

Libraries and Cooperative Systems

NALIS Forum – Sofia
24 September 2010
Karen Calhoun, OCLC

Slideshare.net: <http://www.slideshare.net/amarintha/library-cooperative-systems>



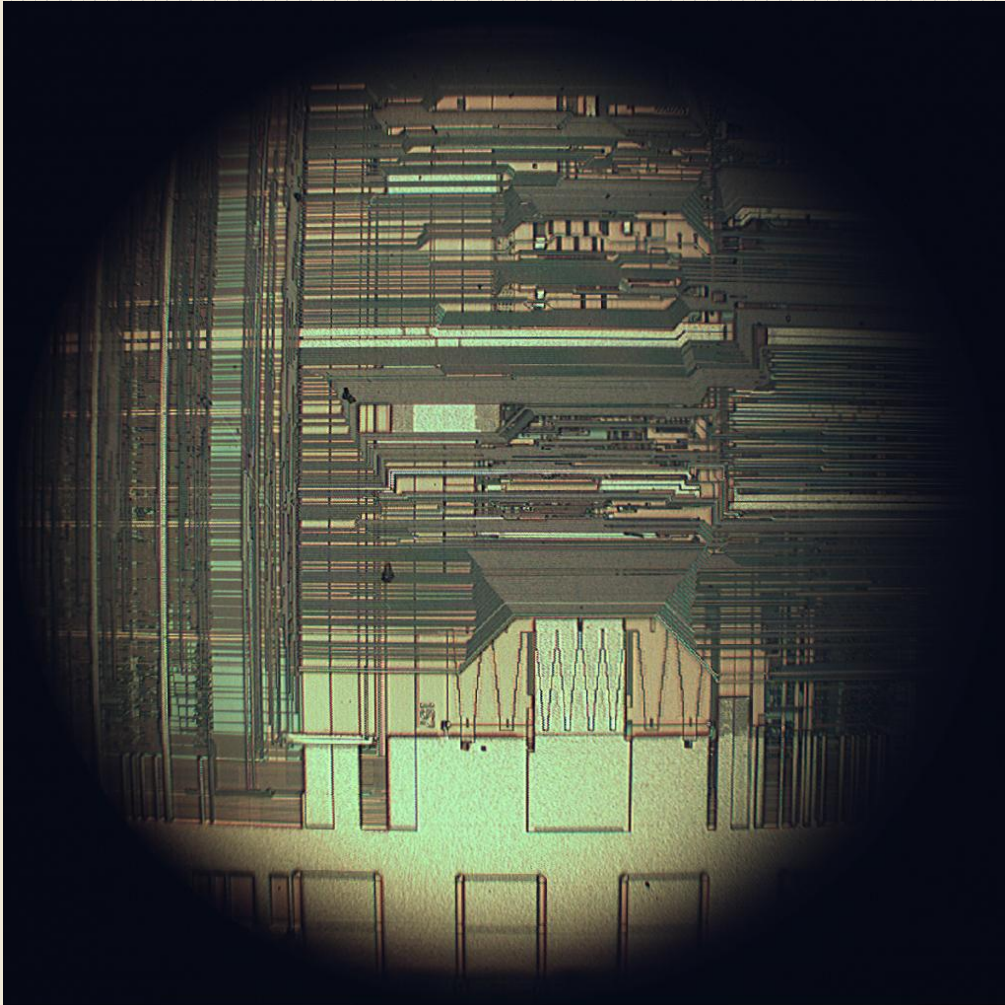
Cooperative Systems at the Crossroads



Alice:
**'Would you tell me,
please, which way I
ought to go from
here?'**

**'That depends a
good deal on where
you want to get to,'
said the Cat.**

Small Things That Change Everything



Photograph by [User:Uberpenguin](#) of the upper interconnect layers on an Intel chip taken with an optical microscope at 200x magnification

