

Final Assignment: CSCI-6961-01 (10% written of overall credit score)

Due: Wednesday December 9, 2009 (by 5pm ET, day of the class)

Submission method: email to [pfox@cs.rpi.edu](mailto:pfox@cs.rpi.edu). Please use the following file naming for electronic submission for any individual documents:

CSCI-6962-01\_Final\_YOURFIRSTNAME\_YOURLASTNAME.xxx

Late submission policy: **NOTE:** *assignments handed in after Dec 11, 5pm may not be graded in time for inclusion in your final grade.*

Note: Your report for this assignment should be the result of individual work. Take care to avoid plagiarism (“copying”), including all web resources, texts, and class presentations. You may meet to discuss the tasks for this assignment with other members of the class but must produce the materials for the final assignment themselves, citing all outside sources.

General assignment: Stewardship: Workflow construction for Preservation. Use the data workflow from Assignment 4 from your group assignment (or for extra credit use the detail from another group). The weighting score for each question is included below. Please use the question numbering (1-3) below for your written assignment.

1. Construct a scientific (data-oriented) workflow. Present the workflow in a diagram form with suitable annotations (documentation) for someone else to review. The workflow should be an accurate depiction of the data flow from the chosen project but can be for one specific instance, i.e. it need not be general. The diagram should be included in what you submit. Provide a 5-6-sentence description of what was required to carry this out. (6%) [Hint: the diagram can be hand drawn, computer drawn, or developed in a workflow tool – in the latter case the workflow need not be ‘executable’]
2. Describe each major stage of the workflow and indicate how well (or poorly) data and information preservation is enabled or accommodated. You may include URLs to information sources, etc. 3-5 sentences (2%)
3. Describe how the workflow and your assessment of existing documentation enabled (or not) the data stewardship. 3-5 sentences (2%) [Hint: Review notes from class 2 as well as class 12]