, 0);
    this.uctTitledPnlConvertor.mainTitle = "Convert WAV Files To MP3 Files";
    this.uctTitledPnlConvertor.Name = "uctTitledPnlConvertor";
    this.uctTitledPnlConvertor.Size = new System.Drawing.Size(1008, 101);
    this.uctTitledPnlConvertor.subTitle = "Turn Those WAV Files That You Recorded
Into Useful Compact MP3\'s, Allowing Them T" +
        "o Store ID3 Information";
    this.uctTitledPnlConvertor.TabIndex = 1;
    //
    // oImgList_32
    //
    this.oImgList_32.ImageSize = new System.Drawing.Size(32, 32);
    this.oImgList_32.ImageStream = ((System.Windows.Forms.ImageListStreamer)
(resources.GetObject("oImgList_32.ImageStream")));
    this.oImgList_32.TransparentColor = System.Drawing.Color.Transparent;
    //
    // oMainMenu
    //
    this.oMainMenu.MenuItems.AddRange(new System.Windows.Forms.MenuItem[] {
this.oMnuFile,
this.oMnuTabs,
this.oMnuHelpAbout});
    //
    // oMnuFile
    //
    this.oMnuFile.Index = 0;
    this.oMnuFile.MenuItems.AddRange(new System.Windows.Forms.MenuItem[] {
this.oMnuExit});
    this.oMnuFile.RadioCheck = true;
    this.oMnuFile.Text = "File";
    //
    // oMnuExit
    //
    this.oMnuExit.Index = 0;
    this.oMnuIcons.SetMenuIcons(this.oMnuExit, "6");
    this.oMnuExit.OwnerDraw = true;
    this.oMnuExit.Shortcut = System.Windows.Forms.Shortcut.CtrlE;
    this.oMnuExit.Text = "&Exit";
    this.oMnuExit.Click += new System.EventHandler(this.oMnuExit_Click);
    //
    // oMnuTabs
    //
    this.oMnuTabs.Index = 1;
    this.oMnuTabs.MenuItems.AddRange(new System.Windows.Forms.MenuItem[] {
this.oMnuHome,
this.oMnuTrackList,
this.oMnuMP3Editor,
this.oMnuMedia,
this.oMnuRipper,
this.oMnuConvertor});
    this.oMnuTabs.ShowShortcut = false;
    this.oMnuTabs.Text = "Tabs";
    //
    // oMnuHome
    //
    this.oMnuHome.Index = 0;
    this.oMnuIcons.SetMenuIcons(this.oMnuHome, "0");
    this.oMnuHome.OwnerDraw = true;
    this.oMnuHome.Shortcut = System.Windows.Forms.Shortcut.CtrlH;
    this.oMnuHome.Text = "&Home";
    this.oMnuHome.Click += new System.EventHandler(this.oMnuHome_Click);
    //
    // oMnuTrackList
    //
    this.oMnuTrackList.Index = 1;
    this.oMnuIcons.SetMenuIcons(this.oMnuTrackList, "2");
```