http://en.wikipedia.org/wiki/File:80486DX2_200x.png

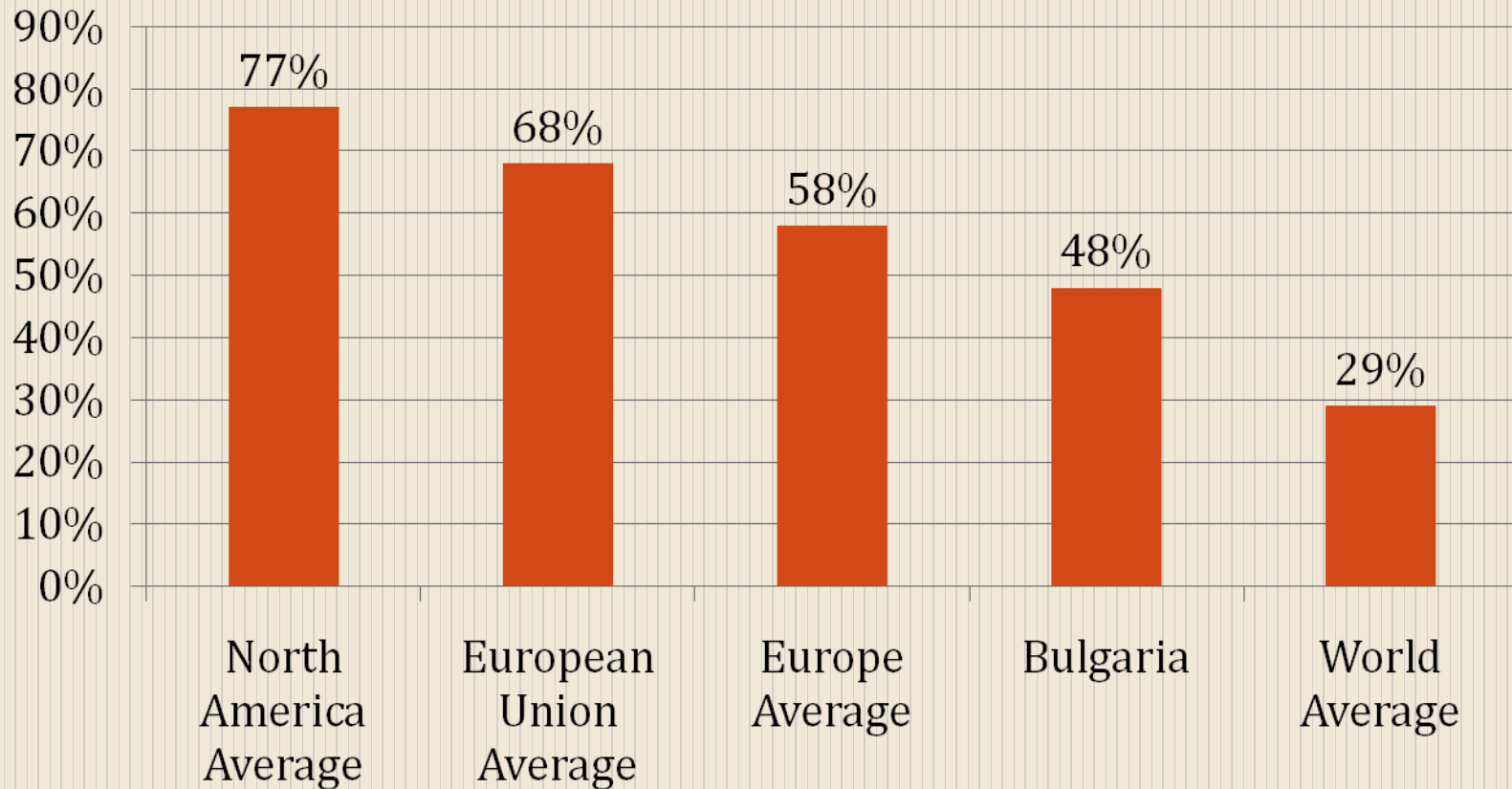
Empowering Connections and Conversations in an Entirely New Way



Cell phone mania. By vanhalligan. <http://www.flickr.com/photos/vanhalligan/3126639463/>

<http://www.internetworldstats.com/stats.htm>

Internet Penetration



The Search Engine Challenge

Q: Where do you typically begin your search for information on a particular topic?

Search Engines

84%

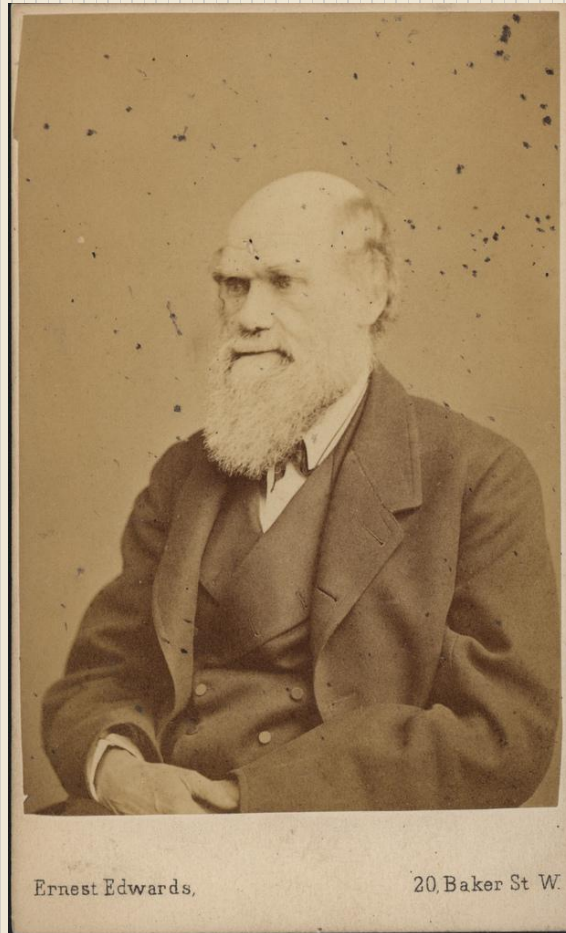


Library Portals

2%

From OCLC: *Perceptions of Libraries and Information Resources (2005)*

Brace for Change ... Embrace Change



It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change.
--Charles Darwin.

