

平成22年度NACISIS-CAT/ILLワークショップ

OCLCの動向

2010年12月9日

早稲田大学図書館

荘司 雅之

お話する内容

- OCLCとは
- WorldCat
- WorldCat Local
- Web Scale
- VIAF
- National MARC対応

OCLCとは

- 世界最大のライブラリーネットワーク
- 非営利団体
- ミッション：
Connecting people to knowledge through library cooperation.
(図書館ネットワークによって人々を智に結びつける)
- ヴィジョン：
The world's libraries. Connected.
(世界中の図書館がつながる事)



OCLC®

The world's libraries.
Connected.™

OCLCとは



OCLCとは

1967年 オハイオ州立大学内に発足 (Ohio College Library Center)

1969年 米国議会図書館 MARC配布サービス開始

1971年 オンライン・カタログサービス開始

1977年 オハイオ州外へのサービス提供を開始

1979年 ILLサービス開始

1981年 名称変更 (Online Computer Library Center, Incorporated.)
OCLC Europe開局

1986年 OCLC Asia Pacific開局、日本へサービス提供開始

1987年 CJKシステムのサービス開始

1990年 レファレンスサービス: EPIC開始

1991年 エンドユーザー向けのレファレンスサービス: FirstSearch開始

OCLCとは

1997年 電子ジャーナルのサービス: Electronic Collections Online (ECO) 開始

1999年 FirstSearchとECOを統合したNew FirstSearch (FirstSearch v.5.0)リリース

2000年 CORC (Cooperative Online Resource Catalog)リリース

2001年 OCLC Members Councilに初めてAsia Pacificから代表を選

2002年 NetLibraryを一部門とする

協同レファレンスサービス: QuestionPointリリース

2006年 RLGと統合、共同目録RLINをWorldCatに統合

2010年 NetLibraryをEBSCO Publishingに売却

- NetLibrary、FirstSearchの他のベンダー所有DBなどを売却しMetadataに集中



WorldCat

- WorldCat:
有料書誌DB, MARC21
- WorldCat.org:
WorldCatの無料公開版
API公開
- WorldCat Local:
WorldCat.org と個別図書館の図書館システムが
連動したもの
- Open WorldCat:
主な検索エンジンにWorldCatの書誌情報を提供
- ⇒ 検索対象から図書館へのナビゲートを目指す。

WorldCat facts and statistics

72,000

Number of libraries
represented worldwide

1,666,818,063

Number of holdings

[Watch WorldCat grow »](#)

171

Countries and
territories with library
holdings in WorldCat

Every 10 seconds

How often a record is added

Over 470

Number of languages
and dialects
represented

[View languages tag cloud »](#)

**Every 4
seconds**

How often a request is
filled through [WorldCat
Resource Sharing](#)

**Every
second**

How often WorldCat is
searched via
[FirstSearch](#)

212,770,155

Number of bibliographic records



May 2010

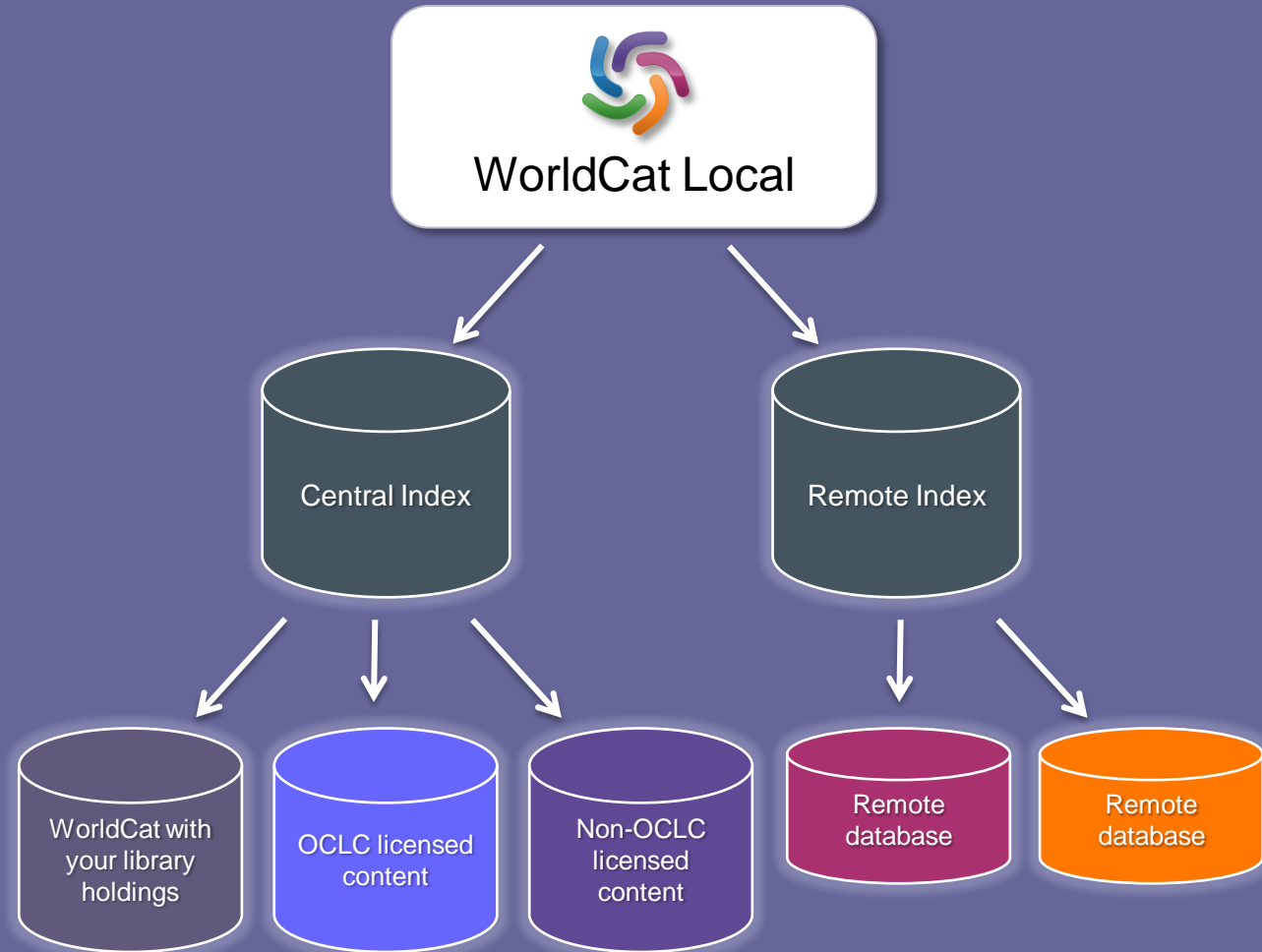
WorldCat Local

- ・ WorldCat.org と 図書館のILSを連携
 - 書誌のOCLC# がキー
- ・ 利用者が見る情報：
 - 書誌情報：WorldCat.org
 - 所蔵情報：LocalのILS
- ・ 書誌の絞り込み
 - 自館（OCLC登録単位）
 - コンソーシアム
 - WorldCat.org

Create a compelling user environment

WorldCat Local

Metasearch:
Integrated
access to
your local
and remote
resources



Ex. [University of Washington](#)