```
this.oMnuTrackList.OwnerDraw = true;
this.oMnuTrackList.Shortcut = System.Windows.Forms.Shortcut.CtrlP;
this.oMnuTrackList.Text = "Media &Player";
this.oMnuTrackList.Click += new System.EventHandler(this.oMnuTrackList_Click);
//
// oMnuMP3Editor
//
this.oMnuMP3Editor.Index = 2;
this.oMnuIcons.SetMenuIcons(this.oMnuMP3Editor, "4");
this.oMnuMP3Editor.OwnerDraw = true;
this.oMnuMP3Editor.Shortcut = System.Windows.Forms.Shortcut.Ctrl3;
this.oMnuMP3Editor.Text = "MP&3 Editor";
this.oMnuMP3Editor.Click += new System.EventHandler(this.oMnuMP3Editor_Click);
//
// oMnuMedia
//
this.oMnuMedia.Index = 3;
this.oMnuIcons.SetMenuIcons(this.oMnuMedia, "3");
this.oMnuMedia.OwnerDraw = true;
this.oMnuMedia.Shortcut = System.Windows.Forms.Shortcut.CtrlM;
this.oMnuMedia.Text = "&Media Library";
this.oMnuMedia.Click += new System.EventHandler(this.oMnuMedia_Click);
//
// oMnuRipper
//
this.oMnuRipper.Index = 4;
this.oMnuIcons.SetMenuIcons(this.oMnuRipper, "8");
this.oMnuRipper.OwnerDraw = true;
this.oMnuRipper.Shortcut = System.Windows.Forms.Shortcut.CtrlR;
this.oMnuRipper.Text = "CD &Ripper";
this.oMnuRipper.Click += new System.EventHandler(this.oMnuRipper_Click);
//
// oMnuConvertor
//
this.oMnuConvertor.Index = 5;
this.oMnuIcons.SetMenuIcons(this.oMnuConvertor, "10");
this.oMnuConvertor.OwnerDraw = true;
this.oMnuConvertor.Shortcut = System.Windows.Forms.Shortcut.CtrlT;
this.oMnuConvertor.Text = "WAV to MP3 Conver&tor";
this.oMnuConvertor.Click += new System.EventHandler(this.oMnuConvertor_Click);
//
// oMnuHelpAbout
//
this.oMnuHelpAbout.Index = 2;
this.oMnuHelpAbout.MenuItems.AddRange(new System.Windows.Forms.MenuItem[] {
this.oMnuHelp,
this.oMenuSep3,
this.oMnuAbout});
this.oMnuHelpAbout.Text = "Help && About";
//
// oMnuHelp
//
this.oMnuHelp.Index = 0;
this.oMnuIcons.SetMenuIcons(this.oMnuHelp, "7");
this.oMnuHelp.OwnerDraw = true;
this.oMnuHelp.Shortcut = System.Windows.Forms.Shortcut.F1;
this.oMnuHelp.Text = "Help";
this.oMnuHelp.Click += new System.EventHandler(this.oMnuHelp_Click);
//
// oMenuSep3
//
this.oMenuSep3.Index = 1;
this.oMnuIcons.SetMenuIcons(this.oMenuSep3, null);
this.oMenuSep3.OwnerDraw = true;
this.oMenuSep3.Text = "-";
//
// oMnuAbout
//
this.oMnuAbout.Index = 2;
this.oMnuIcons.SetMenuIcons(this.oMnuAbout, "5");
this.oMnuAbout.OwnerDraw = true;
this.oMnuAbout.Shortcut = System.Windows.Forms.Shortcut.CtrlA;
this.oMnuAbout.Text = "&About Re-MP3";
```

```

        this.oMnuAbout.Click += new System.EventHandler(this.oMnuAbout_Click);
        //
        // oMnuIcons
        //
        this.oMnuIcons.ImageList = this.oImgList_16;
        //
        // FrmMain
        //
        this.AutoScaleBaseSize = new System.Drawing.Size(5, 13);
        this.AutoScroll = true;
        this.ClientSize = new System.Drawing.Size(1016, 734);
        this.Controls.Add(this.oPanel2);
        this.Icon = ((System.Drawing.Icon)(resources.GetObject("$this.Icon")));
        this.MaximumSize = new System.Drawing.Size(1280, 1024);
        this.Menu = this.oMainMenu;
        this.MinimumSize = new System.Drawing.Size(1024, 768);
        this.Name = "FrmMain";
        this.SizeGripStyle = System.Windows.Forms.SizeGripStyle.Hide;
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "Re-MP3 : The Remote MP3 Player";
        this.Load += new System.EventHandler(this.FrmMain_Load);
        this.oPanel2.ResumeLayout(false);
        this.oTabControl1.ResumeLayout(false);
        this.oTabHome.ResumeLayout(false);
        this.oPanelToolsMain.ResumeLayout(false);
        this.oPanelToolsList.ResumeLayout(false);
        this.oPanelShrinks.ResumeLayout(false);
        ((System.ComponentModel.ISupportInitialize)(this.oShrBar)).EndInit();
        this.oShrBar.ResumeLayout(false);
        this.oShrinkHelpAbout.ResumeLayout(false);
        this.oShrinkTools.ResumeLayout(false);
        this.oTabTrackList.ResumeLayout(false);
        this.oPnlTrackList.ResumeLayout(false);
        this.oTabMP3Editor.ResumeLayout(false);
        this.oTabMedia.ResumeLayout(false);
        this.oPnlMedia.ResumeLayout(false);
        this.oTabCDRipper.ResumeLayout(false);
        this.oPnlCDRipper.ResumeLayout(false);
        this.oTabConvertor.ResumeLayout(false);
        this.ResumeLayout(false);
    }
    #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 (oImgArtWork != null) { oImgArtWork.Dispose(); }
        }
        //call base class Dispose
        base.Dispose( disposing );
    }