Photo of Charles Darwin by Ernest Edwards, London. Prior to 1882, Repository: Smithsonian Institution.
<http://photography.si.edu/SearchImage.aspx?t=5&id=3525&q=SIL14-D1-09>
Karen Calhoun

My Report to the Library of Congress

The Changing Nature of the Catalog and its Integration with Other Discovery Tools

2006

Prepared for the Library of Congress

By

Karen Calhoun
Cornell University Library
Ithaca, NY 14853

<http://www.loc.gov/catdir/calhoun-report-final.pdf>

**“Thirty-two Options & Three Strategies” —
A Radical Abridgement
Calhoun. LC report, p. 14**

LEADERSHIP STRATEGY
“Outward integration”

EXPAND STRATEGY

EXTEND STRATEGY

Mass collections & catalogs
Digitize
Open access
Participate in the substitute industry

Invest in shared catalogs
Link pools of scholarly data
Seek partners

Improve the user’s experience
Greatly enhance delivery (*fast!*)
Standards development/compliance
Recycle and reuse catalog data
Innovate and reduce costs

Library Cooperation as Adaptive Behavior



Die Europäische Bibliothek L
ios **The European Library** De l
uropeos La Biblioteca Europe



Bulgarian Library and Information Association

**“Modern librarianship is not possible
without cooperation between libraries.”**
-- Nadya Terzieva, Radostina Todorova

http://elpub.scix.net/data/works/att/208_elpub2006.content.pdf

“Outward Integration”

“Integration should be outward rather than inward, with libraries seeking to use their components in new ways”

--Interviewee for LC report on future of the catalog, p. 37

Long Term Vision

- Local catalog linked to a chain of services
- Infrastructure to permit global, national or regional, and local discovery and delivery of information among open, loosely-coupled systems
- Massive aggregation of licensed & digitized publications, special collections, and born digital materials online
- Many starting points on the Web leading to many types of information objects
- Integrate library-managed collections into the user's workflow on the network

Next steps to consider ...

Inclusion

**Types
of
Users**

**Types
of
Content**

The Rest of the World

Balkans

Europe

Bulgaria

**Types of
Libraries**

**Knowledge
Organizations**

Inclusion of Types of Information Seekers: Experts, Students, Citizens and Digital Natives Have a Lot in Common

Head of Dept., Prof., DSc, Full member of BAS (Head) Peter Popivanov

Personal web-page

Background

- 1969 - higher education degree in Mathematics (M.Sc. equivalent), specialization in Complex Analysis, at the faculty of Mathematics and Informatics at Sofia University. Graduated with honors (total grade



What They Want:

- Self-service
- Satisfaction
- Seamlessness

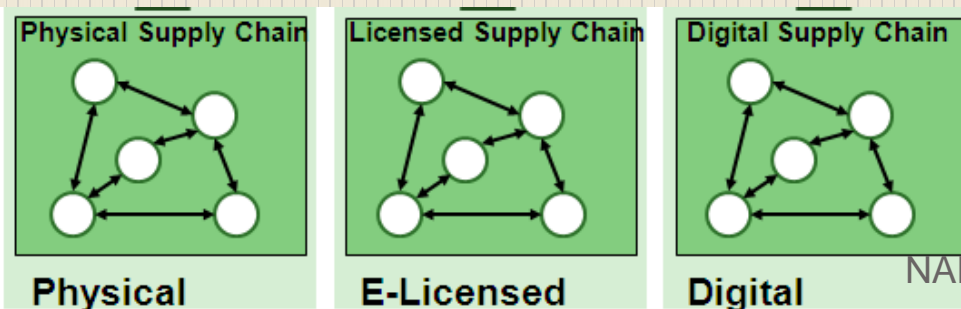
Photo credits at end

Inclusion of More Types of Content: What Is “The Collection”? Where Do Collections For Citizens, Students and Scholars Come From?

“[T]he stuff of cultural heritage collections, digital assets, pre-print services and the open Web, research labs, and learning management systems remains for the most part outside the scope of the catalog.

Scholarly information objects now include digitized rare and historical materials, textual primary source materials, graphical images, materials described in institutional and disciplinary repositories, conference Web sites, scholarly Web sites ... data sets, software, simulations, a rising array of multimedia resources, learning objects and courses—the list goes on.”