Web Scale

Matt Goldner

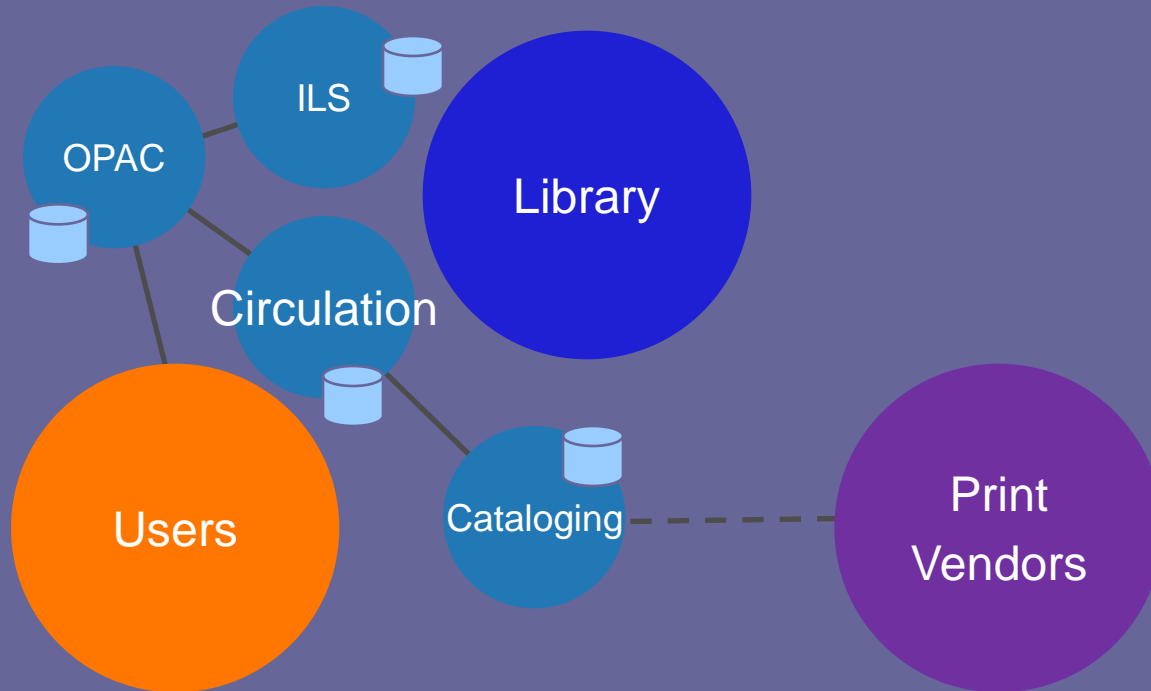
Product and Technology Advocate

OCLC Asia Pacific Regional Conference

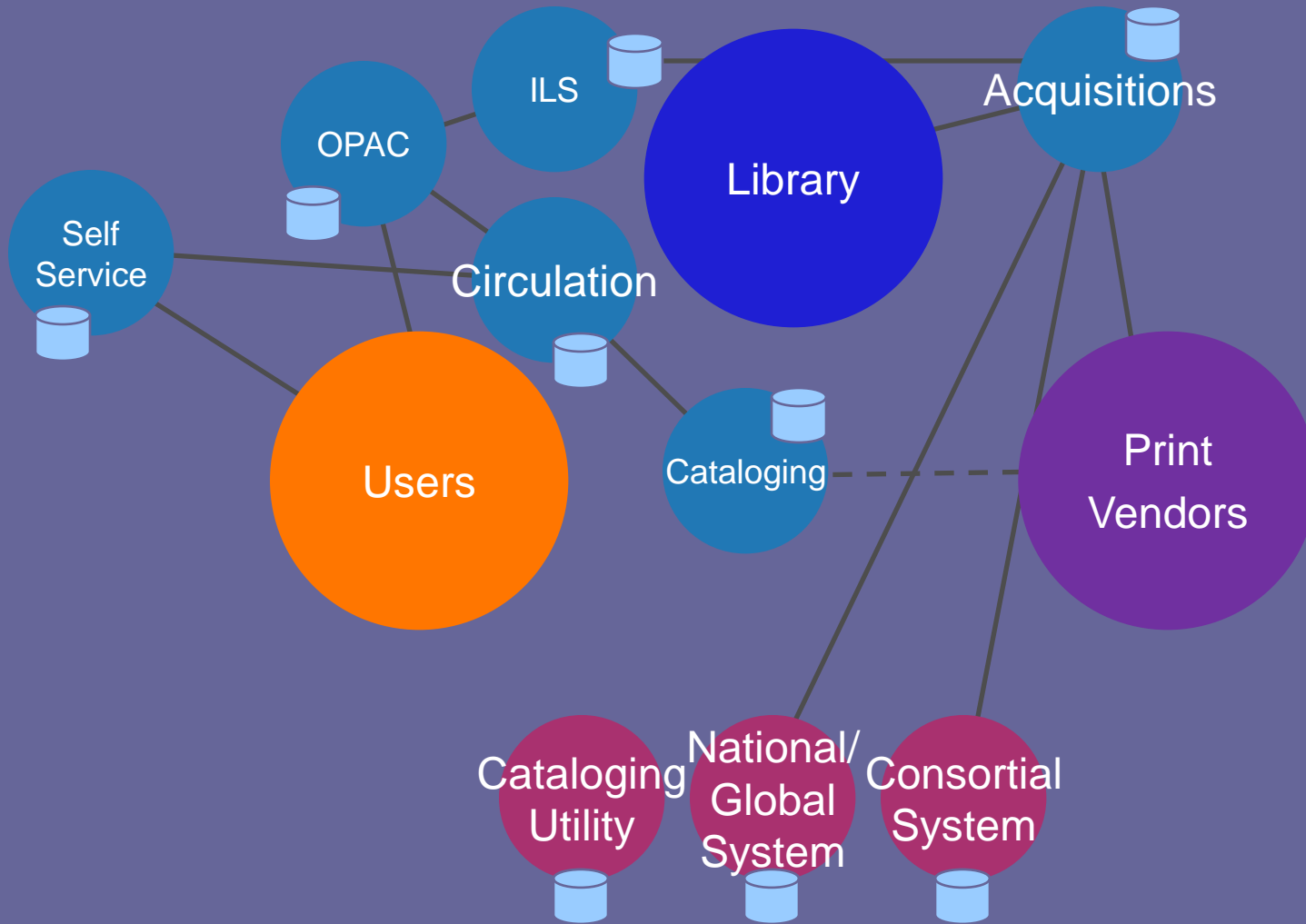
Sep 6-7, 2010 Waseda University



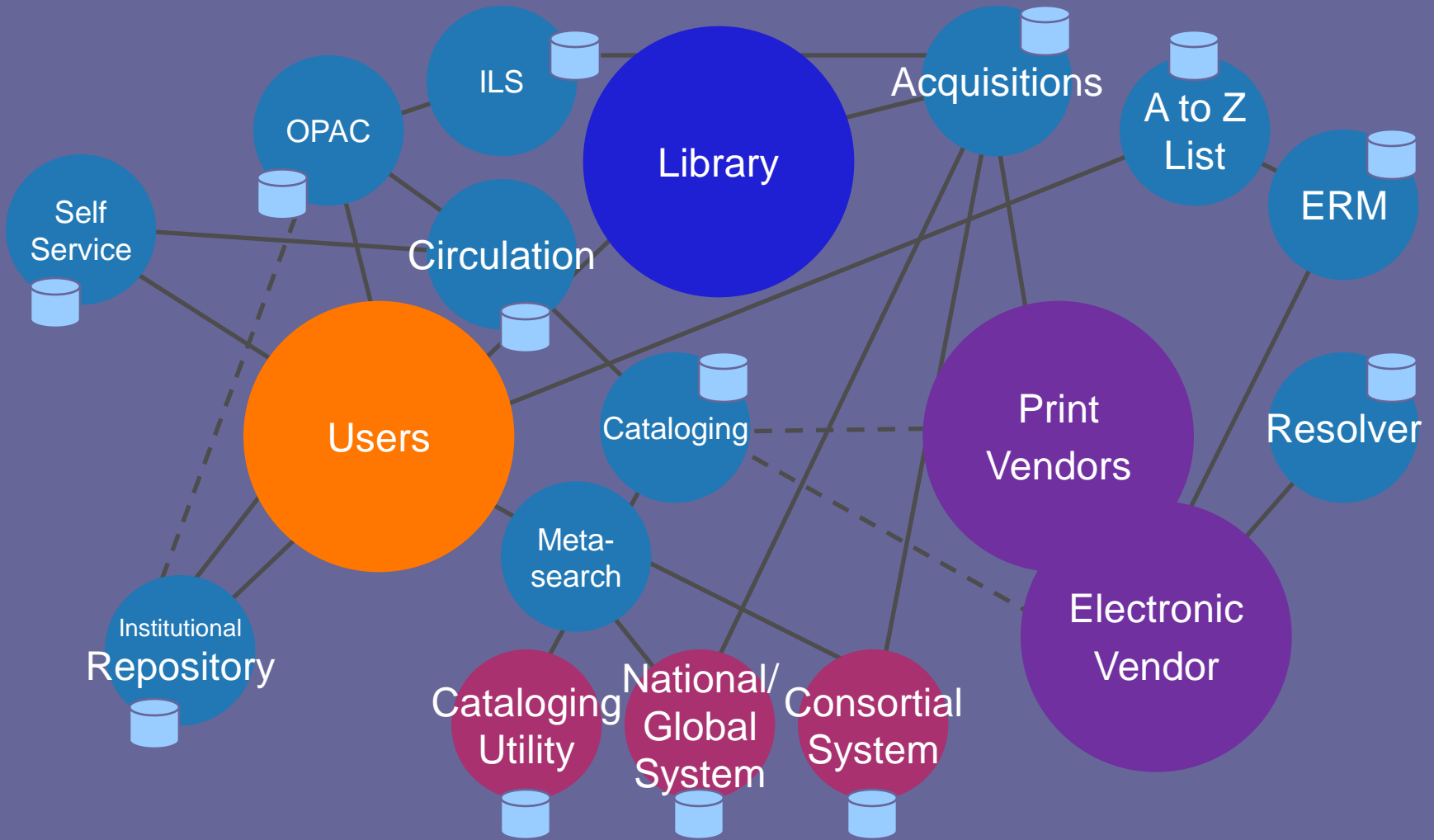
In the 1970s...



In the 1980s...



In the 2000s...



Web scale value proposition

70%

INFRASTRUCTURE

30%

INITIATIVE

Cloud Computing



A style of computing in which scalable and elastic IT-enabled capabilities are delivered as a service to external customers using Internet technologies.

-Gartner Group

Simple: Web-based applications with shared data and services.

Web scale value proposition

After cloud computing...

