



**CHANGE
AHEAD**

X-plore, X-pand, & X-ceed with the new Library Service Platforms

Carl Grant

Associate Dean, Knowledge
Services and Chief Technology
Officer



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

November 15, 2013
Stellenbosch University
Stellenbosch, South Africa



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu



< **Great Reading Room**

New Learning Commons >



UNITED STATES

Location Map of Oklahoma



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

The Agenda

- Current challenges/trends for Libraries
- Addressing those challenges through technology
- Evaluating the new library service platforms (LSP's)
 - “Cloud Computing”
 - Analytics
 - Advantages of LSP's
 - Concerns about LSP's
- Conclusion
- Q & A

Current challenges/trends for Libraries

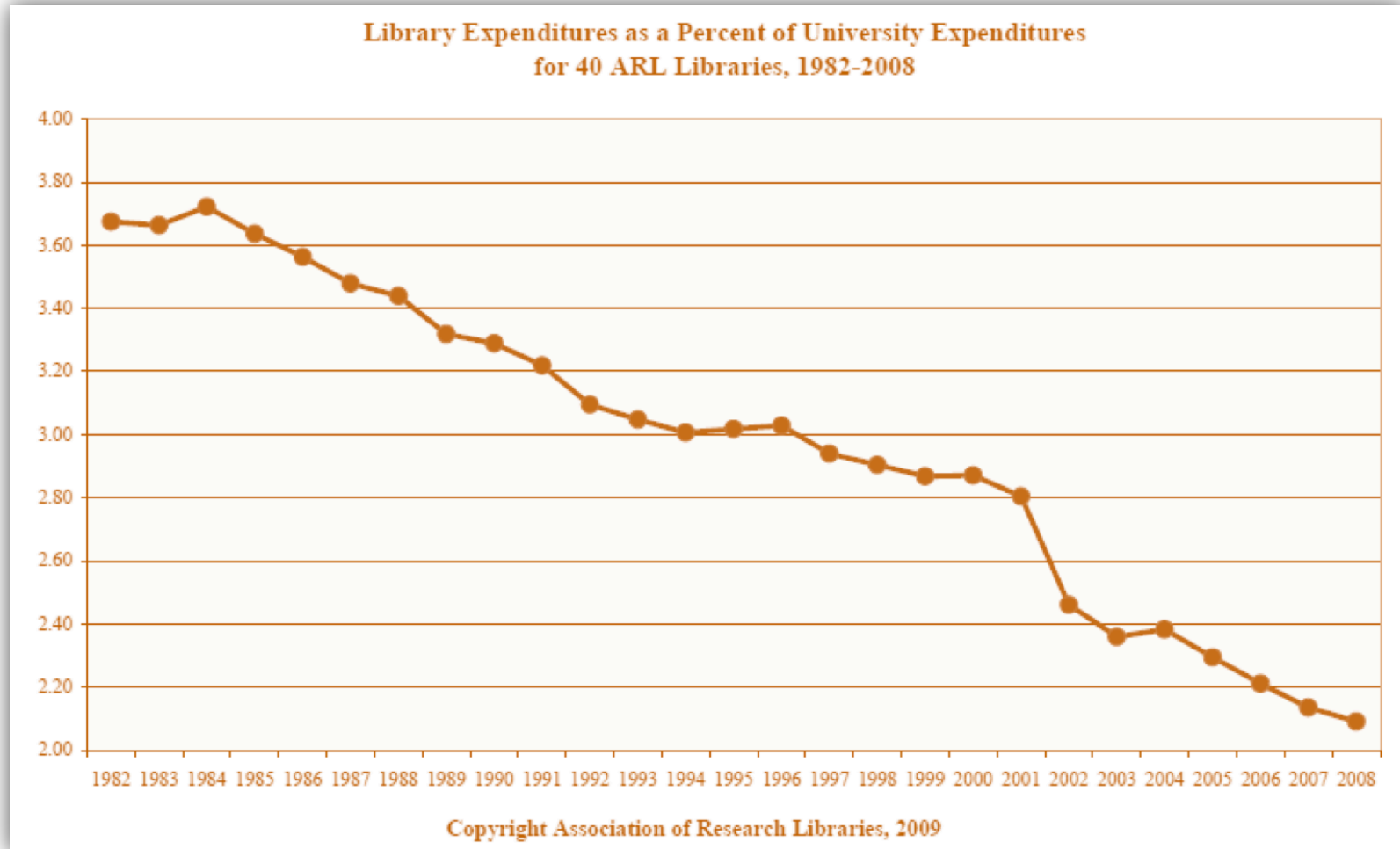
The challenges...

