

Ex Libris Strategic Update

IGeLU 2016

Oren Beit-Arie, Chief Strategy Officer, Ex Libris

Ex Libris Strategy

**Innovate and
protect existing
customers**



**Traditional
products**

**Alma
Primo
Summon
Rosetta**

**Lead with
next gen
solutions**



**Continue with
Cloud based
Strategy**



**Cloud
based
SaaS**

**Leganto
campusM**

**Become
higher-ed
technology
provider**



Key Goals of Next-Gen Library Services Framework



**Work more
efficiently**



**Focus on areas
of value**



**Drive new
services**

Enable shifting focus to the strategic



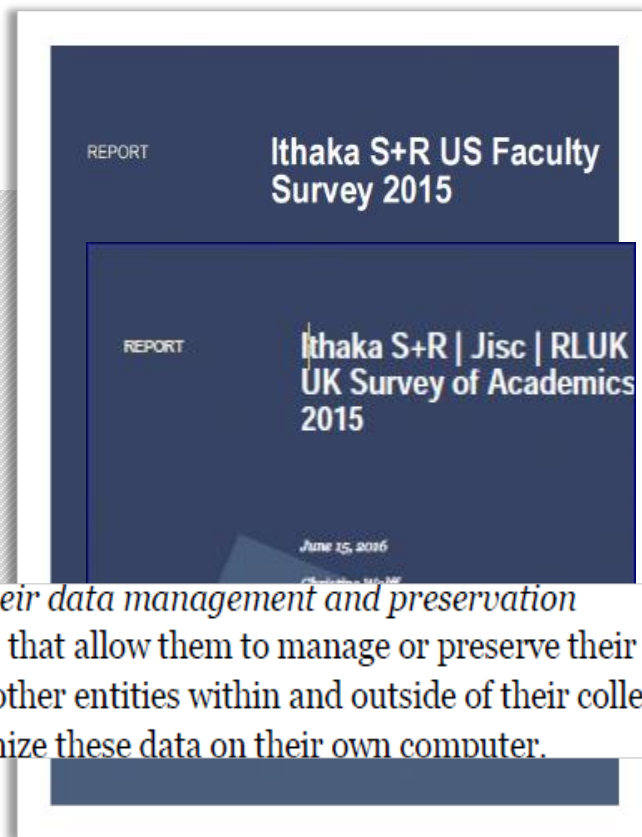
Supporting Library Goals: Key Focus Areas



Supporting Library Goals: Key Focus Areas



Several Interesting Studies in 2015



Faculty members prefer to be self-reliant in their data management and preservation processes. Faculty members tend to favor tools that allow them to manage or preserve their data on their own as opposed to support from other entities within and outside of their college or university. Nearly 00% of respondents organize these data on their own computer.

Source: <http://www.sr.ithaka.org/publications/ithaka-sr-us-faculty-survey-2015/> and <https://repository.jisc.ac.uk/6437/1/ithaka-survey-of-academics-2015.pdf>
Source: <http://www.sr.ithaka.org/publications/research-data-management>

A Threat or an Opportunity?



Figure 31: Does your college or university library, scholarly society, university press, or another service provider assist you with any of the following aspects of the publication process? *Percent of respondents who answered “yes” or “no” to each aspect.*

