Research libraries and research data management within the humanities and social sciences

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Presentation outline

1. Introduction
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1. Introduction

• This project studies the **future role** of research libraries within research data management – with focus on humanities and social sciences

• There are **strong links to digital humanities** research in this project

• In the **local perspective** the project covers both the future infrastructure of research data and future skills and competences of the libraries

• The project runs from an initiative of a research project and is financed by **Riksbankens Jubileumsfond**
2. Background: outside world and internally

OUTSIDE WORLD – LITERATURE REVIEW

Digital humanities (DH) and libraries

DH focuses on the application of computing technology to humanistic inquiries

- Many overlaps and common working fields between DH and libraries

- Many common professional skills and competences between DH and libraries – example ALA’s Core Competences of Librarianship

- Several studies and projects show that libraries can be effective DH partners in the future – example OCLC study of research libraries and DH, 2014
2. Background: outside world and internally

OUTSIDE WORLD – LITERATURE REVIEW

Research data management

- Research data management is growing in importance, as a result of funders requirements of data management plans, and as a result of an increased "data sharing culture" among researchers

- Policy shift from open access of publications to open access of research data

- Strong, national initiatives, i.e. United Kingdom UK Data Archive
2. Background – outside world and internally

STUDY WITHIN LUND UNIVERSITY (LU)

- Mapping of the central university library – current competences and functions
- Contacts with faculty libraries
- Mapping of other functions within LU engaged in research infrastructure, archiving etc
- Contacts with researchers at the faculties of humanities and social sciences
- Preparation of a survey to researchers
Digital Humanities in practice
3. Case study

What can we learn from the needs of *Early Monasticism and Classical Paideia* – a digital humanities project at Lund University?

Database and research tool characteristics

- Visualization and analytical tools
- Data representation (RDF, TEI)
- Persistent URI:s, linked open data, semantic web
- Embedding external data resources
Apophthegmata Research Tool

Can the apostles correct a false doctrine? If they did, why didn’t they correct the teachings of Paul?
4. Results: Data management organisation

Suggested actions and change for the future

- University Library: Create a unit for co-ordination and support of Research data management

- Faculty libraries: Support for Research data management to researchers, teachers, students

- Swedish National Data Services: From individual research support to institutional support
4. Results: Data sharing

- Repository of Swedish National Data Service (SND)
- Lund University Open Data Services (5-Star LOD capabilities)
- Other possibilities: faculty and department resources, international data resources within a discipline
- National services for cultural heritage data (Swedish Open Cultural Heritage, Alvin)

What about long term archiving of digital resources?
LU Research data management organisation (proposal)

- Alvin collaboration for cultural heritage collections
- Swedish National Data Service
- Research data management & coordination
- Research and student services
- Digital collections
- Faculty libraries
- Research and education

New
LU Research data directory and data services (proposal)

Alvin - portal for cultural heritage collections

National dataset directory

Digital collections

LU dataset directory

National dataset repository

Lund University Publications

Faculty and department resources

LU digital data services
5. Conclusion

Future role of research libraries offering support for:

• production and dissemination of digital data
• use (consumption) of digital data

“Stop asking if the library has a role, or what’s it is, and start getting involved in digital projects that are already happening”

Vandegrift (2012)
Thanks!

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