    /// <summary>
    /// The main entry point for the application.
    /// No command line argument are expected
    /// </summary>
    [STAThread]
    static void Main()
    {
        //<feature>
        //Windows XP makes use of 2 types of common control comctl32.dll, however
        //only v6 provides theming facilities using the UxTheme.Dll. After lots of
        //messing around I found the following article which allows the controls to

```

```
//be themed correctly.
//http://blogs.msdn.com/rprabhu/archive/2003/09/28/56540.aspx#62583
//This article shows how to correctly switch the Windows XP
//common controls from v5.8 (Non themed to v6.0 themed)
//Essentially, when you call Application.EnableVisualStyles, we set
//up an activation context around the application's message loop
//provided by (Application.Run() method), so that comctl32 function calls
//can be properly redirected to comctl32 v6.0.
//like
//
//Application.EnableVisualStyles();
//Application.DoEvents();
////Run new application
//Application.Run(new FrmClientLoader());
//
//That way, you don't need to include a manifest with your app.
// </feature>
//
//However after i'd nearly completed my code, this method started to play up
//and started generating a InteropServices.SEHException: External component has
//thrown an exception. Which I looked into, and found the following article
//http://support.microsoft.com/default.aspx?scid=kb;en-us;830033
//which now solves the unknown issue with the SEHException being raised
//and provides un-buggy Theming.

//So create the theming the using the correct approach, by using the
//EnableThemingInScope class
using( new EnableThemingInScope( true ) )
{
    FrmMain fMain = new FrmMain();
    fMain.CreateControl();
    Application.Run(fMain);
}
}
#endregion
#region Private Methods
#region Remoting
/// <summary>
/// Sets up the <see cref="sb54_CSAI.remoteInterfaces.RemotingObject">RemotingObject
</see>
/// </summary>
private void setUpRemoting()
{
    // Start the remoting services
    try
    {
        //create and register the channel
        TcpChannel channel = new TcpChannel(8000);
        ChannelServices.RegisterChannel(channel);
        // Create a new remoteable object
        oRemService = new RemotingObject();
        oRemService.InitializeLifetimeService();
        // Create a single marshaled object
        oRemoteObj = RemotingServices.Marshal(oRemService, "TcpService");
        // provide marshaled object with reference to Application
        oRemService.theMainForm = ( IServerRemoting) this;
    }
    catch(Exception ex)
    {
        MessageBox.Show("Problem with Remoting in FrmMain : " +
            "\r\n\r\n\r\n" + ex.Message,
            "Remoting Services ERROR", MessageBoxButtons.OK,
            MessageBoxIcon.Error);
    }
}
/// <summary>
/// Informs the <see cref="sb54_CSAI.remoteInterfaces.RemotingObject">RemotingObject
</see>
/// that there is a new media item available. If a <see cref="sb54_CSAI.ClientApp.
frmClient">ReMP3 Client</see>
/// is connected, is will be informed of this new track by waking up the blocked
ReMP3 media track thread.
```

```
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void uctMediaPlayer1_currentMediaTrack(object sender, SB54_CSAI.
MediaPlayerControl.CurrentMediaTrackEventArgs e)
    {
        oRemService.setNewTrack(e.TrackName);
    }

    #region IServerRemoting Members

    /// <summary>
    /// Dummy method to test Remoting Setup, simply called by client to
    /// test the Remoting link when 1st established.
    /// </summary>
    public void DoLoaderCall()
    {
        //Dummy method to test Remoting Setup, simply called by client to
        //test the Remoting link when 1st established.
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
call the
    /// cmdREW() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
Embedded Media Player</see>
    /// control
    /// </summary>
    public void DoExecuteREW()
    {
        uctMediaPlayer1.cmdREW();
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
call the
    /// cmdFF() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
Embedded Media Player</see>
    /// control
    /// </summary>
    public void DoExecuteFF()
    {
        uctMediaPlayer1.cmdFF();
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
call the
    /// cmdSTOP() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
Embedded Media Player</see>
    /// control
    /// </summary>
    public void DoExecuteSTOP()
    {
        uctMediaPlayer1.cmdSTOP();
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
call the
    /// addFiles() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
Embedded Media Player</see>
    /// control. These files are added to the end of the already queued tracks of the
Media Player
    /// </summary>
    /// <param name="files">The files to add to the <see cref="SB54_CSAI.
MediaPlayerControl.uctMediaPlayer">
Embedded Media Player</see></param>
    public void DoExecuteADD_PLAY(string[] files)
    {
        uctMediaPlayer1.addFiles(files);
        uctMediaPlayer1.cmdPLAY();
    }
}
```