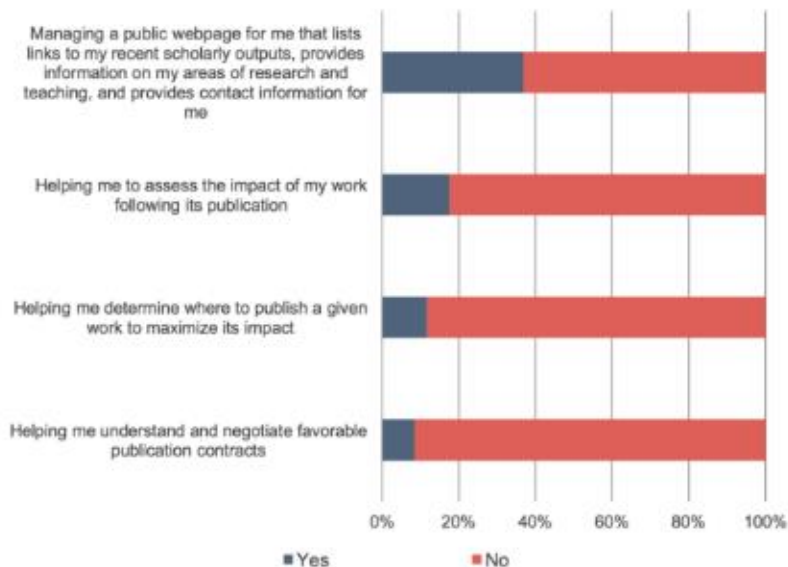
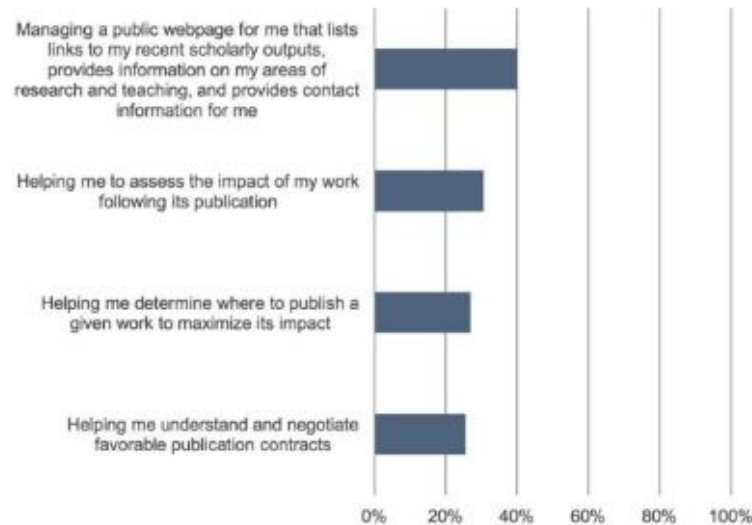


Figure 32: How valuable do you find support from your college or university library for each of the following aspects of the publication process, or how valuable would you find it if this support was offered to you? *Percent of respondents who indicated that support for each of these aspects is highly valuable.*



A very fragmented landscape

101 INNOVATIONS IN SCHOLARLY COMMUNICATION



Jeroen Bosman @jeroenbosman
Utrecht University Library

THE CHANGING RESEARCH WORKFLOW



Bianca Kramer @MsPhelps
Utrecht University Library

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Science is in transition. This poster gives an impression of the exploratory phase of a project aiming to chart innovation in scholarly information and communication flows from evolutionary and network perspectives.

We intend to address the questions of what drives innovation and how these innovations change research workflows and may contribute to more open, efficient and good science.

101 Innovative tools and sites in 6 research workflow phases (< 2000 - 2015)



Most important developments in 6 research workflow phases

| | Discovery | Analysis | Writing | Publication | Outreach | Assessment |
|---------------|--|--|--|--|---|---|
| Trends | social discovery tools | data-driven & crowdsourced science | collaborative online writing | Open Access & data publication | scholarly social media | article level (self)metrics |
| Expectations | growing importance of data discovery | more online analysis tools | more integration with publication & assessment tools | more use of "publish first, judge later" | use of altmetrics for monitoring outreach | more open and post-publication peer review |
| Uncertainties | support for full-text search and text mining | willingness to share in analysis phase | acceptance of collaborative online writing | effect of journal/publisher status | requirements of funders & institutions | who pays for costly quantitative assessment? |
| Opportunities | discovery based on aggregated OR full-text | open labnotes | semantic tagging while writing/editing | reader-side paper formatting | using repositories for institutional visibility | using authors' publication and affiliation data |
| Challenges | real semantic search (concepts & relations) | reproducibility | safety/privacy of online writing | globalization of publishing/business standards | making outreach a binary discussion | quality of measuring tools |

| | | | | | | |
|---|--|-----------------------------|---|------------------------------------|---|---|
| Most important long-term development | multidisciplinary & data-reduced disciplines | collaboration & data-driven | online writing platforms | Open Access | more & better connected researcher profiles | importance of societal relevance & non-publication verification |
| Potentially most disruptive development | interdisciplinary search & contextual/social recommendations | open science | collaborative writing & integration with publishing | documenting traditional publishers | public access to research findings, also for agents setting | moving away from single quantitative indicators |

Typical workflow examples



January 2015
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Other key findings of the report include:

- **Distribution and access** - Academics are more eager to share their research with academics outside of their discipline, undergraduates and the general public. 46% of researchers see it as important to share their findings with the general public, representing a 48% increase since 2012
- **Online repositories** - Since 2012 there has been a 53% increase in the amount of academics that preserve their research data in an online repository. 43% of researchers also said they prefer to save their materials on platforms made available by their institutions
- **Open access** - The findings show 46% more academics have received assistance from their university library or elsewhere in making a version of their research outputs freely available online



Scaleable Repositories: for publications and research data



Compliance: e.g. Research Data Management Planning (DMP)



Tracking Research activity in the institution: measurement, analysis, reporting...



