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Browsing, Sharing, Learning and Reviewing the *Haine* du théâtre Corpus through Insightful Island

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ABSTRACT

In a participatory perspective, new tools are required to share the contents and results in the scientific community in general, and in the DH community in particular. Furthermore, the users of corpora are waiting for tools that help them to understand, to seek information and to memorize. In this poster, we show how to use Memory Island (MI) technique to help to create an insightful visualization for the *Haine du théâtre* (HdT) corpus. More generally, we discuss the design of systems based on the Memory Island technique for sharing, learning and reviewing the humanities and literary corpora.

CONTEXT

- * Memory Island Technique.
 - Inspired by the "Art of Memory" (method of "loci").
 - Browsing, Sharing, Learning, Reviewing and Memorizing corpus and knowledge.



- The Haine du théâtre Project.
 - It analyses theater debates in Europe about the virtues and vices of the theater in the 17th- & 18th-Century.

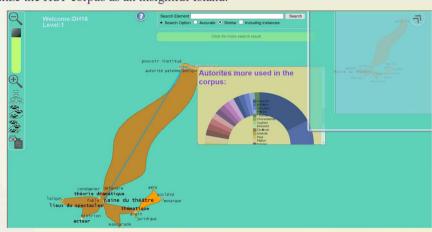


* Users are waiting for a tool (e.g. knowledge Map) to help them with their information seeking tasks. They want to improve their understanding and memorability with the corpus. The insightful island is one of the most promising tool.

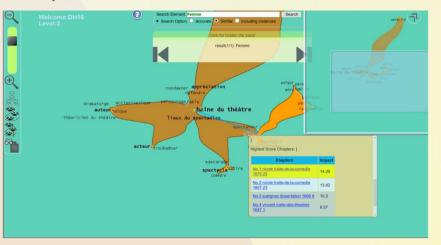


Visualizing the Haine du théâtre Corpus as an Insightful Island

➤ Visualize the HdT corpus as an insightful Island.



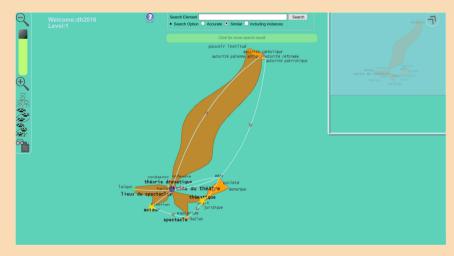
- ➤ Knowledge Island allows users to navigate through the corpus, based on the insights of experts from literature.
 - Access, detail information and search. Users can immediately understand the concepts,



- ➤ Navigating through the HdT Corpus with Map Interactive functions and Learning with Review function.
 - ➤ Review function provides the user a summary about his/her studied concept, prepared by the expert.



Visualizing his/her visiting and studying trace.



CONCLUSION AND PERSPECTIVES

- Design a visualization system for sharing, learning and reviewing the humanities and literary corpora based on the Memory Island technique.
- This approach are already applied for the children's textbooks and other corpus, the encyclopedia of Philosophy, the ontologies, the biologic datasets, etc.
- We envisage integrating more Natural Language Processing and Artificial Intelligence techniques.
- We are planning to add more functions to this visualization systems.
 - o Improve users' memorability.
 - o Storytelling.





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