```

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
    call the
    /// addFiles() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
    >Embedded Media Player</see>
    /// control. These files will replace any queued tracks of the Media Player
    /// </summary>
    /// <param name="files">The files to add to the <see cref="SB54_CSAI.
    MediaPlayerControl.uctMediaPlayer">
    /// Embedded Media Player</see></param>
    public void DoExecuteCLEAR_PLAY(string[] files)
    {
        uctMediaPlayer1.cmdCLEAR();
        uctMediaPlayer1.cmdSTOP();
        uctMediaPlayer1.addFiles(files);
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
    call the
    /// cmdPLAY() method of the <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">
    Embedded Media Player</see>
    /// control.
    /// </summary>
    public void DoExecutePLAY()
    {
        uctMediaPlayer1.cmdPLAY();
    }

    /// <summary>
    /// Causes the <see cref="sb54_CSAI.ServerApp.FrmMain">ServerApp FrmMain</see> to
    call the
    /// getTrackList() method of the <see cref="SB54_CSAI.MediaPlayerControl.
    uctMediaPlayer">Embedded Media Player</see>
    /// control.
    /// </summary>
    /// <returns>A array of strings that represent the <see cref="sb54_CSAI.ServerApp.
    FrmMain">ServerApp FrmMain</see>
    /// hosted <see cref="SB54_CSAI.MediaPlayerControl.uctMediaPlayer">Media Player</
    see></returns>
    public string[] DoGetPlayerTracks()
    {
        return uctMediaPlayer1.getTrackList();
    }

#endregion
#endregion
#region Look and Feel Methods

    /// <summary>
    /// Simply gets the logo image from the assembly resource file
    /// </summary>
    private void createPanelLogo()
    {
        //Get the image to paint from the embedded resource file associated with this
    assembly
        try
        {
            //initialise with a default image
            oImgArtWork = null ;
            System.IO.Stream stream = null;
            stream = this.GetType().Assembly.GetManifestResourceStream("ServerApp.
    remp3_blue_logo.gif") ;
            oImgArtWork = Image.FromStream(stream) ;
        }
        catch(Exception ex)
        {
            MessageBox.Show("Problem with loading image (ServerApp.remp3_logo.gif) in
    FrmMain : " +
                "\r\n\r\n\r\n" + ex.Message,
                "Remoting Services ERROR", MessageBoxButtons.OK,
                MessageBoxIcon.Error);
        }
    }

```

```

    }
}

/// <summary>
/// Event handler that occurs when the main oPnlHomeTop paints
/// Simply paints the main oPnlHomeTop panel with a custom paint and logo
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oPnlHomeTop_Paint(object sender, System.Windows.Forms.PaintEventArgs e)
{
    base.OnPaint(e);
    //draw the rectangle
    Graphics g = e.Graphics;

    Pen penCornBlue = new Pen(Color.CornflowerBlue);
    Rectangle r = oPnlHomeTop.Bounds;
    g.DrawRectangle(penCornBlue,r);
    Brush sBrush = new SolidBrush(Color.CornflowerBlue);
    g.FillRectangle(sBrush,r);
    //draw the image
    int xpos = (int)(oPnlHomeTop.Width/2) - (oImgArtWork.Width/2);
    int ypos = (int)(oPnlHomeTop.Height/2) - (oImgArtWork.Height/2);
    g.DrawImage(oImgArtWork,xpos,ypos,oImgArtWork.Width,oImgArtWork.Height);
}