Reputation management: Profiles, Impact, Alerts...



(Open Access) publishing

Critical Roles for Library Expertise

- Describe outputs: Metadata!!
→ opportunities for automation
- Identifier services
- Linking (Articles <-> Data)
- Rights management
- Versioning

...

Share &
Collaborate

...

Management, including
defining funding opportunities
structure review and data
ing
existing datasets





Help libraries take a central role in support of Institutional Research Data throughout its life cycle



- Introduces a unified approach to management of research data – for the range of research outputs (papers, data, reports,...) and phases of the research.
- Integrated with -- and built on -- main library services (e.g. Alma)
- For example: Data Management Planning; Metadata and Identifier Services for Research Data; Research outputs management, etc.



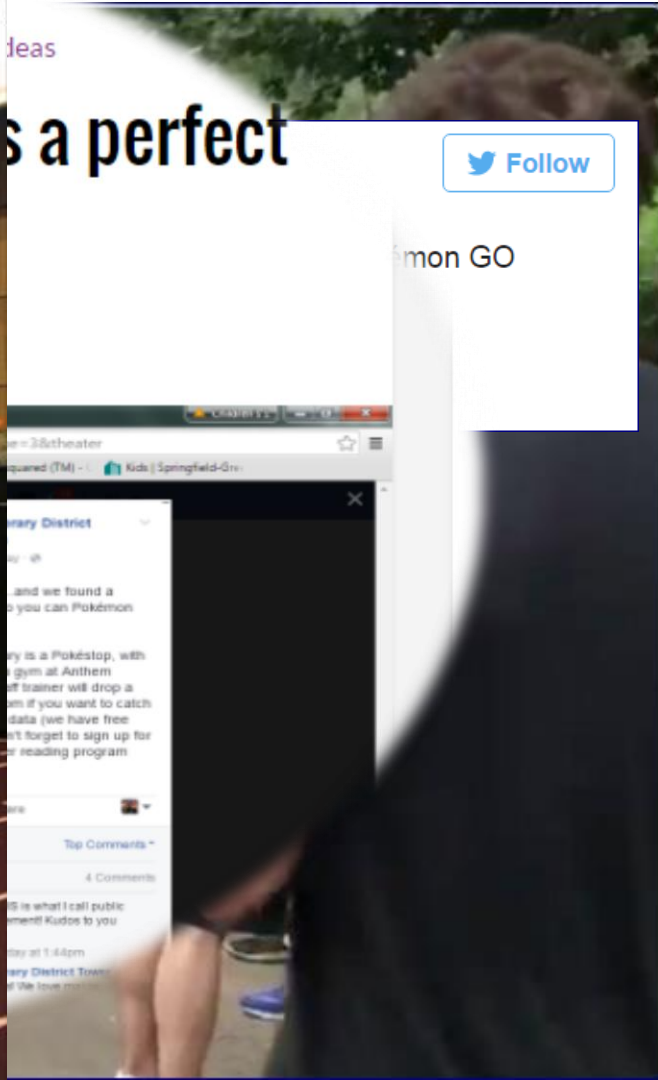
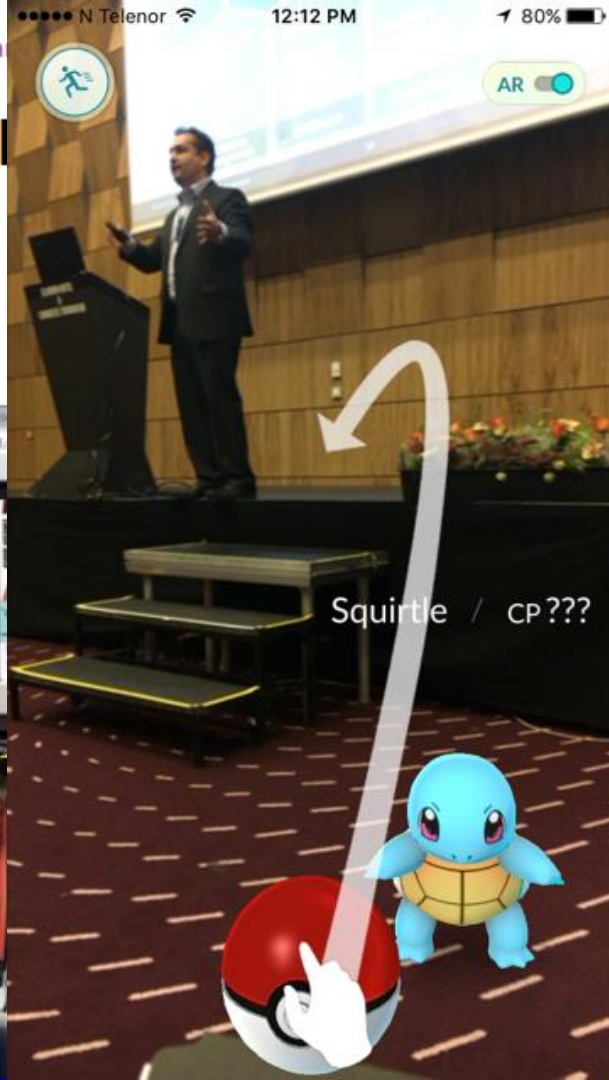
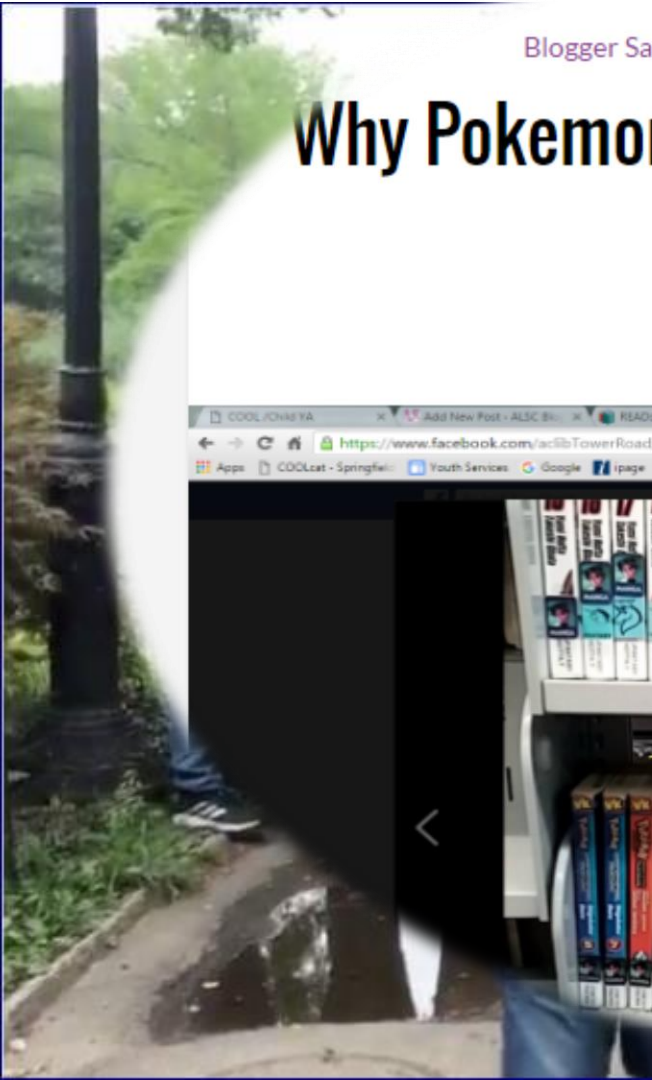
Status: Early stage of research and study

