**XmlElement**

Purpose:

This project contains two packages: XmlDocument and XmlElement. Together they provide the capability to build, edit, search, and display XML data programmatically.

They provide these classes:

1. XmlDocument:  
   Wraps an abstract syntax tree of XmlElements with user friendly interface.
2. AbstractXmlElement:  
   Base class providing an interface for all operations on XmlElements.
3. DocElement:  
   Holds the XML document’s prolog, XML root, and epilog.
4. TaggedElement:  
   Represents all “typical” XML elements with tags, children, and attributes.
5. TextElement:  
   Holds only text, no markup.
6. CommentElement:  
   Holds only XML comments.
7. ProcInstrElement:  
   Represents XML processing instructions.
8. XmlDeclarElement:  
   Represents XML declarations – always first in an XmlDocument

Jim Fawcett

CSE687 – Object Oriented Design

Spring 2015