Making the research process as open as possible

Publishing Manager Pekka Olsbo Information Specialist Marja Kokko

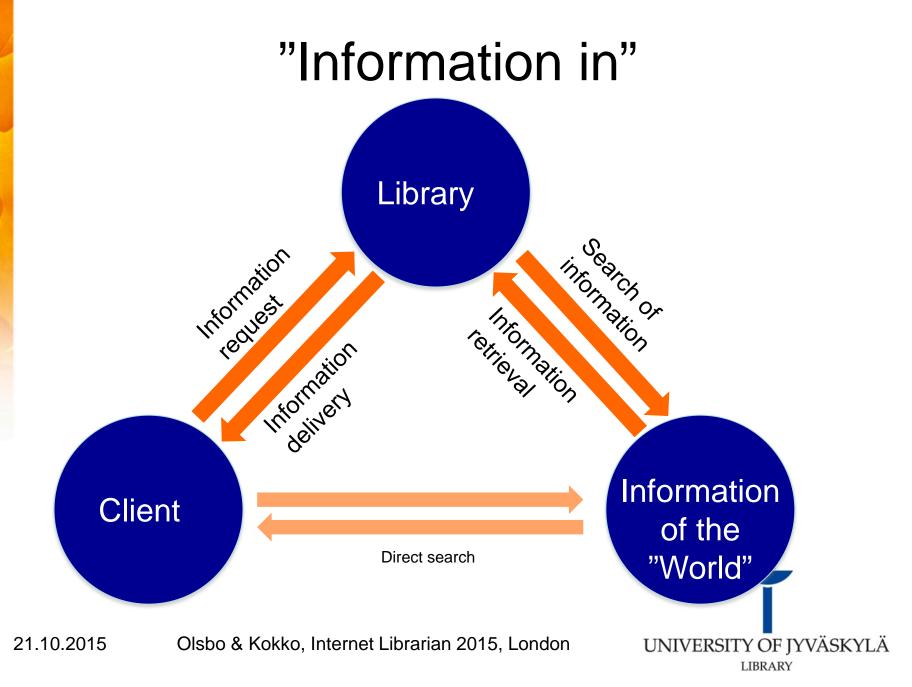


Librarian's role in making the research process as open as possible

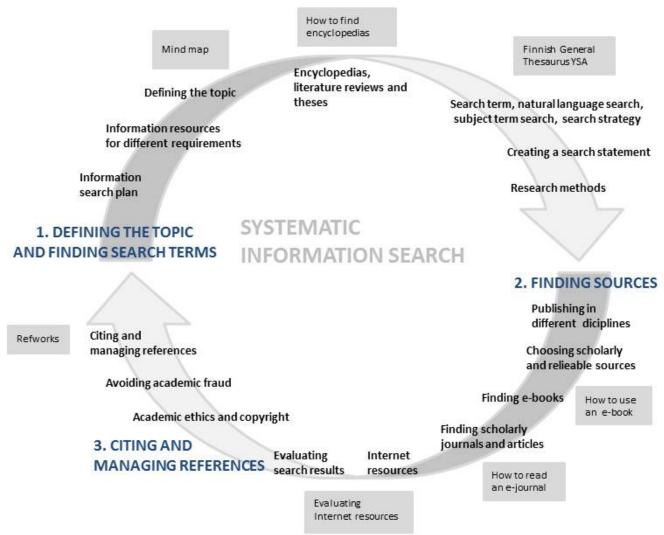
- Libraries and librarians are taking new roles
 - participating in the research process
 - partners of the researchers and research groups
 - experts on publishing and data management
 - consultants on Open Science
- Broadening the partnership with researchers:
 Role of the librarian is enabling the open research process

Background

- Growing demands of Open Science and research funders
- Horizon 2020
- Finnish Academy
- <u>TEKES</u> (Finnish Funding Agency for Innovation)
- Finnish Open Science and Research Initiative
 - Goal: To make Finland one of the leading countries in openness of science and research by the year 2017
- Our own ambition to promote OS



Traditional Research Process ("information in")



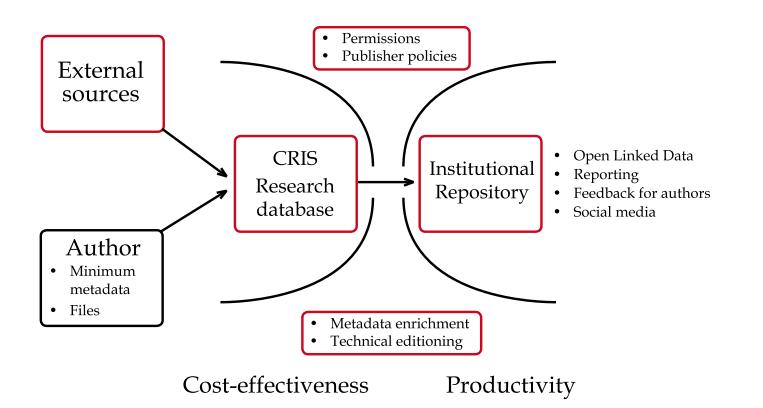
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Open Science Guidelines in JU