ELECTRONIC RESOURCES EXPENDITURES Summary Data

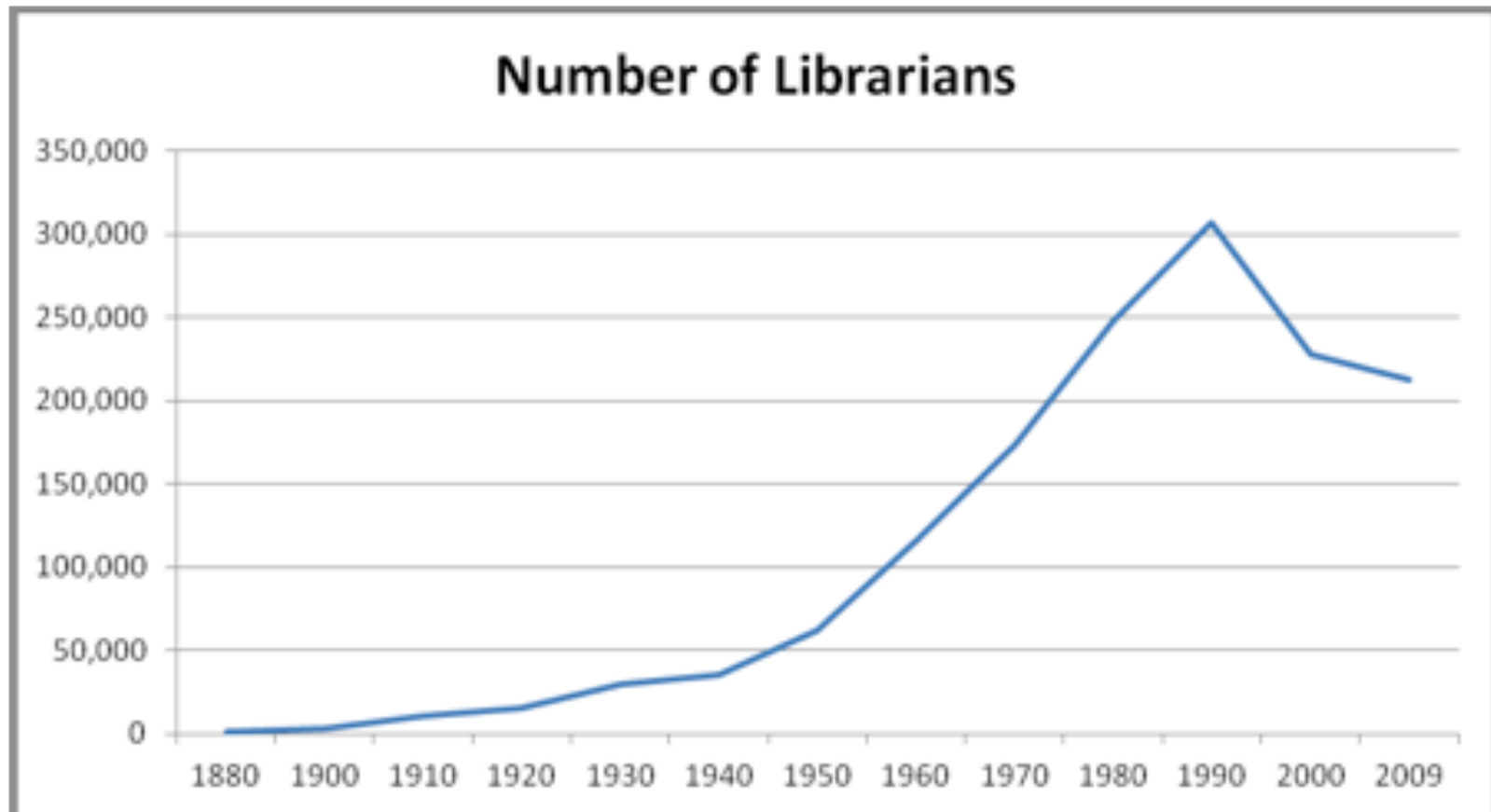
		One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
University Libraries	Mean	825,411	6,765,758	7,576,559	12,028,783	65.03
	Median	625,830	6,543,075	7,280,964	10,888,287	65.65
	High	3,405,350	11,841,363	14,154,584	31,223,654	98.61
	Low	0	1,832,719	1,832,719	3,888,007	29.67
	Totals	91,620,616	764,530,601	856,151,217	1,383,310,018	
	Number of Libraries Reporting	111	113	113	115	113

Source: ARL Statistics, Association of Research Libraries, Washington, DC

The challenges (2)...

