

LITTÉ_BOT, a theatrical chatbot

Conversing with Molière's Don Juan through dramaturgical strategies.
A research-creation project which aims to renew the experience of reading.

Targets

- Experimenting with **voice mediation**
- **Pedagogy on AI** (demystifying AI: human work, compromise and choice)
- Inclusion of non-reading audiences
- **Promoting Gallica** and encouraging its use

Challenges

- Speaking 17th century French **and** understanding today's French
- Building up a **new database** from a corpus of **17th century French theatre**
- Processing **feeling and emotion** (AI impersonating a seductive Don Juan)
- Make a **non-closed expert system**
- Create a **reproducible model** for other literary works

Why Don Juan ?

- an advice from famous Molière specialist **Georges Forestier**,
- choice of embodying a character from **Molière**,
- Don Juan, a character eager to meet new people

Litte_Bot

Anna : Bonjour toi !
Litte_Bot : Salutation Anna !
Anna : Comment vas-tu ?
Litte_Bot : à merveille, et vous Anna ?
Anna : Je suis heureuse aujourd'hui !
Litte_Bot : ah mon bien !
Anna : qu'as-tu donc à dire ?
Litte_Bot : Lui se mêler d'aimer ! De quoi diable s'avise-t-il ? Se moque-t-il du monde ? Et l'amour a-t-il été fait pour des gens bâtis comme lui ?

Envoyer

Engineering a chatbot

- Research part of the project : University of Paris 8
- AI Deep Learning for chatbot, by **Anna Pappa**
 - Creating a 17th century theatrical corpus ~100k lines
 - Training the bot with Seq2Seq model
 - Articulating two models:
 - Free conversation using AI model
 - Scripting a guided conversation with the visitor
 - Corpus enrichment through additional visitors/bot interactions

Staging the chatbot

- Creation part of the project : playwright **Rocio Berenguer and Joël Huthwohl**
- Scripting the interaction
- Graphic interface : morphing the visitor's face

The chatbot will be part of the **exhibition** celebrating Molière's 400th anniversary at the BnF in **2022**