

# CIS-3152 Lab

## XSLT

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Last Revised: March 28, 2014

## Introduction

In this lab you will experiment with XSLT by creating a style sheet that converts the course evaluation markup language you explored in the previous lab into XHTML.

## 1 Procedure

Using the sample CEML instance document on the class web site, create an XSLT style sheet that converts CEML to XHTML in a “reasonable” way. You can use the Xalan XSLT processor on HackBox to to the actual conversion. Xalan has been installed with a shell script that can be used as follows.

```
$ xalan input.xml style.xsl output.html
```

This syntax follows the diagram of an XSLT processor provided in the class notes. The input document is on the left. It is processed using the style sheet in the middle. The result is an output document on the right. You can view the output document in a web browser.

I encourage you to be creative, but for the purposes of this lab you don’t have to format all the information in the CEML document. Be sure your output displays at least the basic information about the course, about the faculty member, and about each question on the evaluation form. For example, you might display each question and its average score (only). It is not necessary to style an entire docu-

ment; in fact it is common not to do so. The purpose of this lab is just to give you a feeling for XSLT.

## 2 Report

Turn in your style sheet. Be sure to include your name on it. There is no formal report.