CENL "AI in Libraries" Network Group

Jean-Philippe Moreux

Head of AI mission, BnF

CENL EC Meeting, June 18, 2024

Libraries and AI:
- Since the group's creation, the pace of change in AI has been frenetic (LLMs, multimodal models…)
- Many libraries have experimented or even started to implement AI applications
- But we still need to collaborate, as even large institutions can't experiment in all areas.

Take advantage of the momentum! But needs for collaboration and sharing.

The group's original objectives are still valid:
- To leverage the use of AI through **better understanding and use**.
- To promote **sharing, collaboration and standardisation** on AI between institutions.
- To identify areas of AI with **particular significance for libraries**, as LLM/text datasets or fine tuning of models on heritage collections.

The members

How are we going to achieve this?

14 institutions, ≈20 people

Jean-Philippe Moreux, Gallica Scientific Advisor
Bibliothèque nationale de France / National Library of France

Svein Arne Brygfjeld, Head of Ai-lab
Nasjonalbiblioteket / National Library of Norway

Max Kaiser, Head of Research and Development
Österreichische Nationalbibliothek / National Library of Austria

Zdenko Vozár, Lead of AI Research and Development
Národní knihovna České republiky / National Library of the Czech Republic

Neil Fitzgerald, Head of Digital Research
British Library

Greete Veesalu
Eesti Rahvusraamatukogu / National Library of Estonia

Love Börjeson, Director of KBLab
Kungliga Biblioteket / National Library of Sweden

Yves Maurer, Lead on Webarchiving program
Bibliothèque nationale du Luxembourg/National Library of Luxembourg

Ralph Marschall, Digitalisation Project Manager
Biliothèque nationale du Luxembourg/National Library of Luxembourg

Oliver Sievi, Innovation und Informations management
Swiss National Library

Tan Lu, lead of the KBR Data Science Lab
Koninklijke Bibliotheek van België / Royal Library of Belgium

Bjarne Andersen, Head of Data Department
Det Kongelige Bibliotek / National Library of Denmark

Zahra Mousavi
Det Kongelige Bibliotek / National Library of Denmark

Elisabeth Mödden
Deutsche Nationalbibliothek / German National Library

Claus Jensen
Det Kongelige Bibliotek / National Library of Denmark

Gloria Expósito Álvarez
Biblioteca Nacional de España / National Library of Spain
+1

Elena Sánchez Nogales
Biblioteca Nacional de España National Library of Spain
+1

Ditte Laursen
Koninklijke Bibliotheek / Royal Library of the Netherlands
+1

- The group decided to update the **AI survey**, published in 2022. A new survey is about to be sent out through CENL's communication channels. A link with the KB.nl initiative on **Generative AI** in Europe has been established (Elsbeth Kwant). The updated survey will include a specific section on generative AI.
- Organisation of two series of webinars (Spring 2023, Fall-Winter 2023-2024). Each webinar attracted an average of 25 participants, mainly from Europe. 2024 webinars (Fall) will emphasise on **LLMs** and **AI strategy** (AI statements, AI policies, AI roadmaps in libraries). Both subjects are at the core of how AI private sector and public institutions holding materials can agree/collaborate on reusing massive datasets for training models.

The actions

- A joint project has been initiated, involving the submission of a proposal to an Horizon Europe call for projects (*A European Collaborative Cloud for Cultural Heritage – Innovative tools for digitisation and analysis of dynamic processes, objects and complex combined data*), concerning the **creation of a multimodal text-image model (CLIP family) trained on European iconographic corpora** (European library and museum collections).

  EC call for project: September 2024
  Potential partners are KB.be, KB.nl, BL, NLN, BNF, ONB, NLS, Oxford university, Europeana, Staatsbibliothek Berlin…

- Organisation of a **workshop hosted by the National Library of Spain** in November 2024. The last workshop took place in 2022 at the BnF.
- This public workshop will include short presentations and lightning talks from the **group members + actors from the Spain AI ecosystem** (heritage institutions, academic labs), and a prospective reflection on the future of our network group.

Thanks!

jean-philippe.moreux@bnf.fr
svein.arne.brygfjeld@nb.no
https://github.com/CENL-Network-Group-AI
https://www.cenl.org/networkgroups/ai-in-libraries-network-group/