**2016
Plan:**

- Scope and define
- “Blue print”
- **Start engagement with libraries on partnerships**

Supporting Library Goals: Key Focus Areas







With libraries

- Collaboration tools (Network and Community Zone, ad-hoc collaborations...)
- Comparative/benchmark analytics



With users

- Demand driven (e.g. Selection and Acquisition)
- ...



With the web

- Linked Data



With communities

- Extensibility (developer network)
- Open source discovery (e.g. Blacklight)



Ex Libris leads and participates in multiple linked data invites, including:

Ex Libris 2016 LD Initiative (>40 customers on Basecamp)

ELUNA and IGeLU Special Interest Working Group (SIWG)



Europeana cultural portal

European Digital Library

Key objectives:

- Define main use cases for implementation
- Advise on LD features and data-services functionality
- Actively test and evaluate functionality
- Share information among key stakeholders & users
- Collaborating Vendor in LD4P / LD4L



Supporting Library Goals: Key Focus Areas



Learning Outcomes and Student Success



Image: www.emaze.com

Demonstrating Library Impact: Goals



Measure library's resources and services contribution to student learning



Demonstrate correlation between students use of library resources & services and their learning outcomes



Improve relevant metrics

“... using data and statistics to correlate library use and student learning is not easy or straight forward” *Megan Oakleaf, Syracuse University*





Privacy

- Impacts what we collect, store and use about the users
- Impacts our ability to track individual users over time



What is the right place for that?

- Need to join library data with other systems' data (Student Records, LMS/VLE, etc.)



Institutional Data warehouse?

