

Study Questions 7
due Thursday September 7

A Survey of Data Provenance in e-Science

1. Name and describe three applications of data provenance in scientific data management.
2. What are the differences between the data-oriented and process-oriented models of data provenance?
3. What are the differences between the annotation and inversion representations of data provenance? What are the advantages and disadvantages of each?
4. Choose **one** of the five projects described in Section 3 and discuss how it addresses subject provenance (data or process oriented) and representation of provenance information.