Modify Nodes and Write XML Files

Paul D. Sheriff
BUSINESS SOLUTIONS ARCHITECT, FAIRWAY
TECHNOLOGIES, INC.
www.fairwaytech.com   psheriff@fairwaytech.com

Module Goals

Add, edit, and delete XML nodes

Write XML data to disk

Modify Data in XML Document

Add

Create new node and call Add() method

Edit

Select node and make changes to element value(s)

Delete

Select node and call Remove() method

Demo

Build an empty XML document

Build a single-node XML document

Demo

Use the Parse() method

Demo

Add a node

Demo

Update a node

Demo

Delete a node

Write XML to Disk

Writing to Disk

Use XDocument

Use XmlWriter

(Can add formatting)

Use DataSet

(Can write XSD also)

Demo

Write XML using the XDocument class

XmlWriter Class

Don't have a XML document

Writing element by element

Demo

Write XML using the XmlWriter class

Format the XML document

Demo

Write XML using the DataSet class
- XML
- XSD

Summary

Modifying XML is easy using XElement

- Add, edit and delete nodes

Can write XML with or without formatting

- XmlWriter is for writing element by element

- XDocument and DataSet write complete documents

Coming up in the next module...

Store and restore .NET objects as XML