ARCHITECTURE CONSULTATION:
Bulgarian Dialectology as Living Tradition
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Tool Development:
Berkeley Prosopography Services
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Database approach to gathered field data, incorporating audio clips, transcribed text samples with linguistic annotations, English translations, and maps.

Built using the Drupal content management system with general-purpose plugins written and maintained by the large Drupal development community.

Data entry done by students who earn credit-hours through Undergraduate Research Apprentice Program; students are able to contribute without knowing Bulgarian.

Research IT provides consultation about Drupal modules and configuration for implementing advanced site functionality.

Provides a customizable out-of-the-box tool-kit and environment for prosopography, the identification and disambiguation of name instances and the study of the interactions and life histories of the people involved.

Developed using modular, service-oriented architecture.

Initial development funded by National Endowment for the Humanities Start-Up Grant.

Features:
- user-customizable probabilistic disambiguator
- Social Network Analysis engine
- graph visualizer

Architectural consultation: Dialectology map illustrating locations with a text that includes the 'double accent' linguistic trait.

Social Network Analysis visualization drawing from a corpus of cuneiform tablets from the city of Uruk, circa 300 BCE.

RESOURCES:

- Registry of 400+ tools for digital research and scholarly use, supported by the Andrew W. Mellon Foundation.
- Helps digital humanists find and compare tools ranging from content management systems to music OCR, statistical analysis packages to mapping software.
- Steering board and editors comprising a global staff of scholars, librarians, and IT professionals.
- API development and integration with Commons In A Box scholarly networking platform will make tool information more widely available.

EVENTS:

HackFSM: An Interdisciplinary Hackathon

- Jointly hosted with the Bancroft Library’s Digital Collections, the School of Information, the Dept. of History, and the Dean of Arts and Humanities.
- Teams of humanities and CS students designed a new web interface for the Bancroft Library’s Free Speech Movement digital archive, made available via an Apache Solr API.
- Challenges for students included working with legacy data, TEI, APIs, and addressing the interface needs of both researchers and casual users.

DH @ Berkeley is a partnership between Research IT and the Dean of Arts and Humanities. Find our projects and events at digitalhumanities.berkeley.edu.