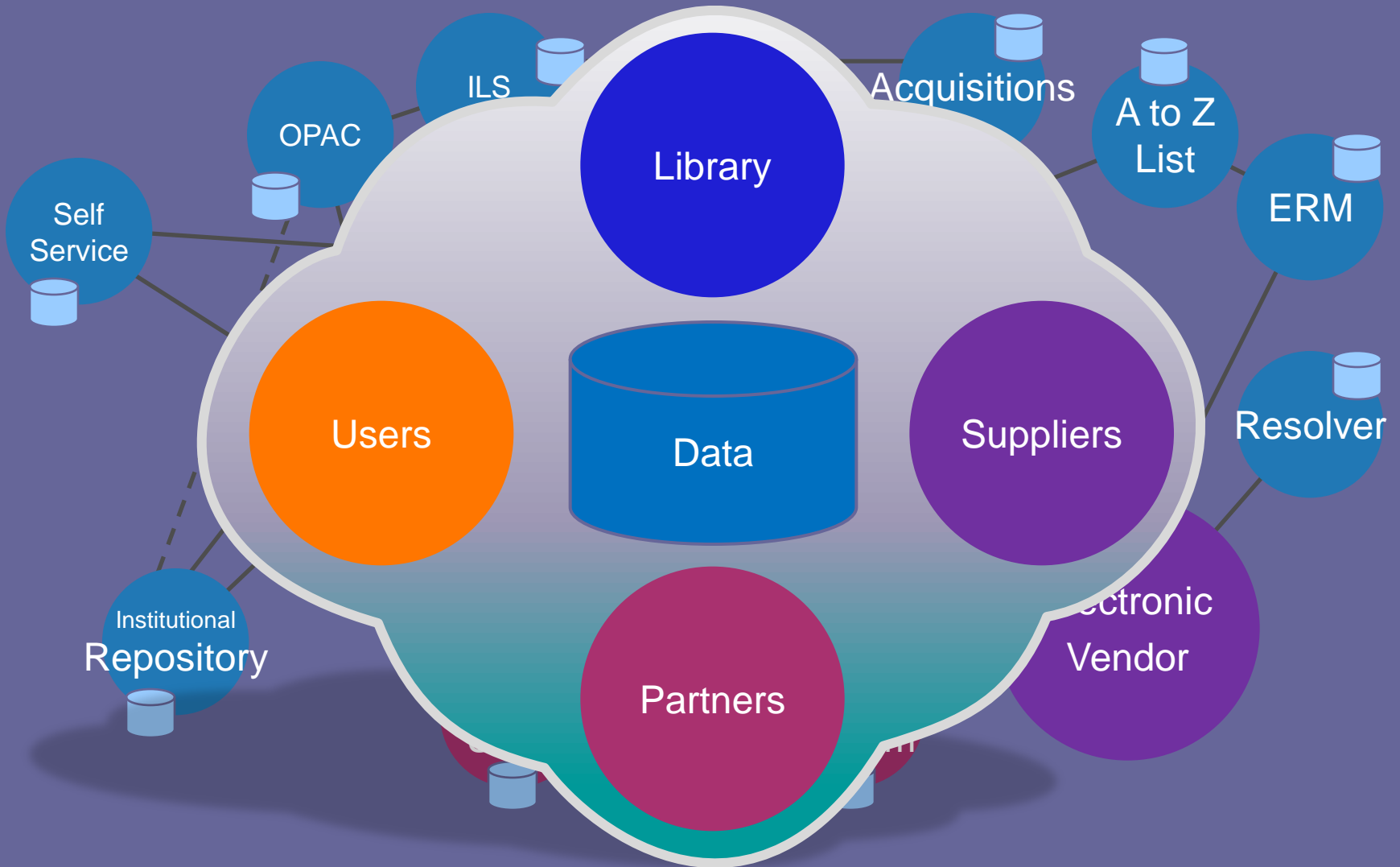
30%

INFRASTRUCTURE

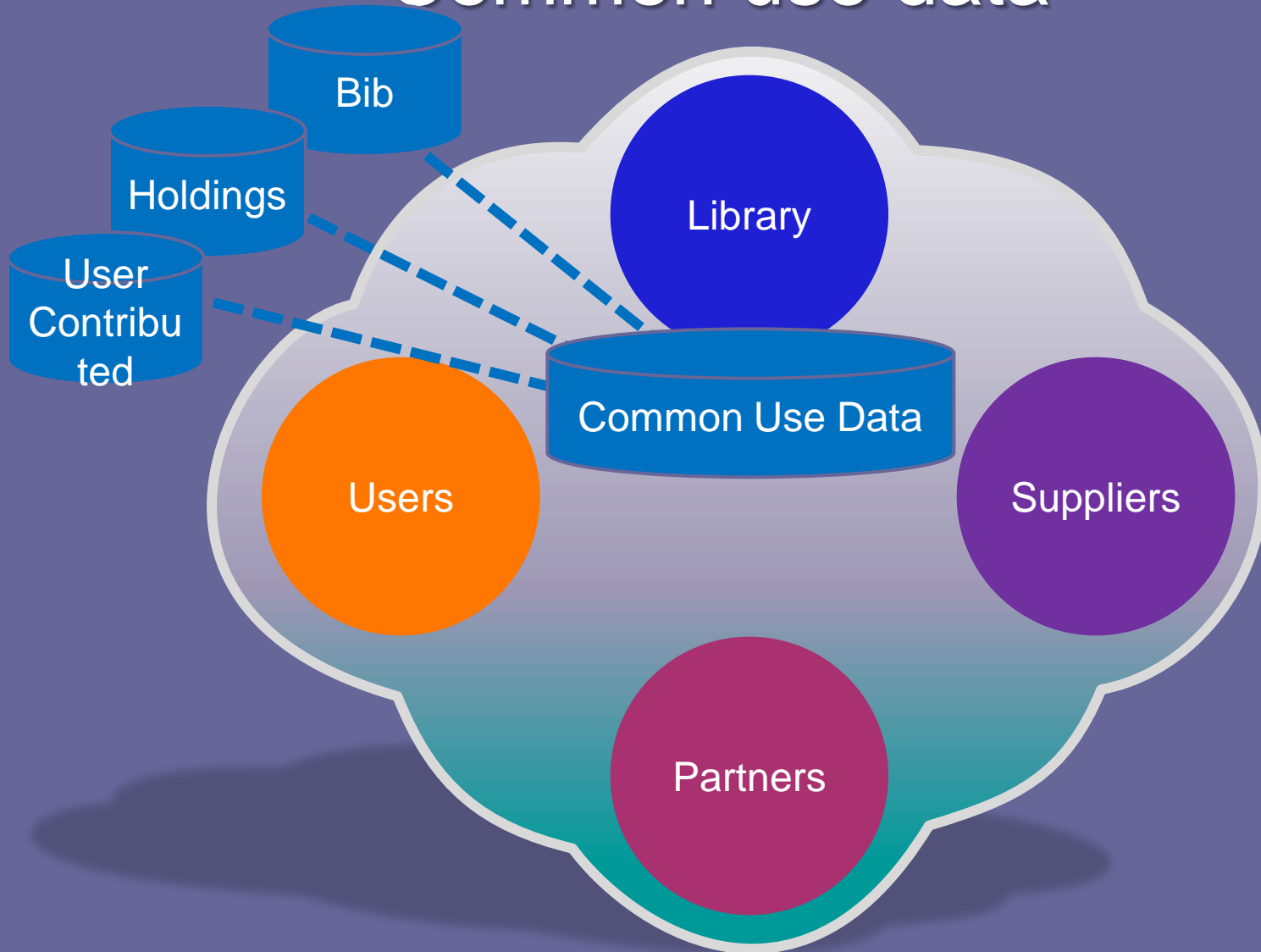
70%

INITIATIVE

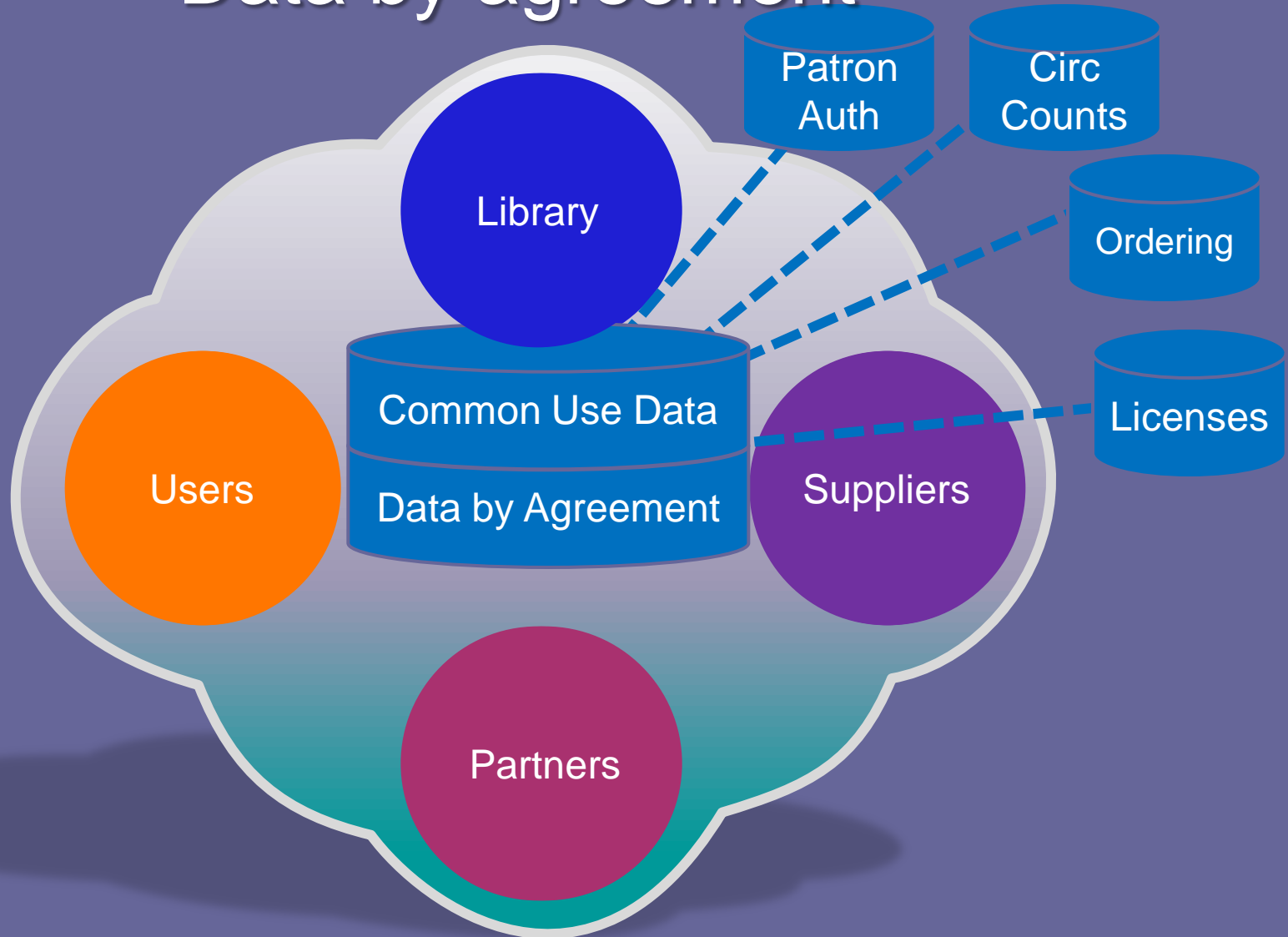
What if...



