

CCSU
COMPUTER SCIENCE DEPARTMENT
COLLOQUIUM

Wednesday, December 5, 2007
4:00 – 5:15 p.m.
Maria Sanford Hall – Room 203

“CREATING YOUR FIRST TOPIC MAP”

EDWARD IGLESIAS
SYSTEMS LIBRARIAN
CENTRAL CONNECTICUT STATE UNIVERSITY

ABSTRACT

Focused discussion of how and why to build a Topic Map. Every effort will be made to demystify the process using freely available open source automation tools. In an hour the presenter will create a very basic Topic Map based on the XTM standard. The audience will be encouraged to participate by adding relationships to the subject. Once the basic structure is created a very simple XML transformation will be performed using the open source Saxon processor and XSLT to generate viewable HTML pages. All software used will be Open Source and readily available for download.

1. Basic explanation of XTM and relationships (15 min)
2. Review of tools used and where to get them (10 min)
3. Creation of Topic Map in an editor (20 min)
4. Generating XHTML using Saxon and xtm2xhtml.xslt (5 min)
5. Viewing in a browser and showing relationships (10 min)
6. Other Topic Maps/Question and Answer (15 min)