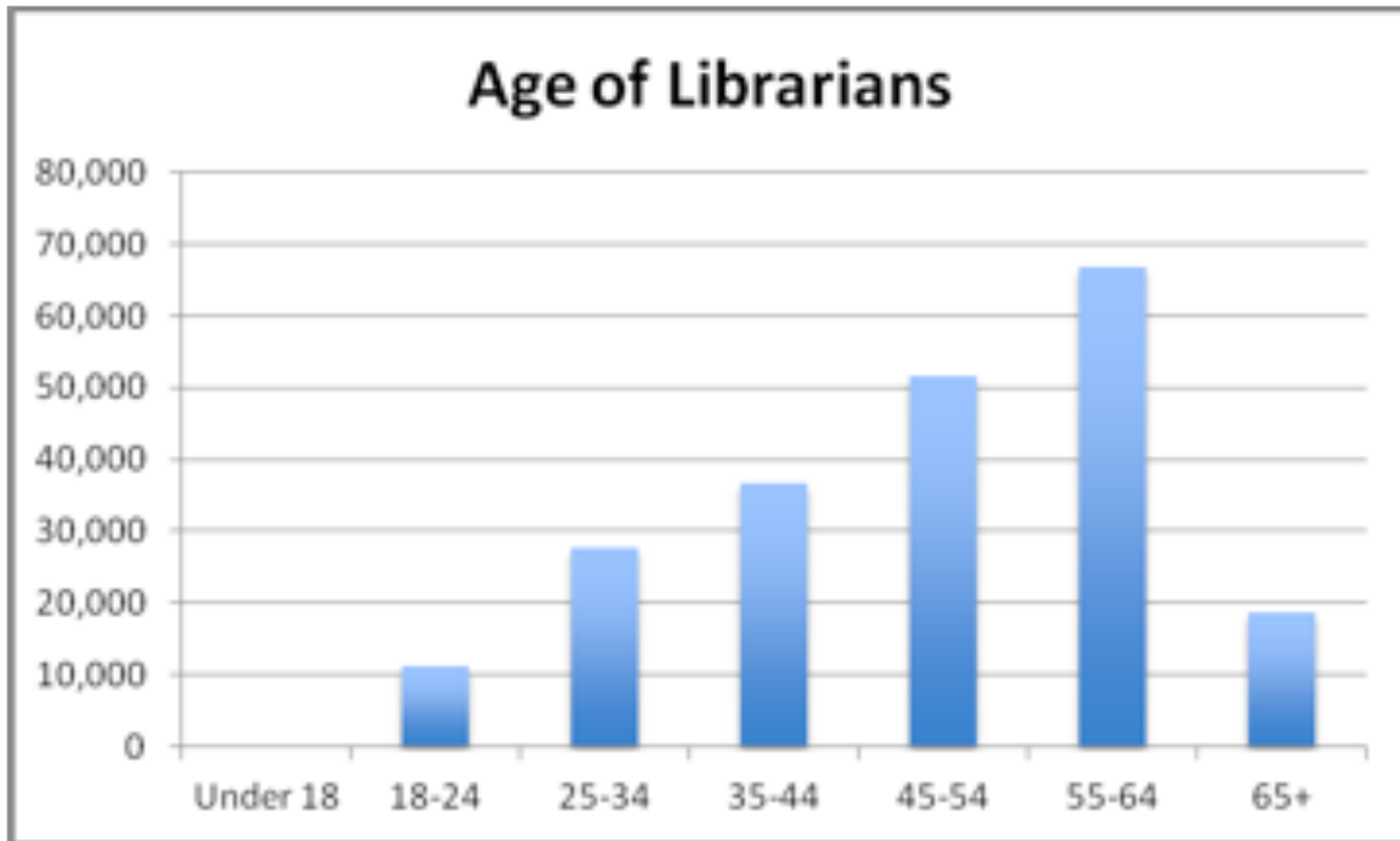


The challenges (3)...



Source: <http://blog.oup.com/2011/06/librarian-census/>

The challenges (4)...

