

## RSS

```
namespace RSSFeedSpeedReader
{
    partial class frmRss
    {
        private System.ComponentModel.IContainer components = null;

        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        private void InitializeComponent()
        {
            System.ComponentModel.ComponentResourceManager resources = new
            System.ComponentModel.ComponentResourceManager(typeof(frmRss));
            this.toolStrip1 = new System.Windows.Forms.ToolStrip();
            this.tsRssLocation = new System.Windows.Forms.ToolStripTextBox();
            this.tsRssGo = new System.Windows.Forms.ToolStripButton();
            this.tsCboFeeds = new System.Windows.Forms.ToolStripComboBox();
            this.splitContainer1 = new System.Windows.Forms.SplitContainer();
            this.tvwRss = new System.Windows.Forms.TreeView();
            this.webBrowser1 = new System.Windows.Forms.WebBrowser();
            this.toolStrip1.SuspendLayout();
            this.splitContainer1.Panel1.SuspendLayout();
            this.splitContainer1.Panel2.SuspendLayout();
            this.splitContainer1.SuspendLayout();
            this.SuspendLayout();
            this.toolStrip1.Items.AddRange(new System.Windows.Forms.ToolStripItem[] {

this.tsRssLocation,
this.tsRssGo,
this.tsCboFeeds});
            this.toolStrip1.Location = new System.Drawing.Point(0, 0);
            this.toolStrip1.Name = "toolStrip1";
            this.toolStrip1.Size = new System.Drawing.Size(809, 25);
            this.toolStrip1.TabIndex = 0;
            this.toolStrip1.Text = "toolStrip1";
            this.tsRssLocation.Name = "tsRssLocation";
            this.tsRssLocation.Size = new System.Drawing.Size(400, 25);
            this.tsRssLocation.Text = "http://rss.news.yahoo.com/rss/topstories";

            this.tsRssGo.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image;
```

```
mRssUrl = string.Empty;
}

private void tsRssGo_Click(object sender, EventArgs e)
{
    try
    {
        mRssUrl = this.tsRssLocation.Text;

        tvwRss.Nodes.Clear();

        this.Cursor = Cursors.WaitCursor;

        XmlDocument doc = new XmlDocument();

        try
        {
            doc.Load(mRssUrl);

            this.Cursor = Cursors.Default;
        }
        catch (Exception ex1)
        {
            this.Cursor = Cursors.Default;

            MessageBox.Show(ex1.Message);
            return;
        }
    }
}
```

```

try
{
    // look for the path to the rss item titles; navigate
    // through the nodes to get all titles
    XPathNodeIterator nodes = navigator.Select("//rss/channel/item/title");
    while (nodes.MoveNext())
    {
        // clean up the text for display
        XPathNavigator node = nodes.Current;
        string tmp = node.Value.Trim();
        tmp = tmp.Replace("\n", "");
        tmp = tmp.Replace("\r", "");

        // add a new treeview node for this
        // news item title
        tvwRss.Nodes.Add(tmp);
    }

    // set a position counter
    int position = 0;

    // Get the links from the RSS feed
    XPathNodeIterator nodesLink = navigator.Select("//rss/channel/item/link");
    while (nodesLink.MoveNext())
    {
        // clean up the link
        XPathNavigator node = nodesLink.Current;
        string tmp = node.Value.Trim();
        tmp = tmp.Replace("\n", "");
        tmp = tmp.Replace("\r", "");
    }
}

```

```

XPathNodeIterator nodesLink = navigator.Select("//rss/channel/item/link");
while (nodesLink.MoveNext())
{
    // clean up the link
    XPathNavigator node = nodesLink.Current;
    string tmp = node.Value.Trim();
    tmp = tmp.Replace("\n", "");
    tmp = tmp.Replace("\r", "");

    // use the position counter
    // to add a link child node
    // to each news item title
    tvwRss.Nodes[position].Nodes.Add(tmp);

    // increment the position counter
    position++;
}
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message, "RSS Feed Load Error");
}

// restore the cursor
this.Cursor = Cursors.Default;
tvwRss.ExpandAll();
}
catch (Exception ex2)
{
    // snitch
    MessageBox.Show(ex2.ToString(), "RSS Feed Initialization Failure");
}
}

```