- We have added more export capabilities.
- **Analytics SIWG - Please share your use cases!!**



Interesting projects: JISC Effective Learning Analytics

- <https://www.jisc.ac.uk/rd/projects/effective-learning-analytics>
- <http://www.slideshare.net/paul.bailey/learning-analytics-suppliers-briefingapril16>



campusM enables colleges and universities to help improve student success & engagement by providing their students with a rich and personalized mobile experience, through deep campus-wide integrations.



Supporting Library Goals: Key Focus Areas



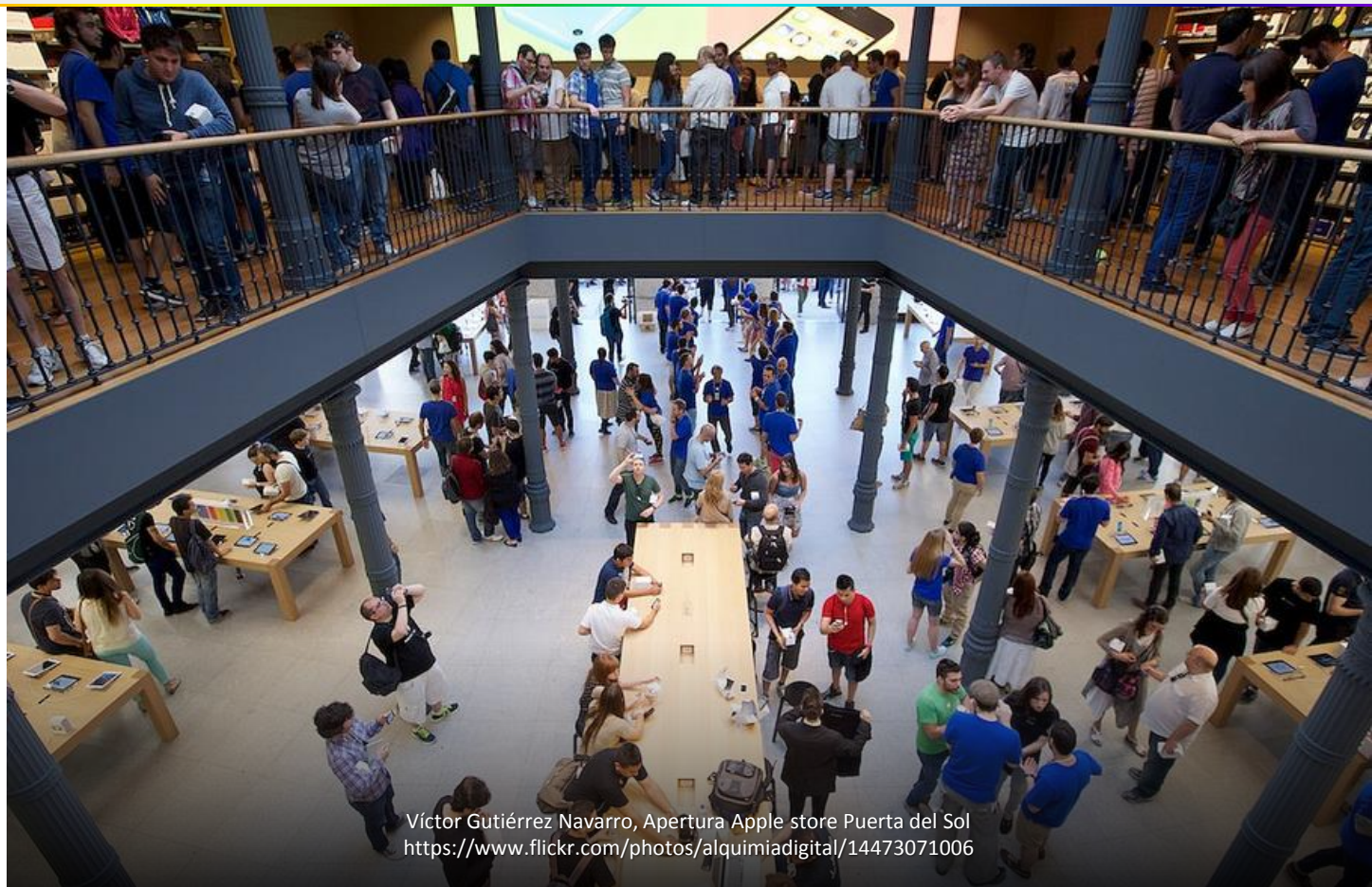
Supporting Librarians



Key aspects:

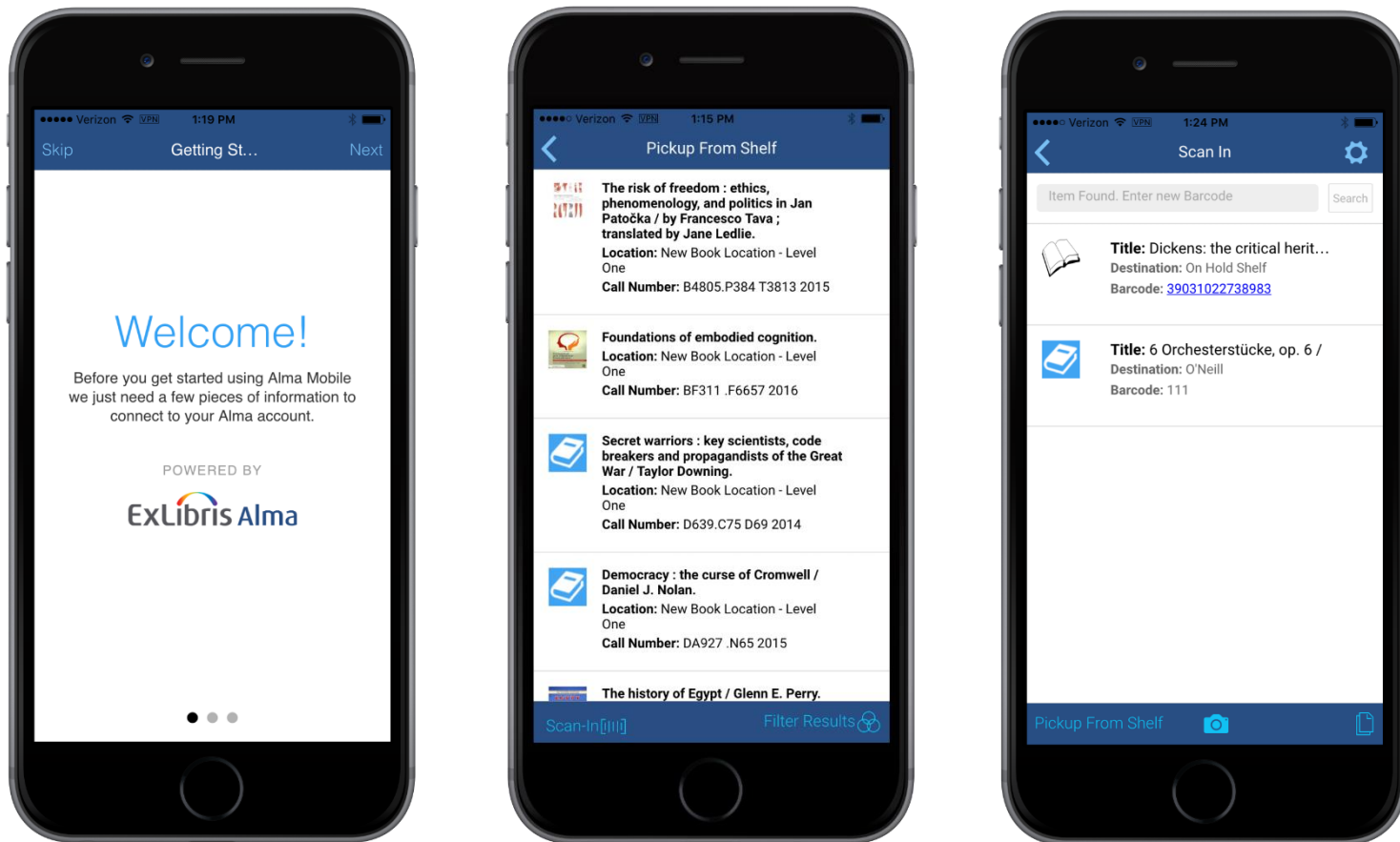
- Productivity
- Innovation

Changing the way we serve patrons?