--LC report, p. 24

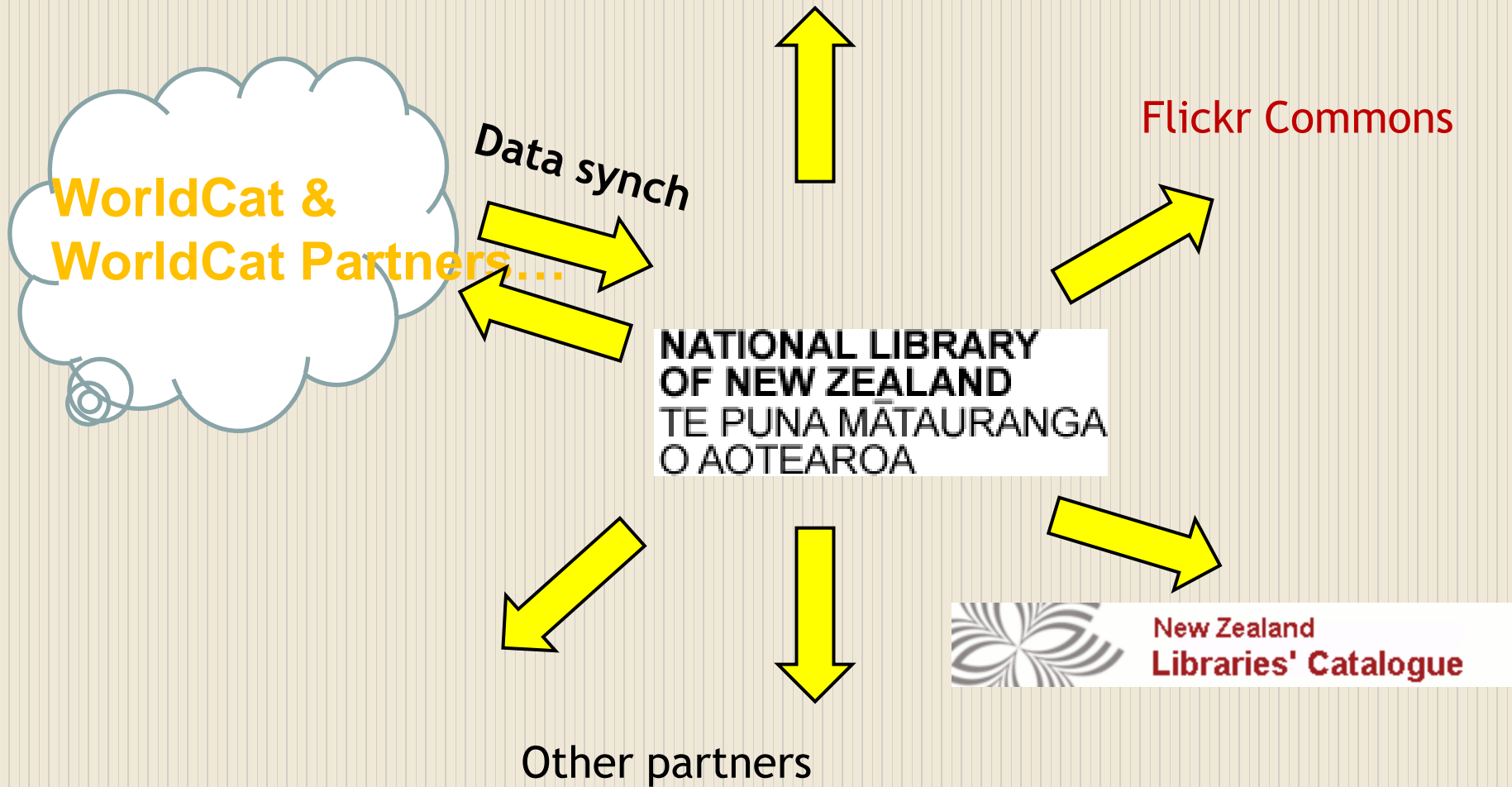


What If ...

- ... library collections were more visible on the Web?



Outward Integration: Data Synchronization and Syndication



An Example of Syndication: Start on Google Book Search ...

Web Images Videos Maps News Shopping Gmail more ▾ My library | Sign in

Google books Search Books [Advanced Book Search](#)

Auto-da-fé By Elias Canetti

★★★★★
38 Reviews
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ELIAS CANETTI ELIAS CANETTI ELIAS CANETTI

Winner of the Nobel Prize in Literature

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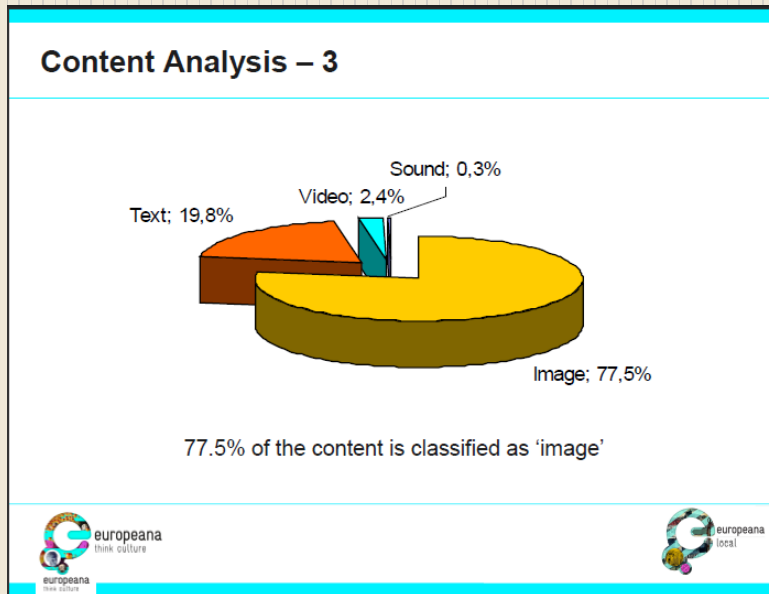
Auto-da-fé