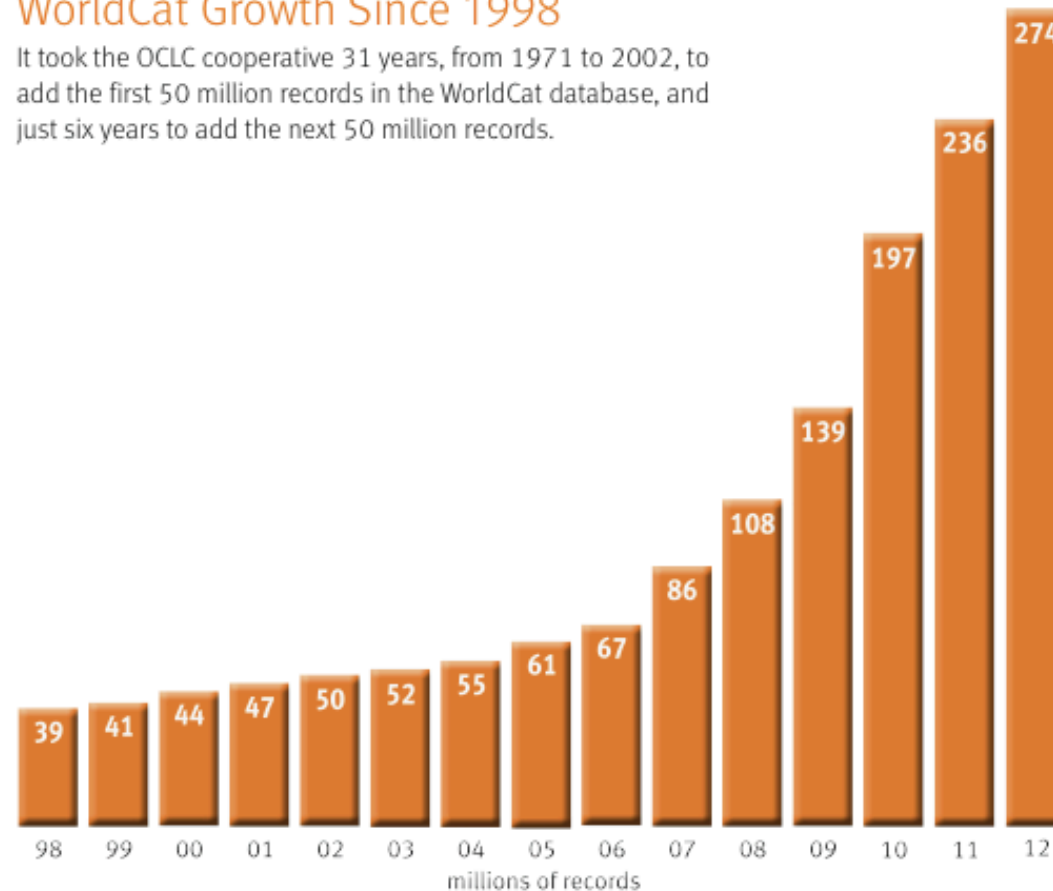


Source: <http://blog.oup.com/2011/06/librarian-census/>

The challenges (5)...

WorldCat Growth Since 1998

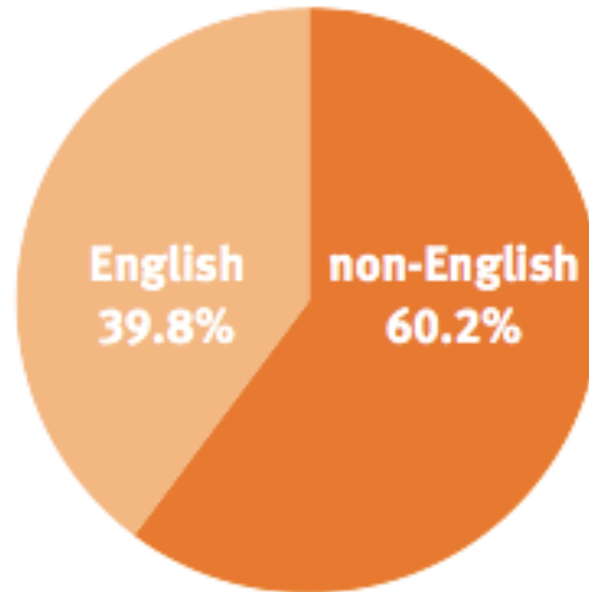
It took the OCLC cooperative 31 years, from 1971 to 2002, to add the first 50 million records in the WorldCat database, and just six years to add the next 50 million records.



