Improving the Web Archiving Infrastructure of the National Széchényi Library and the National Library of Luxembourg

CENL Erland Kolding Nielsen Grant Project Report
by Dávid Rózsa, General Director of NSZL

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BACKGROUND

- The National Széchényi Library started its **web archiving activities in 2017**
- Digital Humanities Centre Department of **Digital Philology and Web Archiving**
- **Subcollections:**
  - Thematic subcollections (approx. 100,000 sites)
  - National web (approx. 1.3 million domains)
  - Event-based and other special subcollections (1400 Transcarpathian sites)
- The overall size is more than **100 terabytes**
- Stored in standard **WARC** format

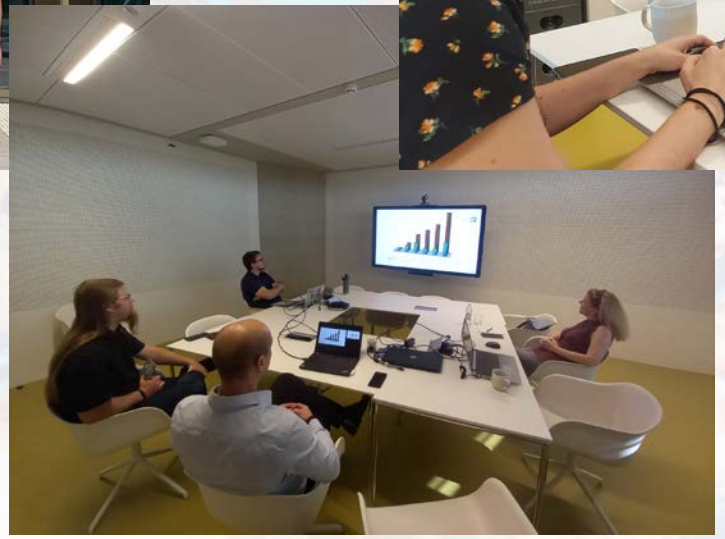
APPLICATION

- **10th of March 2023:** joint application by the National Széchényi Library and the National Library of Luxembourg (Bibliothèque Nationale du Luxembourg, BNL)
- **Aim:** improving the web archiving infrastructure of the NSZL and the BNL
- **The collaboration intended to advance four** of the **objectives** supported by the Erland Kolding Nielsen Grant:
  - Infrastructure development
  - Development of digital collections
  - Improving research
  - Promoting interlibrary staff communications

CONTRIBUTIONS PROPOSED

- Visiting each other to **share knowledge**
- Organising a **conference and workshops** to present our activity to each other
- **Communicating** the outcomes of the collaboration to the international community
- **Sharing code** with each other and with the international community

NSZL STAFF VISIT IN LUXEMBOURG



BNL STAFF VISIT IN BUDAPEST

OUTCOMES

- Our main objective, to improve the infrastructure of the two web archives, has been fully achieved: BNL has installed a new instance of SolrWayback, NSZL started using Browsertrix.
- We have shared a lot of knowledge and good practices that we can incorporate into both institution's web archiving activities (e.g. configuring SolrWayback, harvesting behind-paywall news sites).
- During the visits, we have built up working partnerships that promise to go well beyond the scope of the grant cooperation (a new cooperation between the University of Luxembourg and NSZL).
- We have also delivered on our commitment to code-sharing by exchanging and open-sourcing important code that will greatly contribute to the significant advancement of the web archiving activities of both national libraries (links to shared code on the last slide).

ORSZÁGOS SZÉCHÉNYI KÖNYVTÁR

Thank You for Your Attention!

Blog post: https://tinyurl.com/yda9ey3j

Conference and Workshop Web Site:
https://tinyurl.com/53kuhxdc

Shared Code:
https://tinyurl.com/y3ae9xz5
https://tinyurl.com/tndwhasf
https://tinyurl.com/47y2jx9f