Pushing metadata out, pulling users in:
It's all about linking metadata

Library	Held formats	Distance	
1. Library info ... (IB/COBISS), Institute of Information Science ... (venia)	Book	MAP IT	Ask a librarian Add to favorites

What If ...

- We could enable discovery and delivery of a wider range of information objects?



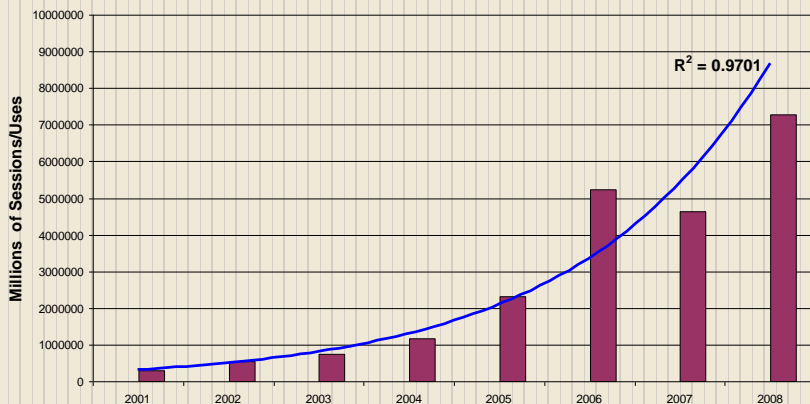
Europeana content



“Today’s catalog covers an important core collection (mostly books and journals, electronic and print), but a shrinking proportion of what students and scholars want to find and use.”—LC report, p. 28

Research into use and users of digital library collections

Usage of University of Wisconsin Digital Collections
2001-2008 [1]



“The function of searching across collections is a dream frequently discussed but seldom realized at a robust level. This paper ... discusses how we might move from isolated digital collections to interoperable digital libraries.”
—Howard Besser



“Digital libraries, far from being simple digital versions of library holdings, are now attracting a new type of public, bringing about new, unique and original ways for reading and understanding texts.”—BibUsages Study, BnF, 2002

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found 26 journals matching your query

[Academic Open Internet Journal](#) **DOAJ Content**

ISSN: 13114360

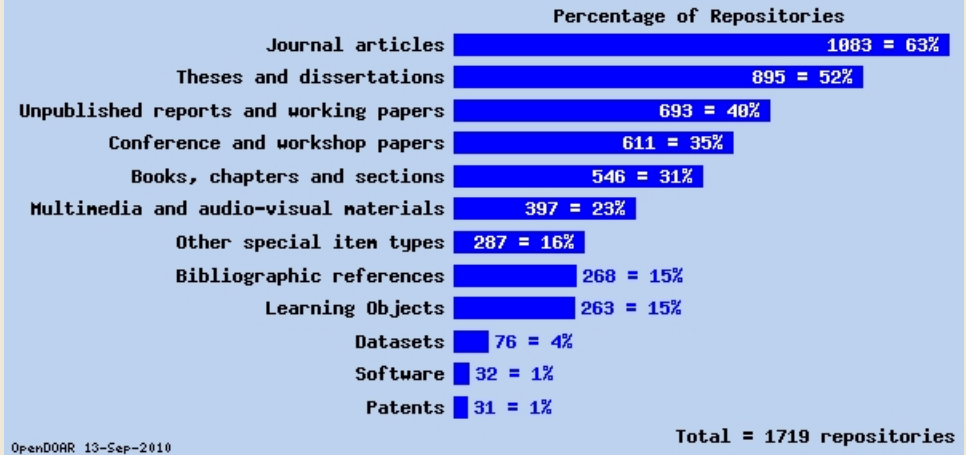
Worldwide Open Access Repositories

Source:

OpenDOAR

1,719 repositories
worldwide

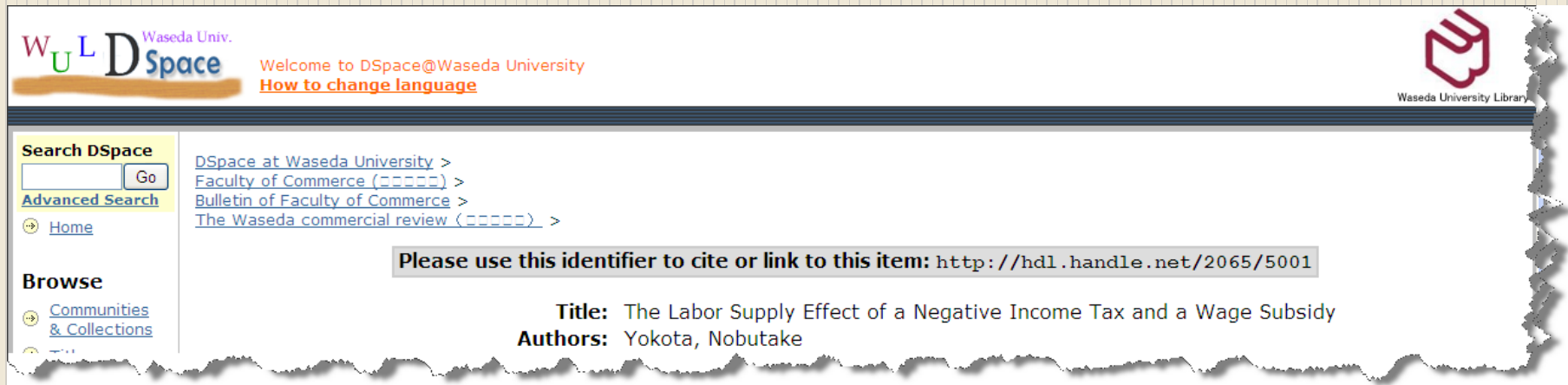
Content Types in OpenDOAR Repositories Worldwide



Bulgaria

- **Bulgarian Academy of Sciences** - <http://www.bas.bg/>
 1. **Repository at Institute of Mathematics and Informatics (DSpace at IMI)**
<http://sci-gems.math.bas.bg:8080/jspui/>
- **New Bulgarian University** - <http://www.nbu.bg/>
 1. **New Bulgarian University Scholar Electronic Repository**
<http://eprints.nbu.bg/>
- **Sofia University "St. Kliment Ohridski"** - <http://www.uni-sofia.bg/>
 1. **Research at Sofia University**
<http://research.uni-sofia.bg/>

Institutional Repository Metadata in WorldCat: OAlster



W U L DSpace Waseda Univ. Welcome to DSpace@Waseda University
[How to change language](#)

Waseda University Library

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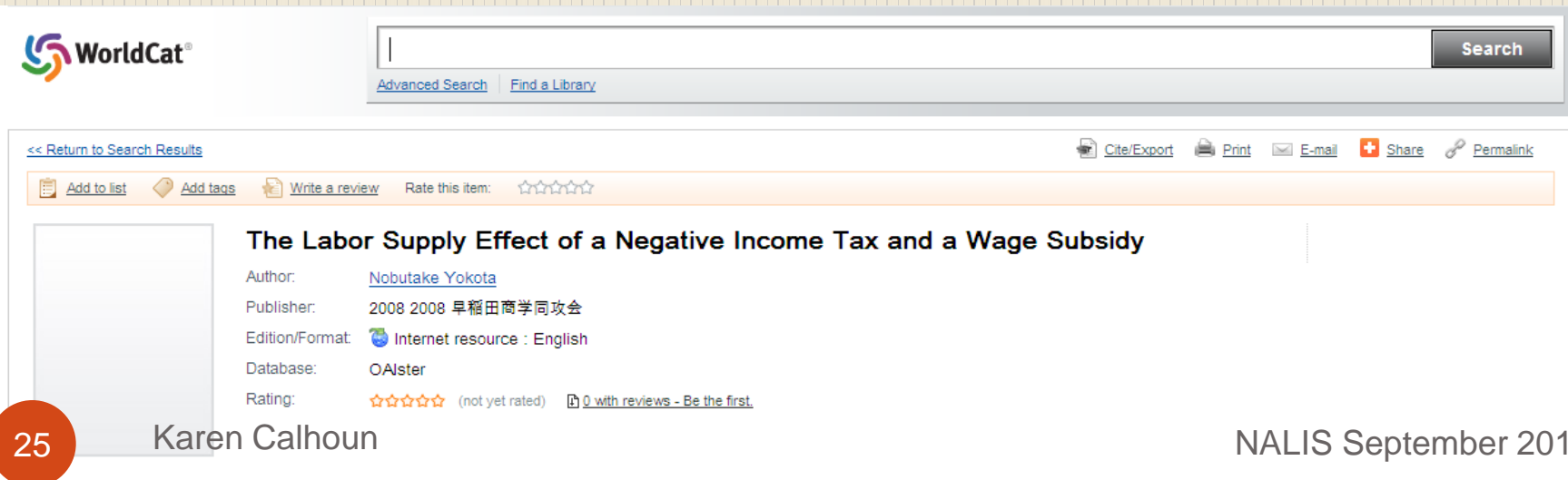
[DSpace at Waseda University >](#)
[Faculty of Commerce \(?????\) >](#)
[Bulletin of Faculty of Commerce >](#)
[The Waseda commercial review \(?????\) >](#)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/2065/5001>