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

The challenges (6)...

Multilingual
Composition
of WorldCat



273.7 million records

As of June 30, 2012

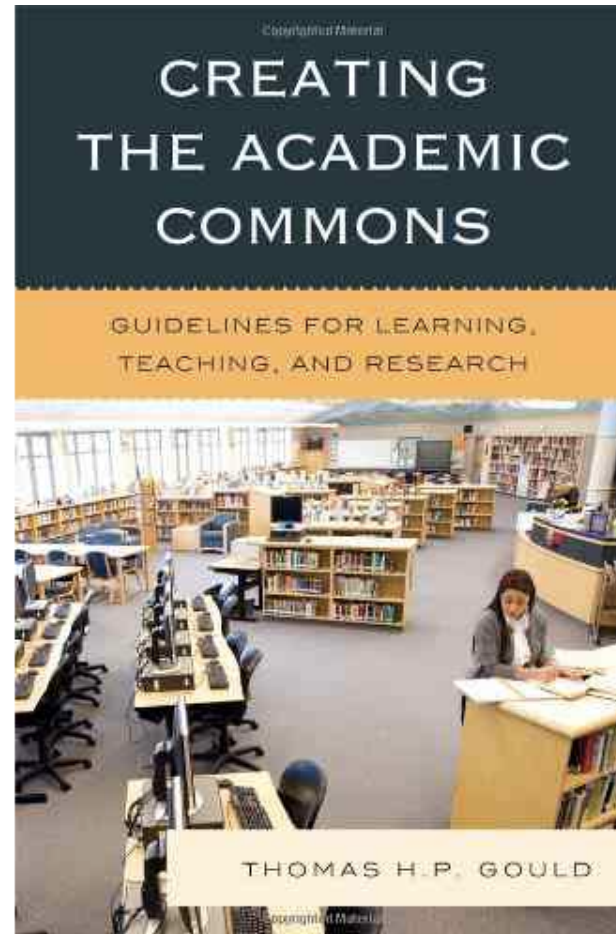


The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

The challenges (7)...

“A library in New York or in Kansas is no long the library for patrons in those geographic areas, but to all of those potential patrons residing anywhere on the **planet.**”

Creating the Academic Commons. Loc 234



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

The challenges (8)...

As librarians, we have to prepare to
massively **SCALE**



everything we do.



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

Addressing those challenges with technology

We've built a LOT of silos.



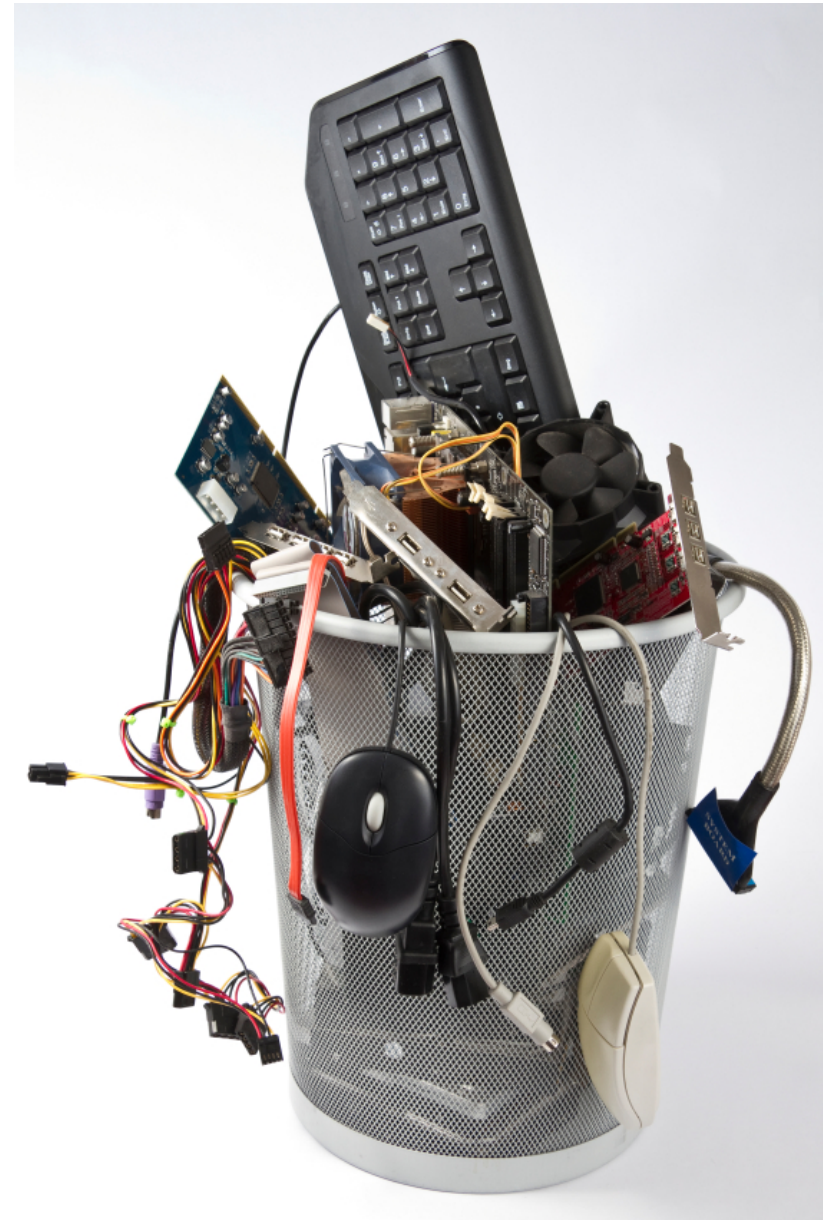
<http://www.flickr.com/photos/paulstarr/>

