

Curation, Management, and Analysis of Highly Connected Data in the Humanities

Maximum Number of Participants: 20-30

Date: July 8, 2014 – 09:00 to 12:00

Facilitator(s):

David Brown, Main Instructor

Javier de la Rosa, Assistant Instructor

Elika Ortega, Assistant Instructor

Overview:

In this workshop, participants learn to model, store, manage, and analyze highly connected data sets. It consists of three sections: a general introduction to different models for data storage and their advantages/disadvantages, an interactive demonstration using SylvaDB as a model for the aforementioned processes, and a hands on session in which participants will model and analyze a real humanities dataset using the skills they have learned.

After the workshop students will be comfortable selecting a method for data storage that is appropriate for their data, modeling the data in a fashion that will be productive for further analysis, determining management needs for particular datasets, and performing the appropriate analysis to produce the desired results. Finally, participants will develop a mastery of the entire SylvaDB application packages including: data modeling, CRUD operations, data administration, permissions controls, data import/export, query building, analysis, and report generation.

Audience:

This workshop is intended for anybody interested in learning the skills to better model, store, manage, and analyze data. It is of particular interest to researchers that deal with highly connected data, and are interested in harnessing the power of the graph database for storage and analysis. No programming skills are necessary, and no previous knowledge of databases is

required; however, the focus on graph databases and the SylvaDB toolkit makes this workshop relevant for experienced database users and developers.