Title: The Labor Supply Effect of a Negative Income Tax and a Wage Subsidy
Authors: Yokota, Nobutake



OAlster harvesting



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The Labor Supply Effect of a Negative Income Tax and a Wage Subsidy

Author: [Nobutake Yokota](#)
Publisher: 2008 2008 早稲田商学同攻会
Edition/Format: Internet resource : English
Database: OAlster
Rating: ☆☆☆☆☆ (not yet rated) [0 with reviews - Be the first.](#)

OAIster

- Aggregation (union catalog) of harvested open access collections
- OAI-OMH
- 25 million records, 1100 contributing institutions
- Began at University of Michigan; now managed by OCLC
- Going to self-service contribution model (Digital Collections Gateway)

OCLC's Digital Collections Gateway

- Self-service tool for uploading to WorldCat
- Freely available to members and non-members of OCLC
- Makes digital content more visible
- Compatible with all OAI-compliant repositories
- More information:
<http://www.oclc.org/gateway/about/default.htm>

What If ...

- We could collectively take better advantage of the metadata we have already produced?

Metadata Sources

Professionally produced

- Bibliography – cataloging ; abstracting and indexing services
- Authority and classification data
- Terminologies
- Publication supply chain data

Author/User contributed

- Institutional repositories
- Scholarly portals (e.g., arXiv.org)
- Tags, reviews, lists, etc.

Mined

- People Australia
- WorldCat Identities
- VIAF
- Facets for topics, places, events
- ...
- FRBR Work Sets

Algorithmically produced,
re-used, harvested ...

Paisii Khilendarski, Hieromonk b. ca. 1722

Overview

Works:	53 works in 128 publications in 8 languages and 715 library holdings
Genres:	Manuscripts, Church Slavic
Subject Headings:	Historians--Bulgaria Intellectuals--Bulgaria
Classifications:	dr74, 949.77

Publication Timeline

Most widely held works by Paisii

[Slavi i nobŭlgarska istoriia](#) by Paisii (Book)

63 editions published between 1914 and 2003 in 4 languages and held by 89 libraries worldwide

The Slavo-Bulgarian history by Paisii of Hilandar, originally written in 1762. Several minor inscriptions on the back cover, including signatures of those who read the work dated 1883, 1886, 1913 and 1906. Ornamented headings and initials.

Useful Links

- [Library of Congress Authority File \(English\)](#)

Associated Subjects

[Balkan Peninsula](#) [Bibliography](#) [Biography](#) [Birthplaces](#) [Bulgaria](#) [Bulgarian literature](#) [Church Slavic language--Bulgarian recension](#)
[Criticism, interpretation, etc.](#) [Delčev, Goce,--1872-1903](#) [Early works](#) [Education](#) [Education--Philosophy](#) [Enlightenment](#) [Europe--](#)
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[Intellectual life](#) [Intellectuals](#) [Istoriia slavi i nobolgarskaii \(Paisii, Khilendarski, Hieromonk\)](#) [Levski, Vasil Ivanov,--1837-1873](#)
[Manuscripts, Church Slavic](#) [Monasteries](#) [Monasteries, Orthodox Eastern](#) [Monks](#) [Nationalism](#) [Neofit,](#)
[--Archimandrite,--ca. 1780-1848](#) [Neofit,--Rilski,--ca. 1790-1881](#) [Paisii,--Khilendarski, Hieromonk,--b. ca.](#)
[1722](#) [Philosophy](#) [Poetry](#) [Revolutionaries](#) [Slavs](#) [Sofronii,--Vrachanski, Bishop of Vratsa,--1739-1813](#) [Sources](#) [Zografski manastir](#)
[\(Athos, Greece\)](#)

Alternative Names

Paisii Khilendarski ieromonakh,
 Paisii Samokovskii, Hieromonk,
 Samokovskii, Paisii b. ca. 1722
 Khilendarski, Paisii b. ca. 1722
 Paisii Hieromonk,
 Paisii Khilendarski, ieromonakh,
 Paisii Khilendarski, otet'si,
 Paisy Khilendarski, Hieromonk,
 Paissi Khilendarski, Hieromonk,
 Hilendarski, Paisy b. ca. 1722

Languages



[Bulgarian](#) (109)
[Church Slavic](#) (7)

VIAF: Virtual International Authority File


VIAF: The Virtual International Authority File

VIAF is a joint project of several national libraries, implemented and hosted by [OCLC](#). The project's goal is to lower the cost and increase the utility of library authority files by matching and linking the authority files of national libraries, and then making that information available on the Web.

