Project Sponsors

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VerseVis Overview

- VerseVis is a text visualization tool
  - Identifies interesting text patterns within literary corpora

- Main features of VerseVis:
  - Explore spoken language features of text
  - Capable of visualizing custom data
VerseVis Architecture
VerseVis Demo
Eight students from English department at UMD answered survey questions.

Demonstration video

Survey

- Frequency of reading poetic works
- Analysis of poetic elements in poetic works
- Frequency of using data processing tools for text analysis
- VerseVis features
Survey Feedback

• Most students rarely use data processing tools to analyze text
• Color features are the most interesting and useful component of VerseVis.
• Other interesting features: accents and emphasis indicators
• Height and width adjustment features were the least interesting
• Demand for footnotes and definitions
• Even distribution of users are willing to use VerseVis in the future
Future Work

- Color features and additional representation
  - Color column borders for each file
  - Include custom palettes for color rendering
  - Provide option for audio representation of data
- Filtering and searching
  - Search for patterns
  - Multiple filters with the option to color the criteria or sort by the criteria
- Rendering options
  - Improve the zoom interface
  - Add dragging functionality to panning
  - Provide outline that indicates the current viewing area
VerseVis:
Visualization of Spoken Features in Poetry

Questions?

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