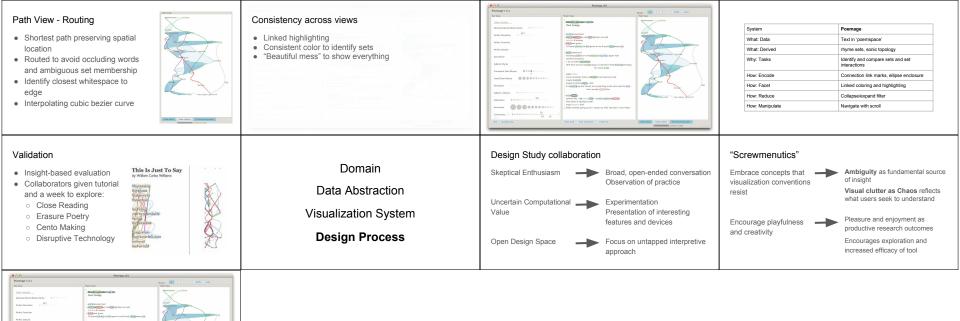
Poemage: Visualizing the Sonic Topology of a Poem Nina McCurdy, Julie Lein, Katharine Coles, Mirah Meyer		Domain Data Abstraction Visualization System Design Process	Domain Data Abstraction Visualization System Design Process
Distant ReadingClose Reading• Bag of Words• Literary Criticism• Sentiment Analysis• Rhetorical Analysis• Word Cloud• Poetry Exegesis• NgramValue of computation to close reading is still an open question	Unproven Computational Value You don't know what you're looking for and why you're looking for it, how then do you proceed?" -Stanley Fish Is it possible to visualize poetry with a level of complexity that would allow for new and interesting observations?	Visualization Space: Sonic Patterns Sonic Turbulence: Locations of increased intensity, intersection, activity Conceptual metaphor of "flow" of sound moving through poem	Domain Data Abstraction Visualization System Design Process
 Rhyme Sets RhymeDesign: System to automatically sonify a poem Developed formalism for detecting sonic devices Ordered based on location in poemspace Each word can belong to none, one, or many rhyme sets User-defined, custom, or system-defined 	Rhyme Bests	Poemspace 2D space of the poem as printed on page	Sonic Topology Distribution of rhyme sets across the poem Intersect Merge Diverge Emerge Intersect Overlapping



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