“We are interpreting a global world with a system built for local landscapes.”



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

ILS of the past...



Library Technology Guides

Key resources in the field of Library Automation

This graphic shows the history of mergers and acquisitions in the library automation industry. (Created by [Marshall Breeding](#))



Maintained by [Marshall Breeding](#)
Copyright 1996-2012

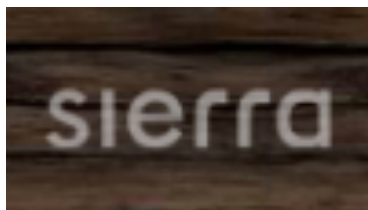
The New Library Services Platforms

3 Cloud-Computing, 1 OSS/SaaS, 3 SaaS Updates

Alma



Kuali Open Library Environment

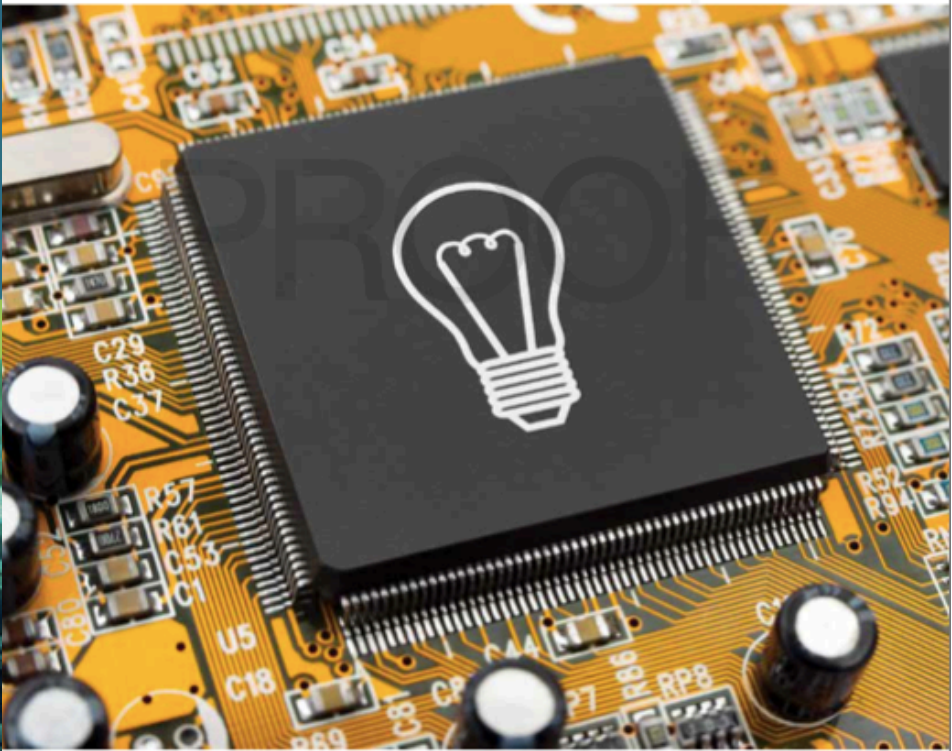


Evaluating the new Library Service Platforms (LSP's)



