

Data Management Plan

Data formats, maintenance, and dissemination

The following table summarizes the principal types of data to be generated during the grant period, along with an approximate schedule for dissemination:

Type of Data	When Shared?	Under What Conditions?
Source code and documentation for intertextuality search tools.	As soon as testing is completed, and no later than end of grant period.	Freely available on Github.
Web implementations of intertextuality search tools.	As soon as developed, and no later than end of grant period.	Freely available on project website.
Searchable Greek-Latin thesaurus.	With release of cross-linguistic tool.	Freely available on Github.
List of intertexts in the Argonautic tradition.	With publication of associated paper.	In the supplemental information, and freely available on project website.
White paper.	At conclusion of project.	Freely available on project website.

The intertextuality search tools will be written in Python (as are the current trial versions). All code and documentation will be made freely available on a Github repository dedicated to the project. Git will be used for version control of software in development. The tools will be run on texts digitized by the Perseus Project and in the public domain (see Final Product and Dissemination for details). The searchable Greek-Latin thesaurus compiled for use in the cross-linguistic source tool will be made freely available as a standalone resource for potential use in other projects. It will consist entirely of material from editions of texts in the public domain. Supplemental files containing relevant raw data will be included with all papers published in science journals.

The tools will be made available to users via a web interface created by the software developer hired to work on the project. The implementation will be planned and designed in consultation with the Neukom Digital Arts Leadership and Innovation (DALI) lab based at Dartmouth. Beyond the grant period the co-PIs will explore possibilities for incorporating the tools into new databases of classical texts currently in development, such as the Digital Latin Library at Oklahoma University.

Responsibilities

The co-PIs will be responsible for implementation of the data management plan. Collaborators, research staff, and students will provide documentation for any code that they write, which will be reviewed regularly by the co-PIs. The software developer will be responsible for creation and initial maintenance of the project website, with input from the DALI lab.

Period of data retention

All data generated will be retained for at least five years from the conclusion of the proposed grant period.

White paper

By the conclusion of the grant period, the co-PIs and primary collaborators will prepare a document recording the state of progress in all areas of the project, comparing the outcomes to those projected in this proposal, and explaining any significant successes or failures in planning or execution. The document will also include an updated environmental scan to take account of ongoing work in the field, and a step-by-step plan for further development, which will be based on the application for implementation funds submitted during the course of the grant.