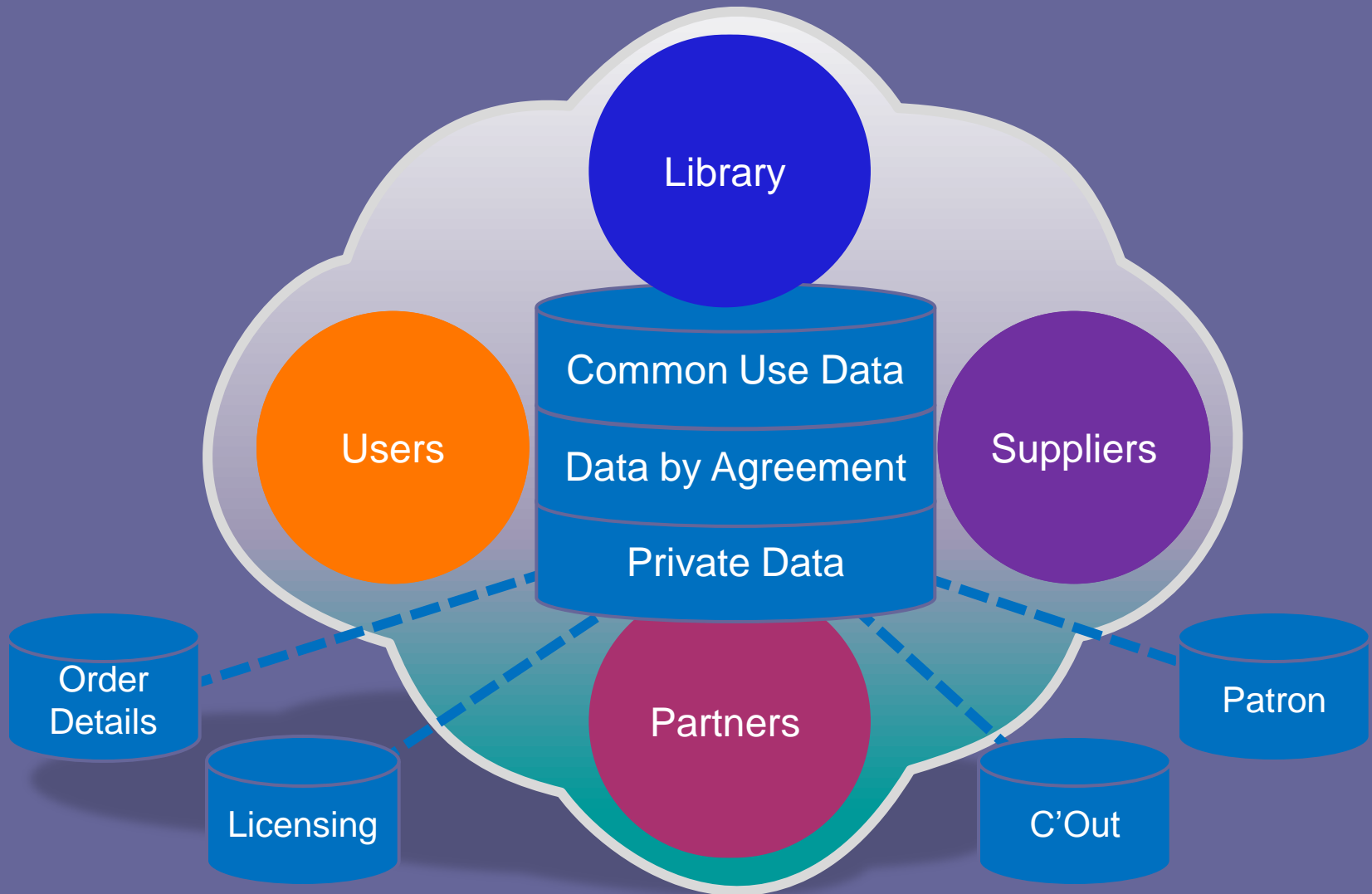
Efficient storage of data in the cloud: Common use data



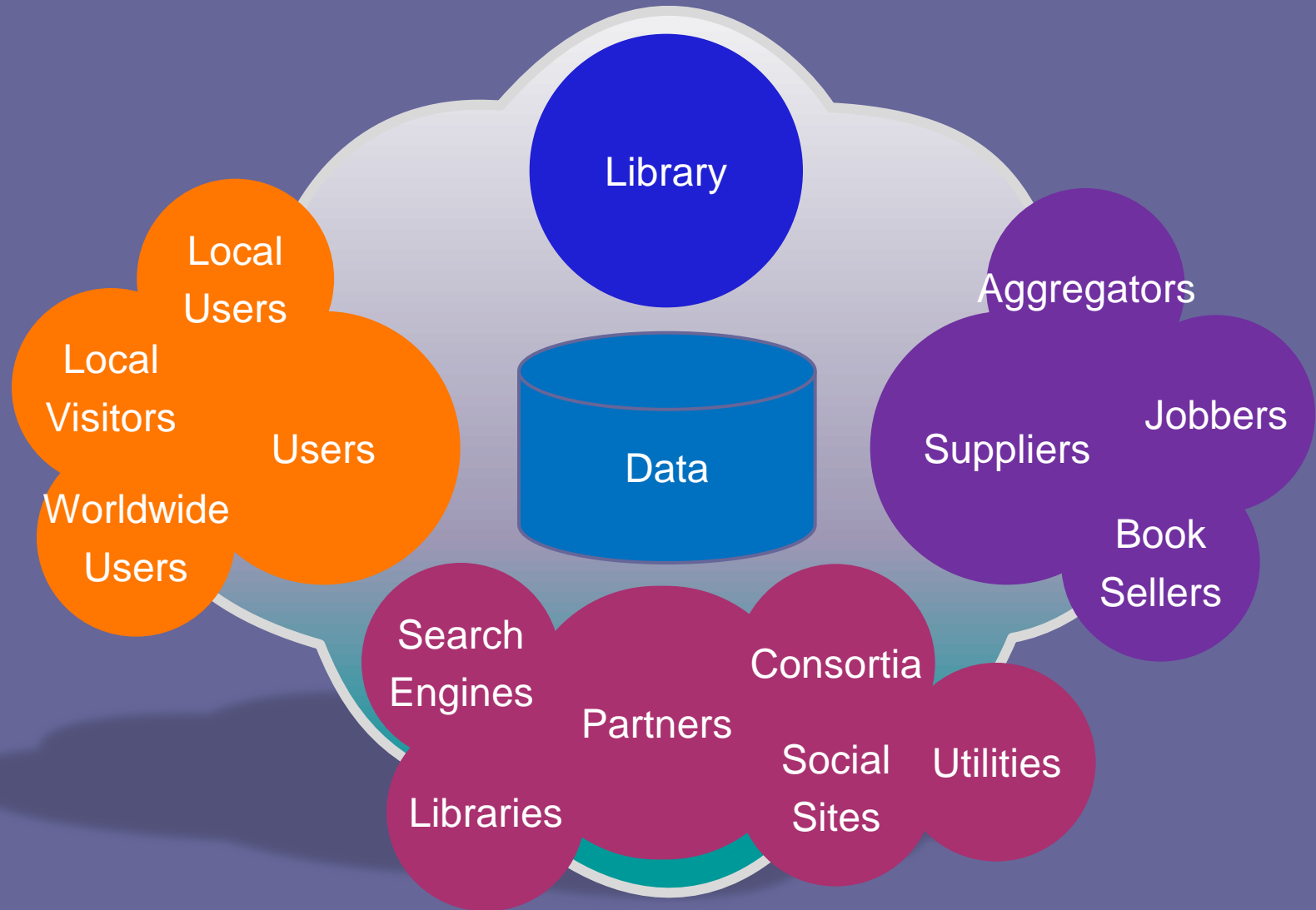
Efficient storage of data in the cloud: Data by agreement