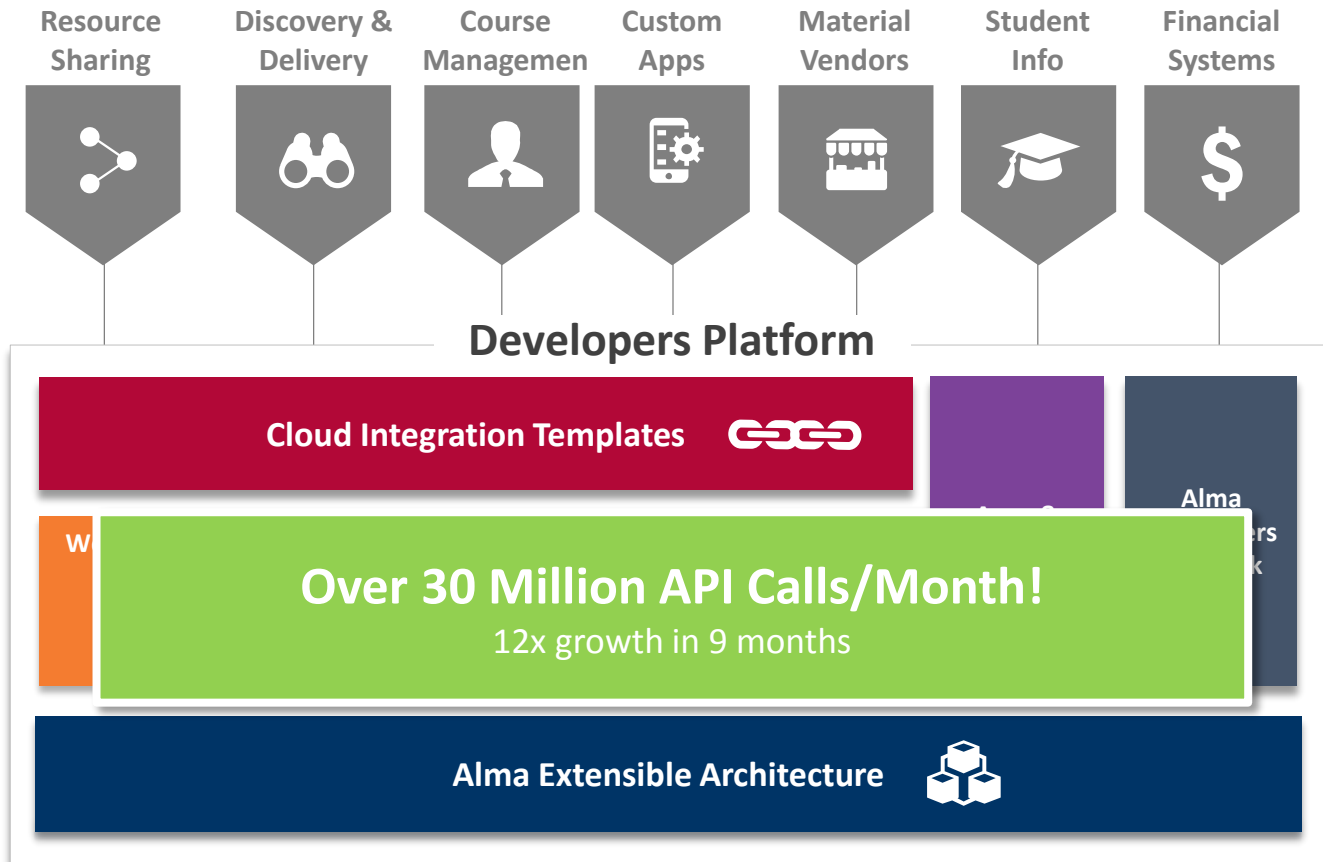


Víctor Gutiérrez Navarro, Apertura Apple store Puerta del Sol
<https://www.flickr.com/photos/alquimiadigital/14473071006>

Alma Staff Mobile App – coming soon...!



Supporting Library Innovation: Ex Libris Developers Platform

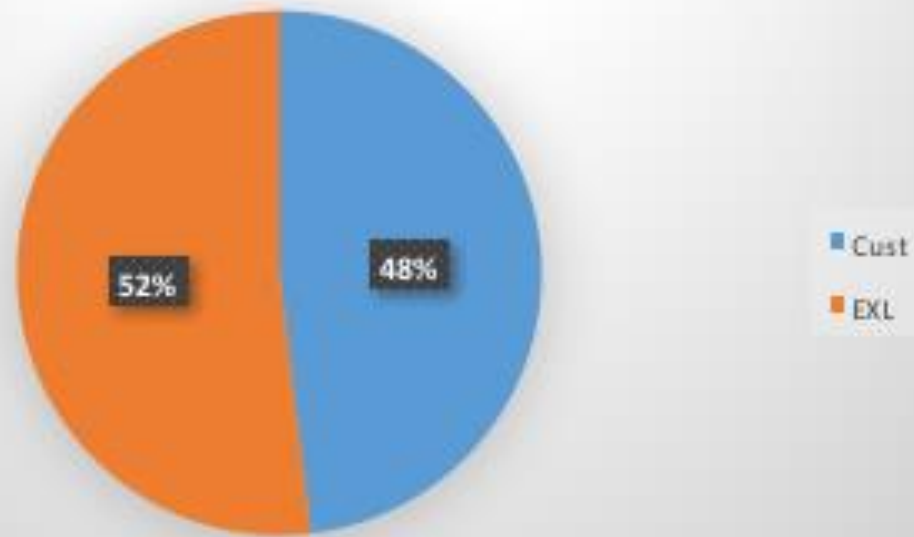


In the past month....

