**Code Sample: Parse XML Menu and Write Items to Console**

**The scenario**

There are two teams of developers. One team of .Net, and the other team Java. As end users navigate from page to page, they should not notice whether they’re on a .Net page or a Java page. Therefore both teams need to be able to draw the exact same menu, so there is a shared XML document to define the menu structure.

**The code sample**

Two text files with XML menus for each of the applications. The code sample is a C# console application written in Visual Studio that does all of the following:

* Accepts two arguments: first, a path to a menu .xml file (e.g. “c:\schedulemenu1.xml”); second an active path to match (e.g. “/default.aspx”)
* Parses the XML document, ignoring any XML content not required for this application
* Identifies currently-active menu items — a menu item is active if it or one of its children has a path matching the second argument
* Writes the parsed menu to the console:

1. Shows the display name and the path structure for each menu item
2. Indents the submenu items
3. Prints the word “ACTIVE” next to any active menu items.

When the application is ran from the command line, you will see something like this:

c:>MenuSample.exe c:\ScheduleMenu1.xml /Requests/OpenQuotes.aspx

Home, /Default.aspx

Trips, /Requests/Quotes/CreateQuote.aspx ACTIVE

Create Quote/Trip, /Requests/Quotes/CreateQuote.aspx

Open Quotes, /Requests/OpenQuotes.aspx ACTIVE

Scheduled Trips, /Requests/Trips/ScheduledTrips.aspx

Company, /mvc/company/view

Customers, /customers/customers.aspx

Pilots, /pilots/pilots.aspx

Aircraft, /aircraft/Aircraft.aspx