

There's More than One Way to Groom a Cat(a)log:

Technologies for Data Analysis and Manipulation

An OLAC Preconference held on October 26, 2017 1:00 – 5:00 p.m.
The Omni Hotel, Richmond, Virginia. Room Potomac EF

Preconference Schedule

12:45	Presenters available for technical assistance
1:00	Welcome and Introductions (15 min.)
1:15	Session 1. Regular Expressions and Command Line (90 min.)
2:45	Break (15 min.)
3:00	Session 2. XSLT and OpenRefine (90 min.)
4:30	Open Discussion and Closing (30 min.)

Summary

Regex, Refine, and Python, oh my! This preconference demonstrates how the same data manipulation or analysis processes can be performed using different technologies. The session begins with instructions and activities on Regular Expressions, or Regex, which is a key skill for many of the technologies demonstrated. Armed with this understanding of Regex, real-world examples for data manipulation and analysis processes will then be shown using different technologies, such as OpenRefine, Excel, MarcEdit, XSLT, Python, and unix command line tools. The session concludes with an overview of resources for learning these technologies in more depth. At the conclusion of this preconference, attendees will have become aware of different technologies and techniques that can be used to manipulate and analyze bibliographic data as well as resources for further learning.

Audience

This preconference is appropriate for anyone interested in technologies for the manipulation and analysis of data. For attendees with little or no experience with these technologies, the session provides an overview that inspires further exploration of these powerful tools. For attendees with experience with these technologies, the session provides examples of techniques that can be adapted for local needs.

Presenters

Kathryn Lybarger is the Head of Cataloging and Metadata at the University of Kentucky Libraries, where she has worked as a librarian since 2009. Her research interests in libraries include metadata of all sorts (including traditional cataloging and fancy new standards), preservation, digitization, and automation/computer-assisted workflows.

Annie Glerum is Head of Complex Cataloging at Florida State University in Tallahassee, Florida. Formerly a CAPC Intern and Member, she now is Immediate Past-President of OLAC. Her areas of research include XML technologies for the creation, transformation, and analysis of library data; Web technologies for data analysis and visualization; and RDF technologies for the Semantic Web and Library Linked Data.