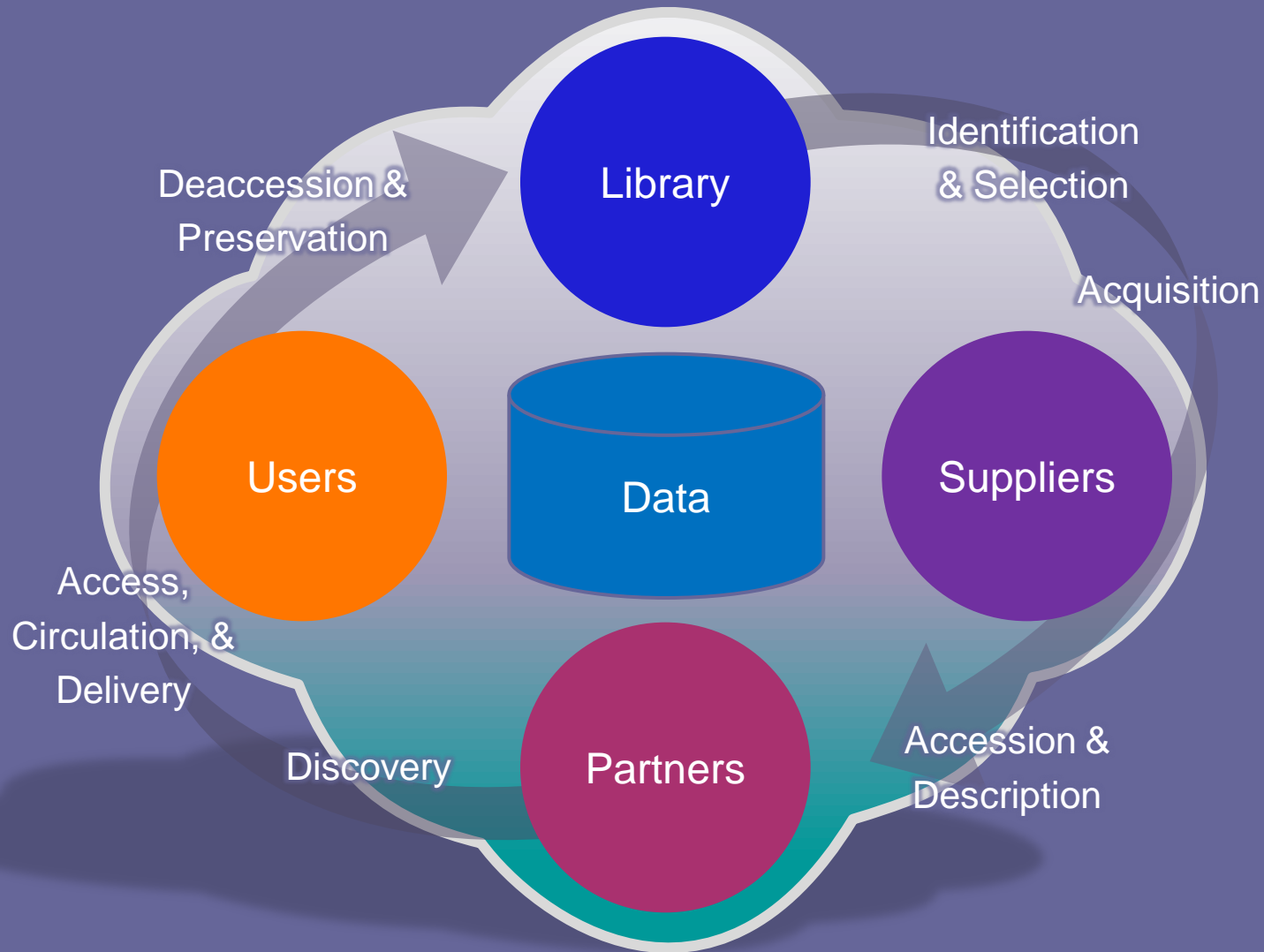
Efficient storage of data in the cloud: Private data



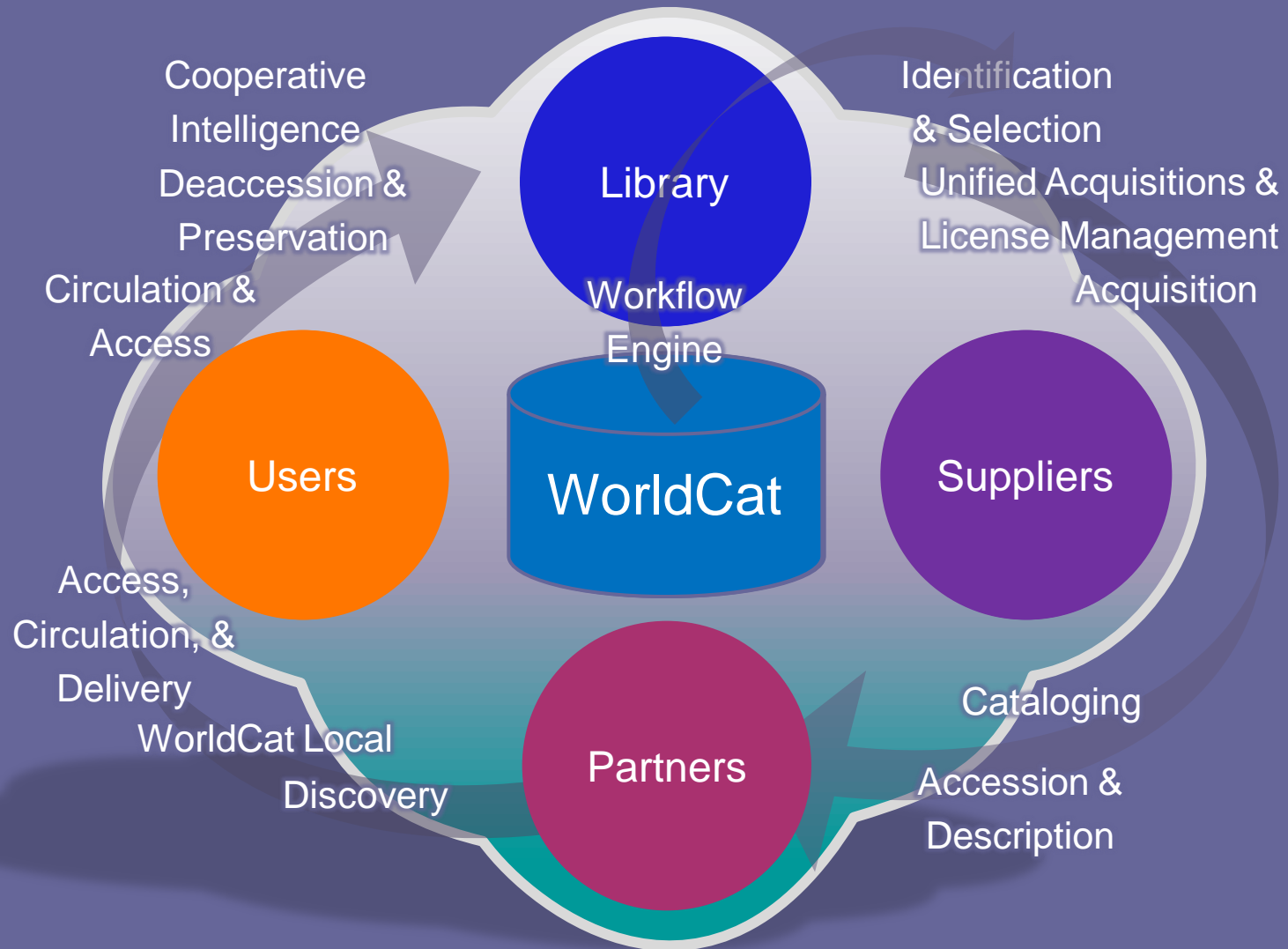
Improved interaction



More efficient and flexible workflows



Web-scale Management Components



Discover Items

Keyword

cosmology

Only my library holdings

Search

Keyword with "cosmology"

Keyword with "cosmology"

Results 1-10 of 34734

<< First < Previous 1 2 3 4 5 6 7 8 9 10 Next > Last >>

[Endless universe : beyond the Big Bang /](#)

by Steinhardt, Paul J.
Publisher: New York : Doubleday, 2007
Format: Book
OCLC Number: 70877848
Language: eng

Add to Order

 [View Local Title Information](#)

View Local Title Information ✕

Holds: 0
Copies: 0

[The cosmic century : a history of astrophysics and cosmology /](#)


by Longair, M. S.,
Publisher: Cambridge : Cambridge University Press, 2006
Format: Book
OCLC Number: 62475336
Language: eng

[Information](#)


[The fabric of the cosmos : space, time, and the texture of reality /](#)

by Greene, B.
Publisher: New York : A.A. Knopf, 2004
Format: Book
OCLC Number: 52854030
Language: eng

Add to Order

 [View Local Title Information](#)

Add to Order

 [View Local Title Information](#)

[Death by black hole : and other cosmic quandaries /](#)

by Tyson, Neil deGrasse.
Publisher: New York : W.W. Norton, 2007
Format: Book
OCLC Number: 70265574
Language: eng

Add to Order

[Parallel worlds : a journey through creation, higher dimensions, and the future of the](#)

Discover Items

Keyword

cosmology

Only my library holdings

Search

Keyword with "cosmology"

Keyword with "cosmology"

Results 1-10 of 34734

<< First < Previous 1 2 3 4 5 6 7 8 9 10 Next > Last >>

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OCLC Number: 70877848
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Add to Order

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Language: eng

[The fabric of the cosmos : space, time, and the te](#)

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OCLC Number: 52854030
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[Death by black hole : and other cosmic quandarie](#)

by Tyson, Neil deGrasse.
Publisher: New York : W.W. Norton, 2007
Format: Book
OCLC Number: 70265574
Language: eng

[Parallel worlds : a journey through creation, high](#)

Add selected item to an Order or create a New Order

Click on [+] to add "Endless universe : beyond the Big Bang /" to one of the following order(s):

cib625	[+] 0 Item(s)
msi6	[+] 2 Item(s)
msi6	[+] 1 Item(s)
msi8	[+] 3 Item(s)
Science 4011	[+] 2 Item(s)
Test Order 002 Jill	[+] 4 Item(s)

Create Order

Purchase Order Number:

PO Default Number Range

Order Name:

Vendor:

Assist Patrons

Enter barcode

Search

Everything

Theresa Brown

Check In

Discover Items

Toolbox

Theresa Brown

Checkout Profile Account

Account Overview

2 items checked out

0 requested items ready to pick up

0 items overdue

3 requested items not yet available

\$3.10 current fine balance

0 items claimed returned

Enter barcode

[Change Due Date](#)

Results 1-2 of 2

<< First < Previous 1 Next > Last >>

Title	Barcode	Out Date	Due Date	Renewed	<input type="checkbox"/>
The role of the academic reference librarian / / Whitlatch, Jo Bell.	311186001562773	07/09/2010 05:15:45 pm	07/10/2010 04:00:00 am	0	<input type="checkbox"/>
The systems librarian : designing roles, defining skills / / Wilson, Thomas C.	311186001506291	07/09/2010 05:15:42 pm	07/10/2010 04:00:00 am	0	<input type="checkbox"/>

Results 1-2 of 2

<< First < Previous 1 Next > Last >>

Web-scale Management is more than ready-made services

- Any next-generation solution must enable levels of access for local development and participation unparalleled in the history of library automation
- Web-scale Management Services offer:
- A platform on which to build your library's future
- A platform that enables innovation

How the platform works

facebook

Search



Hello Matt!