/// <summary>
/// Event handler that occurs when the main oPnlHomeTools paints
/// Simply paints the main oPnlHomeTools panel with a custom paint
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oPnlHomeTools_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,oPnlHomeTools.Size.Width,oPnlHomeTools.Size.
Height);
    g.DrawRectangle(penBlack,r);
    Brush divBrush = new HatchBrush(HatchStyle.Divot,Color.Gray,Color.Black);
    g.FillRectangle(divBrush,r);
    //draw the text
    Brush whBrush = new SolidBrush(Color.White);
    Font f = new Font("Tahoma",8,FontStyle.Bold);
    Point drawPoint = new Point(5, 2);
    // Draw string to screen.
    g.DrawString("Please Make Tool Selection",f,whBrush,drawPoint);
}

/// <summary>
/// Selects the tab that the index parameter specifies
/// </summary>
/// <param name="index">the index of the tab to select</param>
private void selectTab(int index)
{
    //select the new tab
    oTabControl1.SelectedIndex =index;
}

/// <summary>
/// Simply create and show a new About Form
/// </summary>
private void showAboutForm()
{
    try
    {
        oFrmAbout = new FrmAbout();
        oFrmAbout.ShowDialog(this);
    }
}

```

```
    }
    catch (Exception ex)
    {
        MessageBox.Show("Problem with loading oFrmAbout " +
            "\r\n\r\n\r\n" + ex.Message,
            "Form Loading ERROR", MessageBoxButtons.OK,
            MessageBoxIcon.Error);
    }
}

#endregion
#region GUI Interactions
/// <summary>
/// Simply store the assemblies version in the <see cref="ConfigInfo">ConfigInfo </
see> object
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void FrmMain_Load(object sender, System.EventArgs e)
{
    ConfigInfo.appVersion = Application.ProductVersion;
}

/// <summary>
/// Simply selects the home tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuHome_Click(object sender, System.EventArgs e)
{
    selectTab(0);
}

/// <summary>
/// Simply selects the Media Player tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuTrackList_Click(object sender, System.EventArgs e)
{
    selectTab(1);
}

/// <summary>
/// Simply selects the Media Library tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuMedia_Click(object sender, System.EventArgs e)
{
    selectTab(3);
}

/// <summary>
/// Simply selects the MP3Editor tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuMP3Editor_Click(object sender, System.EventArgs e)
{
    selectTab(2);
}

/// <summary>
/// Select which ever tab the user clicked on
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oTabControl1_SelectedIndexChanged(object sender, System.EventArgs e)
{
    selectTab(oTabControl1.SelectedIndex);
}
}
```

```
    /// <summary>
    /// Simply selects the Media Player tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oLnkTrackList_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
    {
        selectTab(1);
    }

    /// <summary>
    /// Simply selects the Media Library tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oLnkMedia_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
    {
        selectTab(3);
    }

    /// <summary>
    /// Simply selects the MP3Editor tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oLnkMP3Editor_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
    {
        selectTab(2);
    }

    /// <summary>
    /// Checks to see which item from the listbox the user has selected, and then
changes to that tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oLstHomeTools_SelectedIndexChanged(object sender, System.EventArgs e)
    {
        //if no item selected, return
        if ( oLstHomeTools.SelectedItems.Count == 0)
        {
            return;
        }

        String selItm="";
        //there will only ever be 1 selected ListView item, as MultiSelect is False
        foreach ( ListViewItem itm in oLstHomeTools.SelectedItems)
        {
            selItm = itm.Text;
        }
        //switch to new tab
        switchTab(selItm);
    }

    /// <summary>
    /// Switches to the tab that has the text that the tabtext parameter specifies
    /// </summary>
    /// <param name="tabtext">The text of the tab to change to</param>
    private void switchTab(string tabtext)
    {
        //so simply find out which tav should be selected, then select the new tab
        switch(tabtext)
        {
            case "Media Player":
                selectTab(1);
                break;
            case "MP3 Editor":
                selectTab(2);
                break;
            case "Media Library":
```

```

        selectTab(3);
        break;
    case "CD Ripper":
        selectTab(4);
        break;
    case "WAV to MP3 Converter":
        selectTab(5);
        break;
    default:
        Console.WriteLine("Invalid selection. Please choose from icons provided
(1-4)");
        break;
    }
}

/// <summary>
/// Show the about form
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oLnkAbout_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
{
    showAboutForm();
}