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

THE FUTURE OF LIBRARY SYSTEMS: LIBRARY SERVICES PLATFORMS



CARL GRANT

A publication of the National Information Standards Organization (NISO)

NISO INFORMATION STANDARDS QUARTERLY
FALL 2012 | VOL 24 | ISSUE 4 | ISSN 1041-0031

TOPIC: FUTURE OF LIBRARY SYSTEMS

- THE FUTURE OF LIBRARY SYSTEMS: LIBRARY SERVICES PLATFORMS
- ALMA AT PURDUE
- OCLC'S WORLDSHARE MANAGEMENT
- THE ORANGE COUNTY LIBRARY SYSTEM ENVIRONMENT
- KUALI OLE: A COLLABORATIVE COMMUNITY MODEL
- HARD CORE: NOT ALL USEFUL STANDARDS CATCH ON

NISO
How the information world CONNECTS

Cloud Computing



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

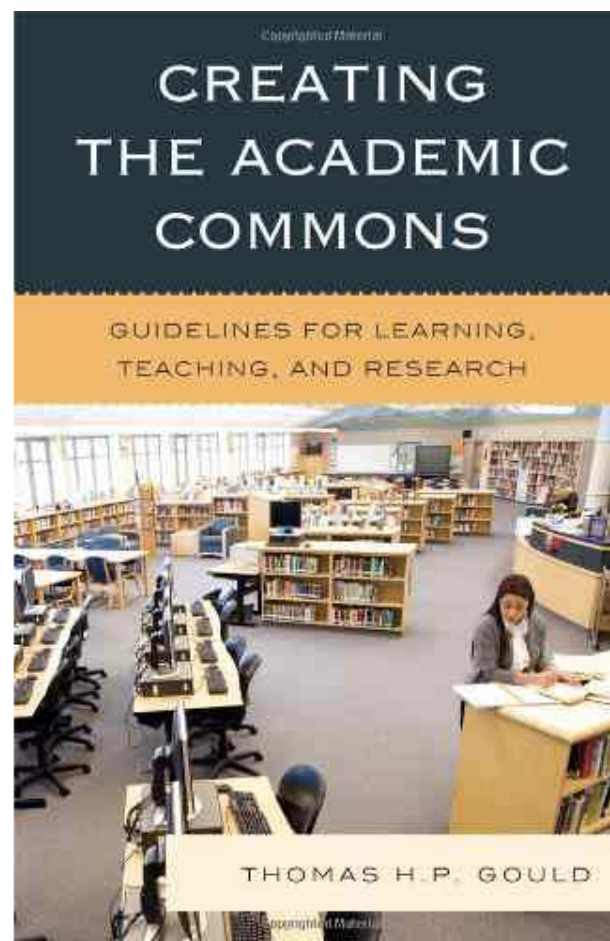


Analytics



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

“A cloud may seem to be beyond the purview, both in staff training and technical expertise – of the average library. It must not be so, however, if libraries are to remain leaders in their own field of expertise and in academic research.”