Share

Home

Advanced

Something to Read

Favorite WorldCat Lists

Invite Friends

Contact Us

Search for an item in libraries near you

Enter title, subject or author

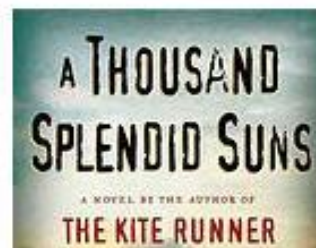
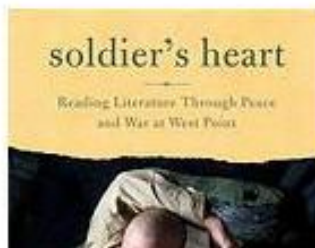


Search WorldCat

If you add your current interests to your Facebook profile, we'll add a WorldCat quick search for you here.

Reading Suggestions

In WorldCat.org you can create lists of books, music, video and more, organized any way you'd like. These selections are from recent WorldCat.org lists of books "to read". See more.



Example: Putting a Bestseller Widget into Acquisitions

The screenshot displays the OCLC Web-scale Management Service interface. The top navigation bar includes 'Settings', 'Acquisitions', and 'Circulation'. A sidebar on the left contains menu items: 'Discover Items', 'Order', 'Receive', 'Invoice', 'Manage Budgets', 'Manage Vendors', and 'Bestsellers' (highlighted with a red circle). The main content area shows a 'New York Times' widget (highlighted with a red circle) with a list of 10 books. The table below lists these books with columns for Rank, Title, Weeks On, Copies, Holds, and a checkbox. The 'Bestsellers' widget and the table data are also highlighted with red circles.

Results 1-10 of 20

Rank	Title	Weeks On	Copies	Holds	<input type="checkbox"/>
1	The girl with the dragon tattoo	13	7	17	<input type="checkbox"/>
2	The girl who played with fire	12	4	12	<input type="checkbox"/>
3	Black hills	3	9	1	<input type="checkbox"/>
4	The bourne deception	2	6	2	<input type="checkbox"/>
5	The doomsday key	3	6	5	<input type="checkbox"/>
6	Orchard valley grooms	3	9	2	<input type="checkbox"/>
7	Garrett	3	9	3	<input type="checkbox"/>
8	Medusa	3	0	8	<input type="checkbox"/>
9	Matters of the heart	3	9	9	<input type="checkbox"/>
10	Married by morning	3	6	1	<input type="checkbox"/>

Results 1-10 of 20

Order

Branch: OCLC Unit Test Library

Example: Integrating with you local system

The screenshot shows a web browser window titled "OLIB WebView 8.0.0 - Windows Internet Explorer". The address bar contains the URL: http://franklin/opac?infile=name_details.glu&moid=68rs=277&hitno=4. The browser interface includes a search bar with "Find: 15729", navigation buttons, and a "Quick Search" field. The main content area displays the "WorldCat® Identities" page for "Brookmyre, Christopher, 1968-".

WorldCat® Identities (Beta)

Jump To: [Overview](#) | [Publication Timeline](#) | [Works About](#) | [Works By](#) | [Audience Level](#) | [Related Names](#) | [Useful Links](#) | [Fast Headings](#)

Brookmyre, Christopher 1968-

Overview

Works:	22 works in 97 publications in 4 languages and 2,906 library holdings
Genres:	Mystery fiction Suspense fiction Humorous fiction Detective and mystery stories Satire
Classifications:	pr6052.r58158, 823.914

Publication Timeline

Key

- Publications about Christopher Brookmyre
- Publications by Christopher Brookmyre

Most widely held works by Christopher Brookmyre

Not the end of the world by Christopher Brookmyre (Book)
8 editions published between 1998 and 2004 in English and held by 479 libraries worldwide
Stuck playing referee between b-movie trashpeddlers and fundamentalist protestors, LAPD cop Larr Freeman would rather be trying to work out how four scientists vanished without trace.

Country of the blind by Christopher Brookmyre (Book)
7 editions published between 1997 and 2003 in English and held by 390 libraries worldwide
The murder of a media mogul in his country mansion appears to be the result of a gang of would-be thieves being distributed.

Quite ugly one morning by Christopher Brookmyre (Book)

Alternative Names
クリストファー・ブルックマイア

Languages
[English \(84\)](#)
[Croatian \(1\)](#)
[Japanese \(1\)](#)
[French \(1\)](#)

Covers

Top reasons that OCLC Web-scale Management Services are unique

- The approach
 - Traditionally other services are “hosted” in the cloud, library by library, and not as a centralized set of data and software
 - System is Service Oriented Architecture (SOA) by design, not API’s bolted on to the system as an after thought
 - Provides a Platform to build extended services on
 - Built on a workflow engine to make workflows flexible and expandable

Top reasons that OCLC Web-scale Management Services are unique

- The capabilities
 - System built on aggregated shareable data
 - Built by the community: WorldCat, holdings, vendors, etc.
 - Added by OCLC: knowledge base, evaluative content, etc.
 - Simplified identification and selection of materials using WorldCat
 - Unified acquisitions workflow for physical and electronic materials to match today's collection
 - Single search and delivery user interface to match today's users

Top reasons that OCLC Web-scale Management Services are unique

- The community
 - OCLC is uniquely positioned to add the OCLC network to the data, services, and infrastructure that is being offered
 - Allows cooperative intelligence among libraries
 - Allows cooperative workflows between libraries

Start imagining the – YOUR - future

“Today’s librarians are engaging information seekers wherever they are—at the beach, in the street, on the stage, on the Web—to extend their impact and set in motion growing waves of relevance and usage.”

OCLC NextSpace, Issue 13



ProBiblio, the Netherlands



Texas A&M University
West Campus Business Library



Johnson County Library, Kansas

"The mission of librarians is to improve society through facilitating knowledge creation in their communities."

R. David Lankes, Syracuse University
Keynote, 29th Annual Charleston Conference


VIAF

- **Karen Calhoun**
 - Vice President, Metadata Services and Global Member Engagement



Virtual International Authority File

- Bibliotheca Alexandrina (Egypt)
- Bibliothèque nationale de France
- German National Library
- ICCU (Italy)
- Library of Congress
- Narodni Knihovna (Czech Republic)
- National Institute for Informatics (Japan)
- National Library of Australia
- National Library of Israel
- National Library of New Zealand
- National Library of Portugal
- National Library of Spain
- National Library of Sweden
- Swiss National Library
- Vatican Library
- OCLC Research



Tolstoj, Lev N. 🇦🇪
Tolstoj, Lev Nikolaevič, graf, 1828-1910 🇺🇸
Tolstoj, Leão, 1828-1910 🇵🇹
1828-1910 טולסטוי, לב ניקולייץ, 🇮🇱
ТОЛСТОЙ, ЛЕВ НИКОЛАЕВИЧ, ГРАФ, 1828-1910
Tolstoj, Lev Nikolaevich 1828-1910 🇪🇸
Tolstoj, Lev Nikolajevič, 1828-1910 🇨🇪
Tolstoj, Lev Nikolaevič, 1828-1910 🇫🇷 🇸🇪
Tolstoj, Lev N. 1828-1910 🇩🇪
Tolstoy, Leo, graf, 1828-1910 🇦🇺 🇰🇷 🇺🇸

BEYOND THE RECORD: METADATA FOR PEOPLE



Photo: Kenzaburo Oe
By: Amao
Wikimedia Commons

Search

Select Field:

All Fields



Select Index:

All VIAF



Search Terms:

Search

Selected Covers



Ōe, Kenzaburō, 1935-



Ōe, Kenzaburō









大江, 健三郎 1935-

1935 -أوي, كينزابورو,

1935 -אואה, קנזבורו,

VIAF ID:97169275

☰ Preferred Forms


-  [100 ㊦a Ōe, Kenzaburō, ㊦d 1935-](#) 
-  [200 ㊦a Ōe, ㊦b Kenzaburo, ㊦f 1935-](#) 
-  [100 ㊦a Ōe, Kenzaburō](#) 
-  [100 ㊦a أوئ كٚزابورو, ㊦d 1935-](#) 
-  [100 ㊦a Ōe, Kenzaburō, ㊦d 1935-](#) 
-  [100 ㊦a 꺑꺑꺑꺑, 꺑꺑꺑꺑 ㊦d 1935-](#) 
-  [100 ㊦a Ōe, Kenzaburō ㊦d \(1935-\).](#) 
-  [100 ㊦a Ōe, Kenzaburō, ㊦d 1935-](#) 
-  [100 ㊦a Óe, Kenzaburó, ㊦d 1935-](#) 
-  [100 ㊦a Ōe, Kenzaburō, ㊦d 1935-](#) 
-  [100 ㊦a Oe, Kenzaburo ㊦d 1935-](#) 
-  [100 ㊦a Ōe, Kenzaburō ㊦d 1935-](#) 
-  [100 ㊦a 大江, 健三郎 ㊦d 1935-](#) 
-  [200 ㊦a Ōe ㊦b Kenzaburō ㊦f 1935-.....](#) 



