

CIS 8020 Systems Integration Fall 2009

Assignment #1: XML/XSLT

Due Date: Oct 6th 2009

Instruction:

Your blogs on blogspot.com can be published as an Atom feed (XML file). For example, <http://cis8020.blogspot.com/feeds/posts/default> is the feed file URL for the course blog.

1. Save your blog's Atom file to your local drive.
2. Your task is to develop two XSLT files:
 - One XSLT file transforms the Atom file to HTML based webpage.
 - One XSLT file transforms the Atom file to RSS 2.0 based file. You can view a sample RSS 2.0 format at <http://en.wikipedia.org/wiki/RSS>
3. You can either do this by directly writing XSLT files, or using a visual mapping tool and generating XSLT files.

Recommended tools:

- <http://www.shell-tools.net/index.php?op=xslt> is an easy tool for generating output files.
- Visual Studio 2008 can automatically align elements in the XML file. It provides HTML transformation preview. It also has a good XSLT debugger.
- MapForce is a good visual tool to transform between XML schemas. It has a trial version up to 30 days of use.

Submission:

This is an individual assignment. Please complete it by yourself. Email the following files to the instructor by the due date:

1. One original Atom file of your blogs.
2. Two XSLT files that transform the Atom file into HTML and RSS 2.0.
3. Two transformed output files: one for HTML, and one for RSS 2.0.

Please Email me the five files with an email subject line in this format:
CIS 8020 Assignment 1 [FirstName Lastname]