Creating the Academic Commons Loc 1908



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

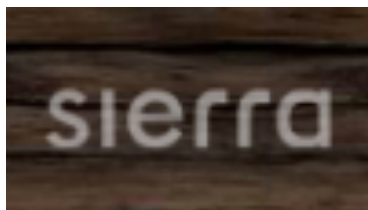
The New Library Services Platforms

3 Cloud-Computing, 1 OSS/SaaS, 3 SaaS Updates

Alma



Kuali Open Library Environment

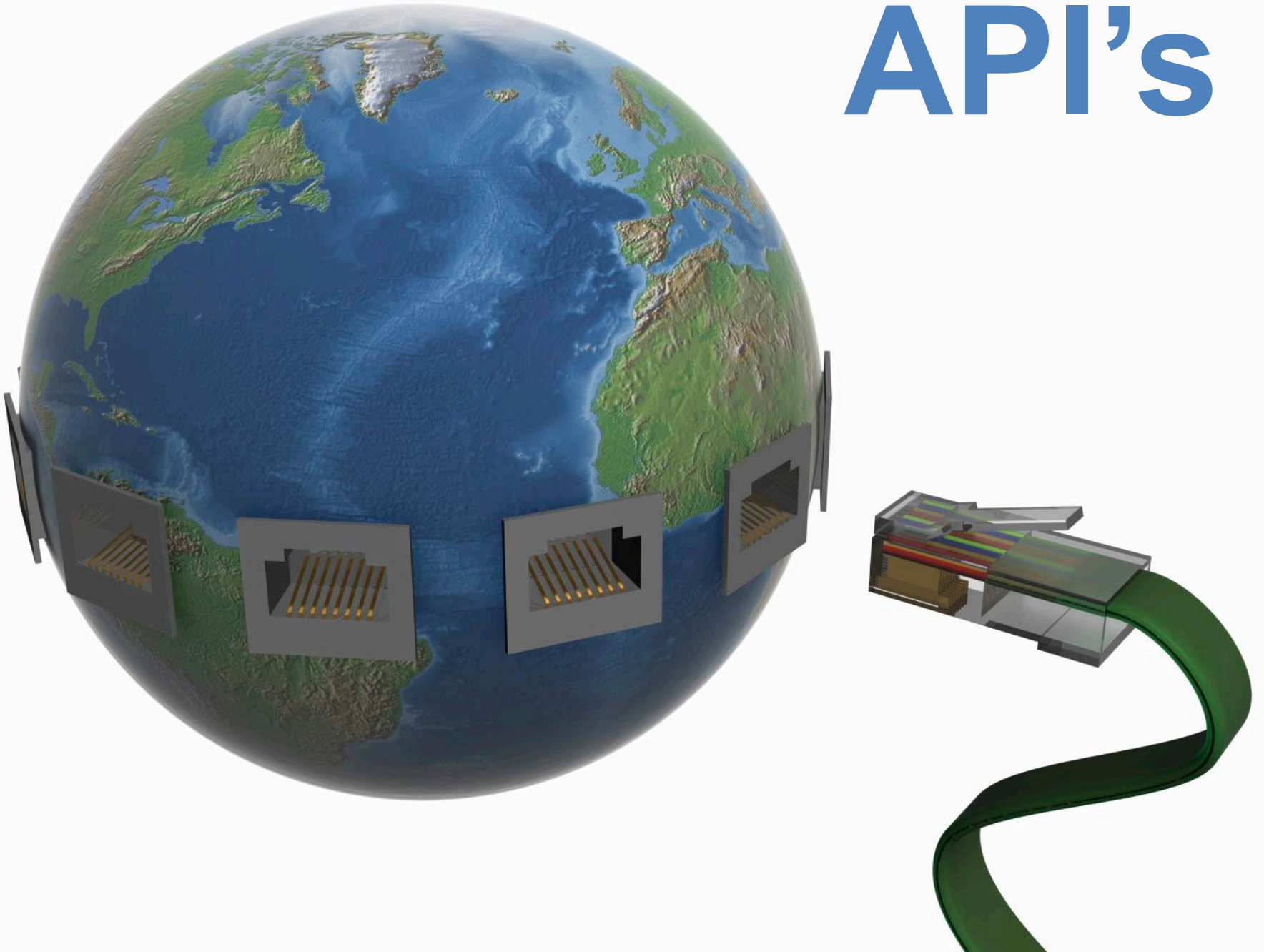


The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

LSP's
The concerns



API's



Library Data in the Cloud

- Licenses / Limitations
- Pricing
- Who “owns” the data?
- What if library data is “enhanced”? Who owns it then?
- Extracting library owned data.
- Privacy





The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

The approaching divide in the provision of library services...





Using Library Service Platforms, libraries will go from being reactive and generic service organizations to proactive and highly personalized service organizations.



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

Conclusion



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

What we covered today

- Current challenges/trends for Libraries
- Addressing those challenges with technology
- Evaluating the new library service platforms (LSP's)
 - “Cloud Computing”
 - Analytics
 - Advantages of LSP's
 - Concerns about LSP's

“Larry Page of Google:

“Are you working on something that can change the world?”

Yes or no?

The answer for 99.99999% of people is no.

I think we need to be training people on how to change the world.”



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu



The UNIVERSITY of OKLAHOMA
LIBRARIES
libraries.ou.edu

Carl Grant

Associate Dean for Knowledge Services

Chief Technology Officer

M: +1-540-449-2418

E: carl.grant@ou.edu

Twitter: http://www.twitter.com/carl_grant

Personal Blog: <http://thoughts.care-affiliates.com>