NII (Japan)
NII DA00309723

WorldCat Identities

Home | Search | Create lists, bibliographies and reviews: [Sign in](#) or [create a free account](#)



[Advanced Search](#) [Find a Library](#)


[Jump To:](#) Overview | [Publication Timeline](#) | [Works About](#) | [Works By](#) | [Audience Level](#) | [Related Names](#) | [Useful Links](#) | [Fast Headings](#)

Ōe, Kenzaburō 1935-

Overview


Works:	661 works in 1,021 publications in 26 languages and 23,841 library holdings
Genres:	Domestic fiction Adventure fiction Suspense fiction Mystery fiction Bildungsromans Japanese essays Biographical fiction
Subject Headings:	Authors, Japanese--20th century
Classifications:	pl858.e14, 895.635

Publication Timeline



Key

- Publications about Kenzaburō Ōe
- Publications by Kenzaburō Ōe



Alternative Names

Oé, Kéndzaburo 1935-
Dajiang, Jianyilang 1935-
اوي، كينزابورو
大江健三郎 1935-
大江健三郎 1935-
大江健三 1935-
大江達三郎 1935-
اوي، كينزابورو
大江健三郎
大江達三郎

Most widely held works about Kenzaburō Ōe

- **The music of light : the extraordinary story of Hikari and Kenzaburo Oe** by Lindsley Cameron ([Book](#))
- **Escape from the wasteland : romanticism and realism in the fiction of Mishima Yukio and Oe Kenzaburo** by Susan Jolliffe Napier ([Book](#))
- **Faulkner and Oe : the self-critical imagination** by Akio Kimura ([Book](#))
- **自分の木*の下で** by 大江健三郎 ([Book](#))
- **私という小説家の作り方** by 大江健三郎 ([Book](#))

----- more ▾ -----

Most widely held works by Kenzaburō Ōe

A personal matter by Kenzaburō Ōe ([Book](#))

53 editions published between 1964 and 2005 in 13 languages and held by 1,328 libraries worldwide

The silent cry by Kenzaburō Ōe ([Book](#))

45 editions published between 1960 and 2007 in 16 languages and held by 1,279 libraries worldwide
Spanish translation of "Ma'nen gannen no futtobōru" by the contemporary Japanese novelist.

Nip the buds, shoot the kids by Kenzaburō Ōe ([Book](#))

14 editions published between 1965 and 2008 in 6 languages and held by 1,224 libraries worldwide

In Japan during World War II a group of boys who are evacuated to the country take over a village when the inhabitants flee a plague. The novel describes the way the boys administer the village--breaking into homes for food, burying the dead, caring for the sick--and what happens when the villagers return. By the author of The Silent Cry.

An echo of heaven by Kenzaburō Ōe ([Book](#))

12 editions published between 1989 and 2006 in 4 languages and held by 1,091 libraries worldwide

Rouse up o young men of the new age by Kenzaburō Ōe ([Book](#))

11 editions published between 1983 and 2007 in English and Japanese and held by 1,010 libraries worldwide

大江, 健三郎

Languages

Japanese (623)
English (148)
Chinese (64)
German (60)
Undetermined (34)
Korean (33)
French (28)
Spanish (19)
Swedish (13)
Russian (10)
Italian (8)
Polish (5)
Arabic (4)
Dutch (4)
Danish (4)
Portuguese (3)
Persian (3)
Greek, Modern [1453-] (3)
Czech (2)
Turkish (2)
Finnish (2)
Tagalog (1)
Vietnamese (1)
Hebrew (1)
Malay (1)

more ▾

Covers

Associated Subjects

Atomic bomb--Physiological effect Atomic bomb victims Authors, German **Authors,**
Japanese Biography Bombardment of Hiroshima-shi
(Japan : 1945) Bombardment of Nagasaki-shi (Japan : 1945) Brothers Children
with disabilities Civilization Composers **Criticism, interpretation,**
etc. **Family** Fathers and sons Faulkner, William,--1897-1962 Fiction **Fiction**
Fiction--Technique **History** Humanism Influence (Literary, artistic, etc.) Interviews **Japan** **Japanese**
fiction Japanese literature **Japan--Hiroshima-shi** Japan--Nagasaki-shi Japan--
Tokyo **Juvenile delinquents** Large type books Literature **Manners and**
customs Mexico Mishima, Yukio,--1925-1970 **Ōe, Hikari,--1963-** **Ōe,**
Kenzaburō,--1935- Ōe family Parents of children with disabilities Quotations Realism Records and
correspondence Romanticism Savants (Savant syndrome) **Short stories, Japanese** Teenage
boys **Translations** War stories, Japanese **Women** World War (1939-1945)

of the New Age!