Participating institutions are:

-  [National Library of Australia](#)
-  [National Library of the Czech Republic](#)
-  [Bibliotheca Alexandrina \(Egypt\)](#)
-  [Bibliothèque nationale de France](#)
-  [Deutsche Nationalbibliothek](#)
-  [Getty Research Institute](#)
-  [National Library of Israel](#)
-  [Istituto Centrale per il Catalogo Unico \(Italy\)](#)
-  [Biblioteca Nacional de Portugal](#)
-  [Biblioteca Nacional de España](#)
-  [National Library of Sweden](#)
-  [Swiss National Library](#)
-  [Library of Congress/NACO](#)
-  [Vatican Library](#)
-  [NUKAT Center \(Poland\)](#)
-  [Library and Archives Canada](#)
-  [NII \(Japan\)](#)
-  [National Széchényi Library \(Hungary\)](#)

We also load files into VIAF for testing:

-  [RERO \(Switzerland\) -test](#)

The search box at the top of this page searches a merged view of VIAF, currently derived from the personal name authority and related bibliographic data of the participating libraries.

Search

Select Field:

All Fields

Select Index:

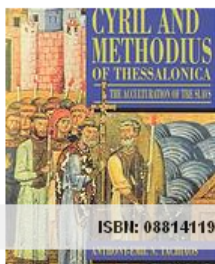
All VIAF



Search Terms:


Saint Cyril, Apostle of the Slavs, ca. 827-869


Search


Selected Covers





Cyril, Saint, Apostle of the Slavs, ca. 827-869  


Konstantin, svatý, 827-869 

Cyryllus Sanctus 826-869 

Cyryllus, s., apostolo degli Slavi, c. 827-869 

Cyrille saint 0827?-0869 

Kyrillos, helgon, slavernas apostel, ca 827-869 

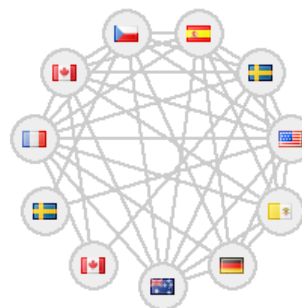
Cirilo, Santo, Apóstol de los Eslavos ca. 827-869 

Cyrille, saint, apôtre des Slaves, ca 827-869 

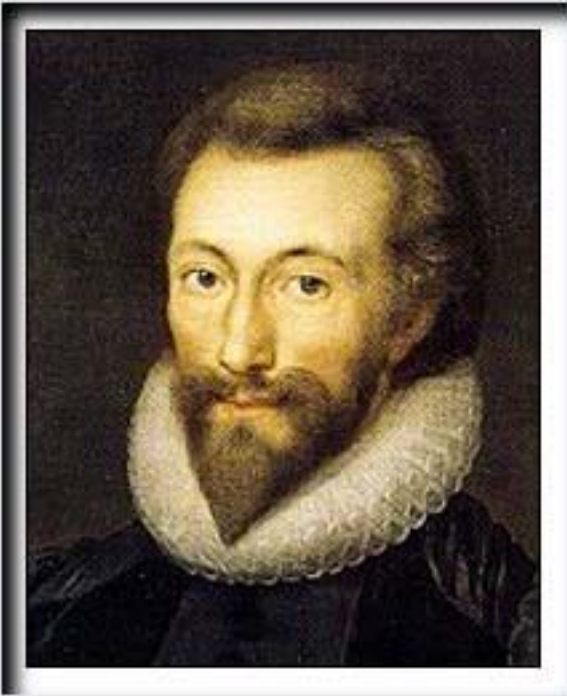
VIAF ID:10637017

Preferred Forms

-  [100 1a Cyril, 1c Saint, Apostle of the Slavs, 1d ca. 827-869](#) 
-  [100 1a Cyryllus 1c Sanctus 1d 826-869](#) 
-  [100 1a Cyryllus, 1c s., apostolo degli Slavi, 1d c. 827-869](#) 
-  [100 1a Cyril, 1c Saint, Apostle of the Slavs, 1d ca. 827-869](#) 
-  [100 1a Kyrillos, 1c helgon, slavernas apostel, 1d ca 827-869](#) 
-  [100 1a Cirilo, 1c Santo, Apóstol de los Eslavos 1d ca. 827-869](#) 
-  [100 1a Konstantin, 1c svatý, 1d 827-869](#) 
-  [100 1a Cyril, 1c Saint, Apostle of the Slavs, 1d ca. 827-869](#) 
-  [200 1a Cyrille 1c saint 1f 0827?-0869](#) 
-  [100 1a Kyrillos, 1c helgon, slavernas apostel, 1d ca 827-869](#) 
-  [100 1a Cyrille, 1c saint, apôtre des Slaves, 1d ca 827-869](#) 



Thank You!



No man is an Island, entire of itself;
every man is a piece of the Continent,
a part of the main.

Meditation XVII, *John Donne*

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- Pencho Slaveykov Public Library Varna. Main Building. <http://www.libvar.bg/library/tour/index-eng.html>

- **Slide 21**

- Europeana Content pie chart., p. 25. In: Europeana Content Strategy. http://version1.europeana.eu/c/document_library/get_file?uuid=b7b24d45-116e-442f-8b85-fbf931ebee72&groupId=10602

- **Slide 33**

- Image of John Donne. <http://en.wikipedia.org/wiki/File:JohnDonne.jpg>