- >10,000 sessions
- >5,000 unique visitors
- >50,000 page views

.... And growing

Blog Contributions



From the Tech Blog

SEP Creating Dublin Core XML Files Using Excel

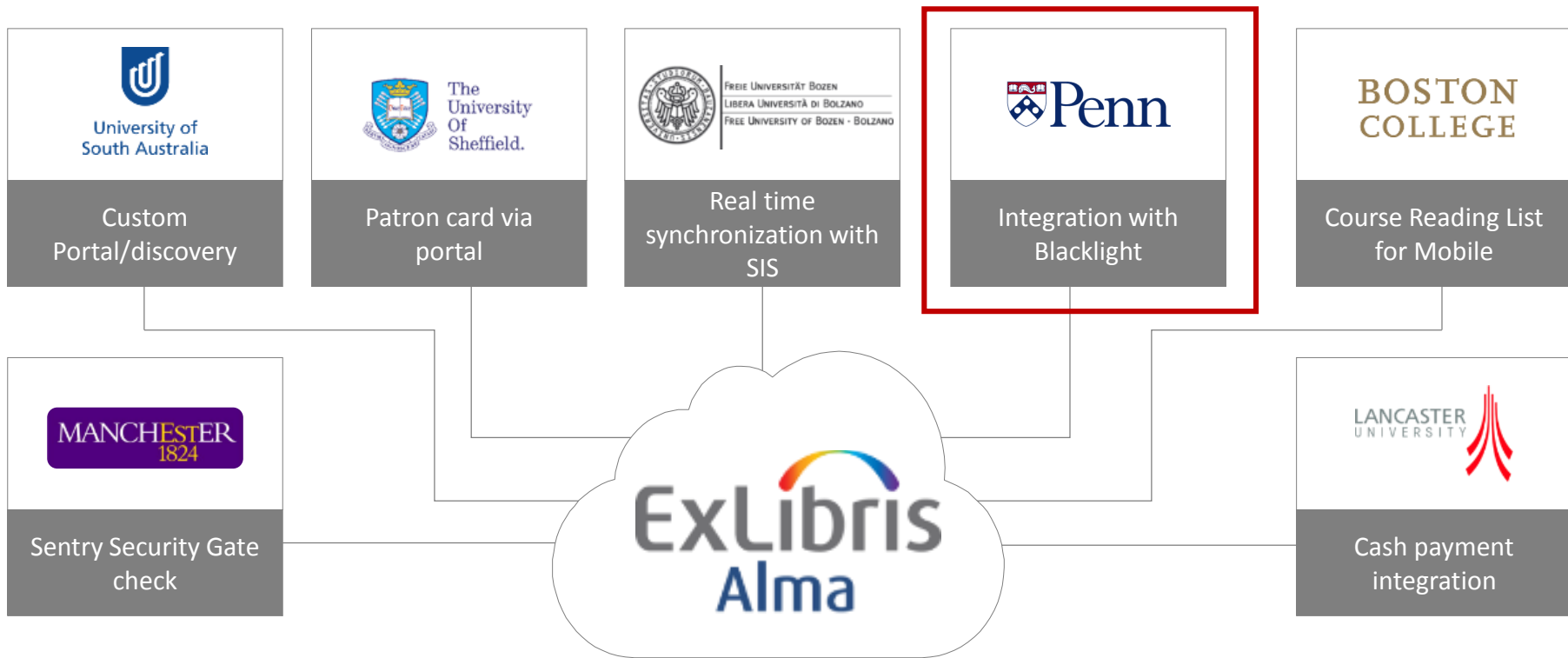
Top Code & Apps

Creating Dublin Core XML Files Using Excel

Get Help

Got Questions?

Supporting Library Innovation: Examples of APIs in Action



Open Source Discovery – Collaborative program

- New collaboration to allow easier integration of Ex Libris solutions with OS discovery layers
 - A number of libraries are already using OS layers to access information from Primo, Summon and Alma.
 - The goal: make such interoperability easier and more complete.
- Integration with Alma, Primo/Summon,
 - Also interested in Hydra, IIR viewers, etc.
- Partnering with and U Penn (Blacklight)
 - Also working with UW-Madison (Homegrown)
- Built on existing and new Interfaces
 - Eg New Summon API to create facets by database and provider
- Planned workshop during DLF meeting (Milwaukee, Nov '16)

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