When Began Participating

Number of national libraries

1975-2006

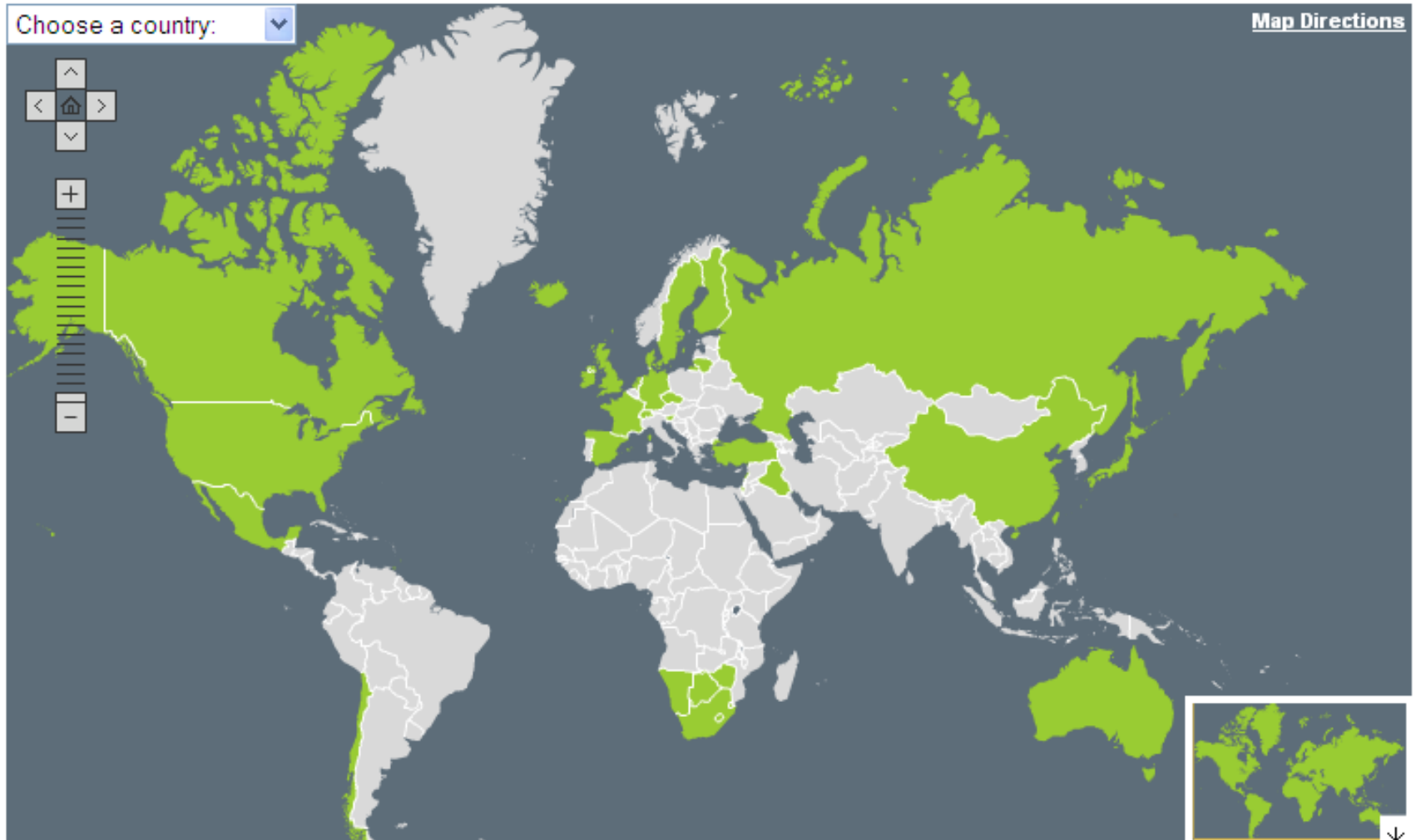
19

Since 2007

13

Map of National Libraries in WorldCat

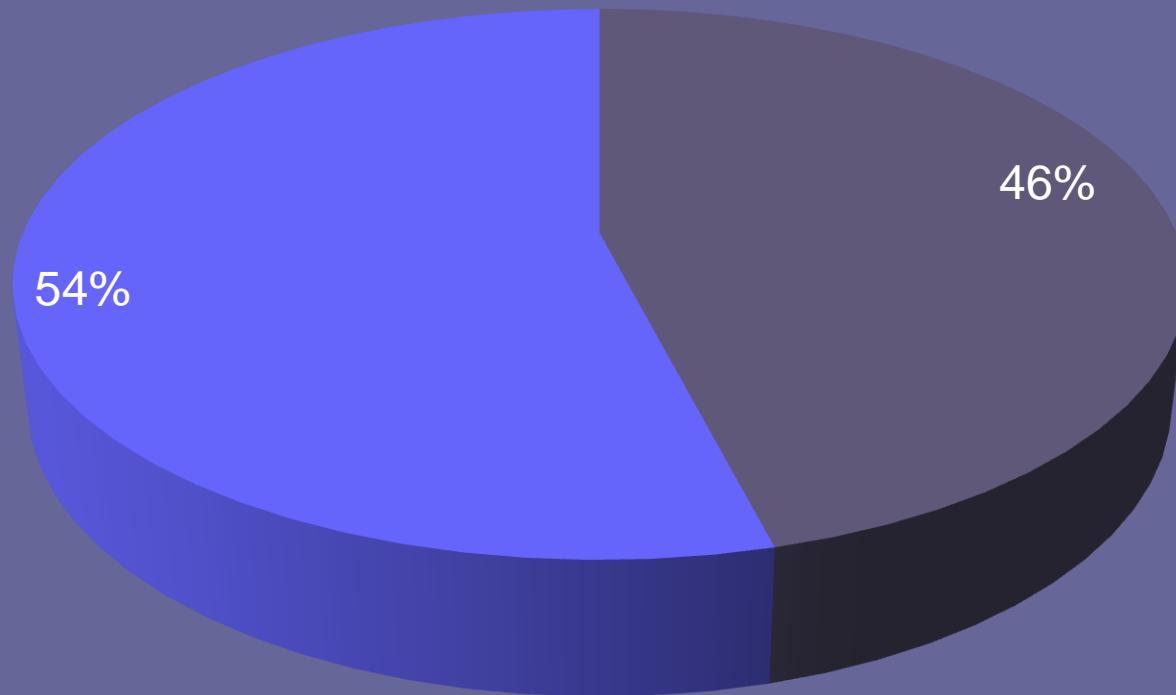
A visual application to show the national libraries that participate in the OCLC cooperative by contributing data to WorldCat.



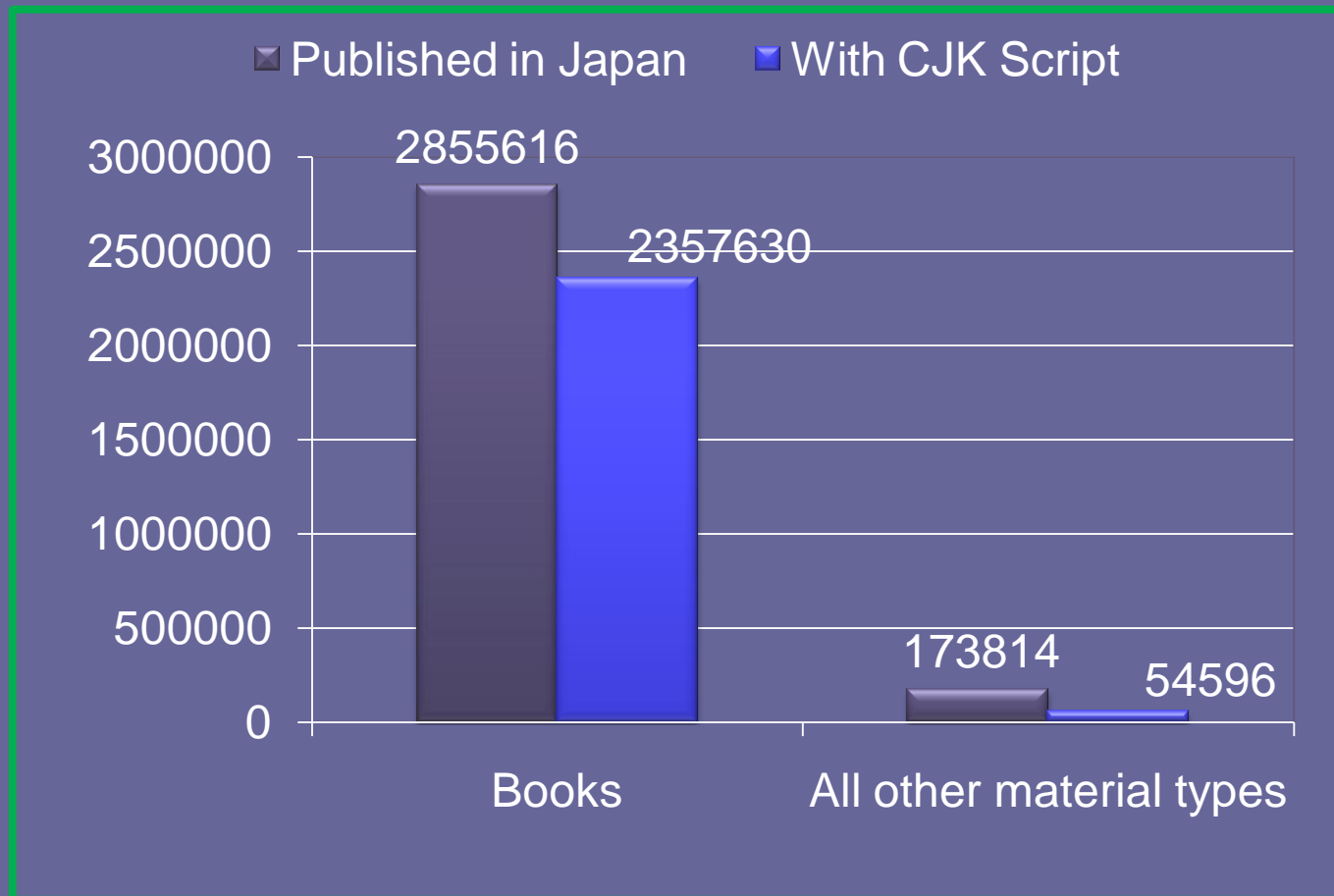
Languages of Materials Represented in the WorldCat Bibliographic Database

2009

■ English ■ Non-English



Records for resources published in Japan in the WorldCat bibliographic database as of 30 August 2010



All other material types = continuing resources, visual materials, maps, sound recordings, scores, computer files, archival materials

Loading the Records of the National Diet Library (Project in Progress)

- Number of records to load: about 4.2 million
- Forecast of those new to WorldCat: At least half
- The records new to WorldCat will be added to the over 2 million records for Japanese publications already in WorldCat
- The process: Teamwork between NDL staff and OCLC staff in the Leiden (Netherlands) and Dublin (USA) offices
 - Transliteration and normalization of the data
 - Conversion to MARC21
 - Completion of set-up and load to WorldCat

Test NDL Record in Connexion (OCLC cataloging interface)

OCLC		NEW
Save File		1
001		NEW
005		20100830163853.972
008		100830s1998 ja gr 000 0 jpn d
▶ 040		JTNDL #b jpn #c NHN #e ncr
066		#c \$1
▶ 084		D4 #a DH468 #2 NDLC
▶ 084		673.7 #2 njb/9
090		#b
049		OCLC
▶ 245	0 0	全国優良宗教用品会社情報.
▶ 245	0 0	Zenkoku yūryō shūkyō yōhin kaisya jōhō.
▶ 260		東京 : #b 鎌倉新書, #c 1998.
▶ 260		Tōkyō : #b Kamakura Shinsho, #c 1998.
▶ 300		1007 頁 ; #c 27 cm.
▶ 650	7	仏壇 #x 名簿 #2 ndllsh
▶ 650	7	Butsudan #x Meibo #2 ndllsh
▶ 650	7	仏具 #x 名簿 #2 ndllsh
▶ 650	7	Butsugu #x Meibo #2 ndllsh
▶ 650	7	小売商 #x 日本 #x 名簿 #2 ndllsh
▶ 650	7	Kourishō #x Nihon #x Meibo #2 ndllsh
▶ 886	2	#2 jpnmarc #a 801 #b 0 #a JP #b National Diet Library, JAPAN #c 20090202 #g NCR #2 jpnmarc

Delete Holdings Export- Label- Produce- Submit- Replace- Report Error- Update Holdings- Validate-F Source-Import

現在の状況

- NDL > OCLC 送付 4,109,841レコード
- WorldCat搭載済み 3,895,410レコード
- ペンディング(調査中) 214,431レコード

- [WorldCatの例](#)

OCLC CBS

(Central Bibliographic System)

Partners and WorldCat

Support strong frameworks
for national or regional
union catalogs

Loading in WorldCat gives
broader exposure, from more
places, to citizens, students
and scholars around the world

- ABES (France)
- BSZ (Germany)
- GBV (Germany)
- GGC (Netherlands)
- Hebis (Germany)

Libraries Australia

- UnityUK

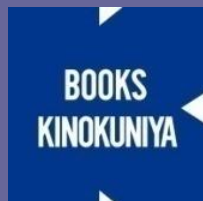
National Library of Germany

SwissBib

records are also in WorldCat

For more information

- OCLC Annual Report 2009/2010
 - <http://www.oclc.org/news/publications/annualreports/2010/2010.pdf>
- CA1721 – 動向レビュー：OCLCの最近の動向：OCLCのウェブ戦略とその展開 / 中元 誠
 - <http://current.ndl.go.jp/ca1721>
- OCLCに関する質問は：



株式会社 紀伊國屋書店

OCLCセンター