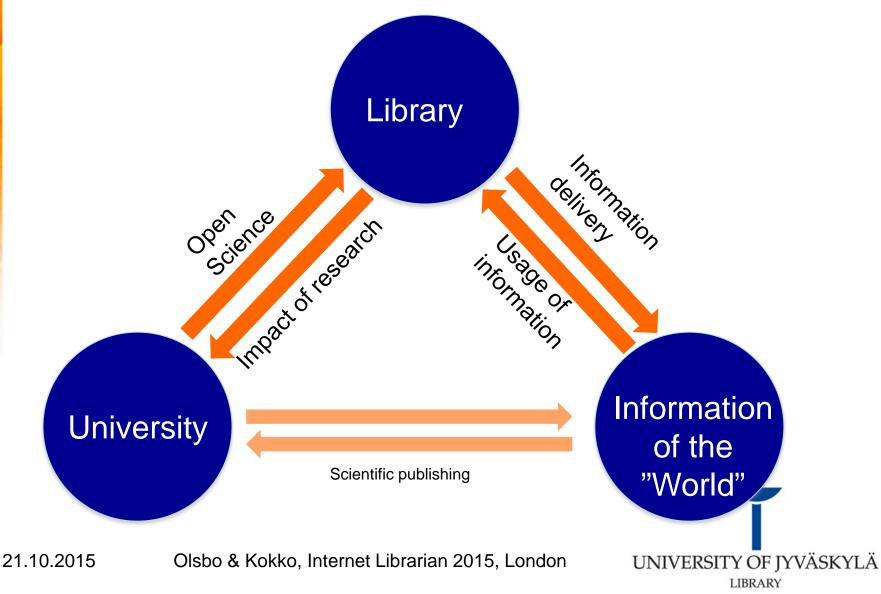
- Open Science in JU
- Parallel publishing / Green Open Access
 - The University of Jyväskylä aims to be an institution advancing free scholarly information and know-how. <u>Free access to scholarly information</u> is one of the strategic goals of the University. To support this, by promoting open access publishing, the University requires open archiving of research results in open archive JYX.
 - From the beginning of 2011, all research articles published as appendixes
 to dissertations are also published in JYX Archive.
- Principles of research data management at the University of Jyväskylä
- University Library is the key player in putting the Open Seence practices in action.

Making things easy: Open publishing process

No extra work for researchers, university library is the key player







Digital and Open Research Process

("information out")

New projects and innovations

Systematic Information Search Framework designed in our and is based on Kuhlthau's model:

Costs:
OA-management
Data Archives? Data
Curation?

IPR?

Feedback for authors

0

Altmetrics, social media, citations

Open Science

Open
publishing of
research results
and data
JYX-archive
JU Dataverse

Finnish Social
Science Data
Archive

Visibility
Impact
Merits
Accessibility
Verification

Defining the topic

Information resources for different requirements

Information search plan

1. DEFINING THE TOPIC AND FINDING SEARCH TERMS

How to find encyclopedias

Encyclopedias, literature reviews and theses

Season

Searcy Season

Refworks

Citing and managing references

Avoiding academic fraud

Academic ethics and copyright

3. CITING AND MANAGING REFERENCES.

Evaluating search result Internet

Evaluating Internet resources

Data Management
Services in JU

Finnish General Thesaurus YSA

Search term, natural language search, subject term search, search strategy

Creating a search statement

Research methods

2. FINDING SOURCES

Publishing in different diciplines

Choosing scholarly and relieable sources

Finding e-books

How to use an e-book

Finding scholarly journals and articles

> How to read an e-journal

> > Funding and Funders

Available
/Open data: to
support your
data collections
process and to
help you to
define new
research
questions
Data
management



plan

Digital Scholarship

- New practices in scholarly communication
- Emphasize principles of research ethics, publisher's ethical principles, Fair Cite etc.
- Sharing and using open data
- Problems to be solved:
 - Costs of managing and sharing data, the whole life-cycle of data
 - management of OA-publishing
 - IPR
 - Ethical consultation



Library as an Open Science Center

- All Open Science services in one place
- Support for data management and open publishing
- Research output evaluation
- Training, expertise, consultation
- Social media platforms and improving visibility
- New professional skills and identities
- Aim: an international brand



Thank You

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