/// <summary>
/// Show the about form
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuAbout_Click(object sender, System.EventArgs e)
{
    showAboutForm();
}

/// <summary>
/// Asks the user if they want to exit. If they confirm they do the application is
exited
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oMnuExit_Click(object sender, System.EventArgs e)
{
    DialogResult dlgResult = MessageBox.Show("Are you sure you want to quit",
        "Confirmation", MessageBoxButtons.YesNo,
        MessageBoxIcon.Question);
    if (dlgResult == DialogResult.Yes)
    {
        //once application stops, this code is run
        try
        {
            RemotingServices.Unmarshal(oRemoteObj);
            RemotingServices.Disconnect(oRemService);
            Application.Exit();
        }
        catch(Exception ex)
        {
            MessageBox.Show("Problem with Remoting in FrmMain : " +
                "\r\n\r\n\r\n" + ex.Message,
                "Remoting Services ERROR", MessageBoxButtons.OK,
                MessageBoxIcon.Error);
        }
    }
}

/// <summary>
/// Simply selects the CD Ripper tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>

```

```
    /// <param name="e">The event arguments</param>
    private void oLnkRipper_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
    {
        selectTab(4);
    }

    /// <summary>
    /// Simply selects the CD Ripper tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oMnuRipper_Click(object sender, System.EventArgs e)
    {
        selectTab(4);
    }

    /// <summary>
    /// Simply selects the MP3 Converter tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oMnuConverter_Click(object sender, System.EventArgs e)
    {
        selectTab(5);
    }

    /// <summary>
    /// Simply selects the MP3 Converter tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oLnkConverter_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
    {
        selectTab(5);
    }

    /// <summary>
    /// Checks to see which tab item from the <see cref="SB54_CSAI.CDRip.
uctWAVtoMP3Converter1">uctWAVtoMP3Converter1 </see>
    /// the user has selected, and then changes to that tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void uctWAVtoMP3Converter1_ChangeTab(object sender, SB54_CSAI.CDRip.
ChangeTabEventArgs e)
    {
        //get the selected item
        String selItm=e.requestedTab.ToString();
        //switch to new tab
        switchTab(selItm);
    }

    /// <summary>
    /// Event handler that occurs when the user selects the AddFiles menu within the
    /// <see cref="SB54_CSAI.MediaLibrary.uctMediaLibrary ">embedded media library </
see>
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void uctMediaLibrary1_addFiles(object sender, SB54_CSAI.MediaLibrary.
AddFilesEventArgs e)
    {
        uctMediaPlayer1.addFiles(e.PlayableFiles);
    }

    /// <summary>
    /// Load the help for for the currently selected tab
    /// </summary>
    /// <param name="sender">The source object that raised the event</param>
    /// <param name="e">The event arguments</param>
    private void oMnuHelp_Click(object sender, System.EventArgs e)
```

```

    {
        showHelp();
    }
#endregion

/// <summary>
/// Load the help for for the currently selected tab
/// </summary>
/// <param name="sender">The source object that raised the event</param>
/// <param name="e">The event arguments</param>
private void oLnkHelp_LinkClicked(object sender, System.Windows.Forms.
LinkLabelLinkClickedEventArgs e)
{
    showHelp();
}

/// <summary>
/// Load the help for for the currently selected tab
/// </summary>
private void showHelp()
{
    //find out which tab is active
    string currentTab = oTabControl1.SelectedTab.Text;
    string currenthelpTopic="";

    //which help topic should be shown
    switch(currentTab)
    {
        case "Home":
            currenthelpTopic="Home.htm";
            break;
        case "Media Player":
            currenthelpTopic="Media Player.htm";
            break;
        case "MP3 Editor":
            currenthelpTopic="MP3 Editor.htm";
            break;
        case "Media Library":
            currenthelpTopic="Media Library.htm";
            break;
        case "CD Ripper":
            currenthelpTopic="CD Ripper.htm";
            break;
        case "WAV to MP3":
            currenthelpTopic="WAV to MP3 Convertor.htm";
            break;
        default:
            currenthelpTopic="Home.htm";
            break;
    }
    //now show the help
    Help.ShowHelp(this,Application.StartupPath + @"\ServerApp_HELP\ServerApp.chm",
currenthelpTopic);
}

#endregion

}
#endregion
}

```