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

Bin Yang^{1,2}, Chiara Mainardi^{3,4} and Jean-Gabriel Ganascia^{1,2,4}

1. Université Pierre et Marie Curie-Sorbonne Universités; 2. Laboratoire d'informatique de Paris 6

3. Université Paris-Sorbonne-Sorbonne Universités; 4. Labex OBVIL.

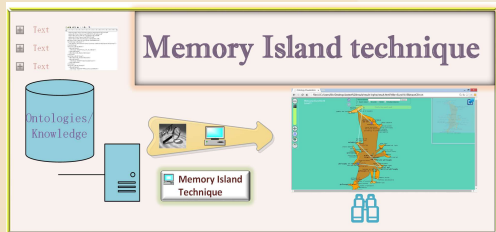
ABSTRACT

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.

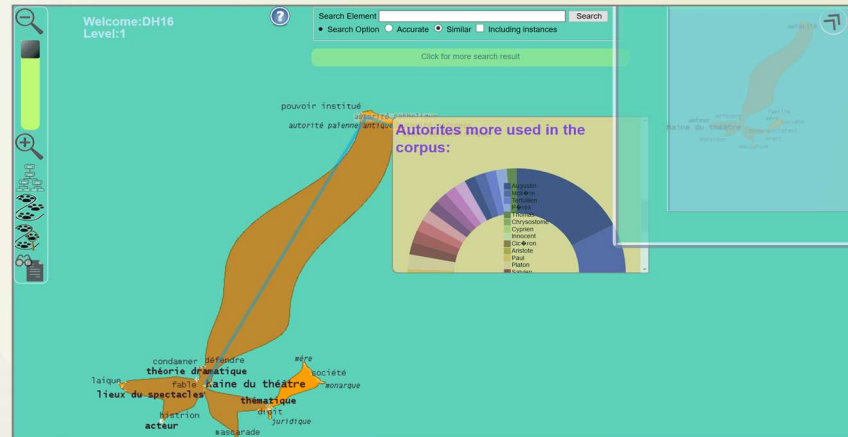
- It analyses theater debates in Europe about the virtues and vices of the theater in the 17th- & 18th-Century.



❖ 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.

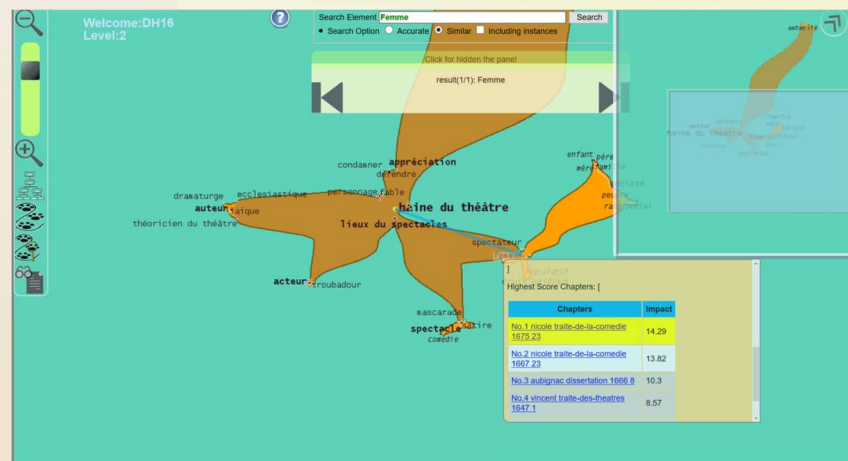
Visualizing the *Haine du théâtre* Corpus as an Insightful Island

➤ 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.

Observatoire de la vie littéraire

Review the concept with resume.

Original Text:

chapitre ii.
Que la représentation des Comédies et Tragedies était un acte de Religion parmi les Grecs et Romains.

Avant que d'entrer en matière, je suis obligé de remarquer deux choses pour faciliter l'intelligence de tout mon discours: l'une que le Théâtre ne signifie pas proprement comme sous l'entendons aujourd'hui, l'échafaud où paraissent les Acteurs des Comédies et Tragedies, mais un usage lieu composé de plusieurs bâtiments, galeries, promenoirs, et sièges pour les Spectateurs, au milieu duquel était un espace vide, où l'on jouoit divers spectacles, comme de Gladiateurs, d'Archiers et autres, selon le différent usage des Villes et des Provinces, où l'on dressait l'échafaud composé de plusieurs jallies, que nous appellons maintenant comme d'un nom propre, le Théâtre; et là se faisoient plusieurs Jeux, de musique, de danse de Poésie, et plusieurs autres combats que l'on a vus en divers lieux, mais retenant ici tous les combats et Spectacles qui ne regardent

Review:

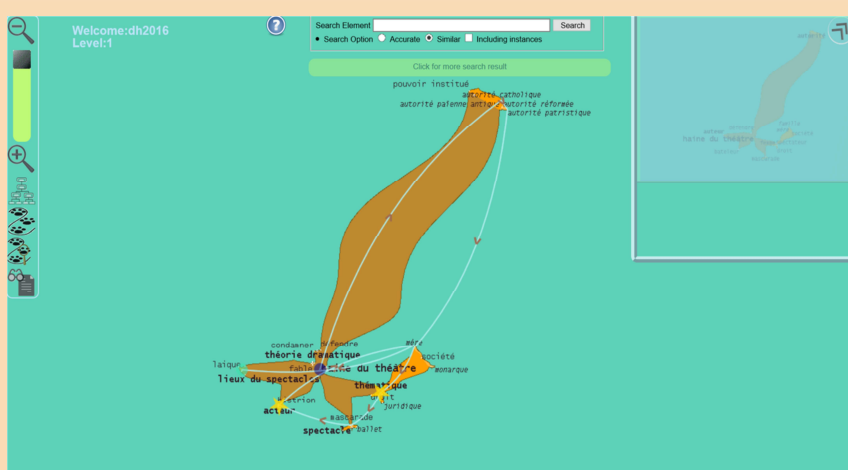
According to the textes we analyse in this corpus (17th and 18th centuries in France), theatre is traditionally a way which allows the expression of conflicts of various order. It is a public activity, a mean of expression of a collective sentiment which, despite its opposition, always had a great deal of success. According to its opponents, theatre is scandalous in itself since it distorts pity, morality and christian religion.

Results for the association of the concepts: economy and theatre

- *vincent traite-des-theatres 1647_1*
- *subsignac_dissertation_1666_1*
- *voisin_defense_1671_23*
- *voisin_defense_1671_24*
- *subsignac_dissertation_1666_11*
- *vincent traite-des-theatres_1647_1*
- *voisin_defense_1671_25*
- *subsignac_dissertation_1666_1*

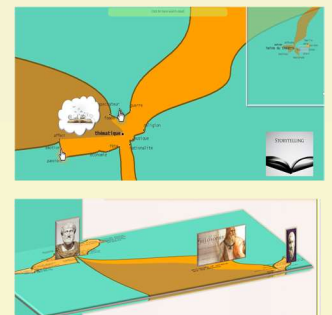
Review Concept for Memory Island (2015.10) All rights reserved

➤ 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.
 - Improve users' memorability.
 - Storytelling.



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CONTACT

- **Dr. Bin Yang**
yangb86@hotmail.com,
- **Dr. Chiara Mainardi**
chiara85.mc@gmail.com
- **Prof. Jean-Gabriel Ganascia**
jean-gabriel.ganascia@lip6.fr

