Building an Academic Platform for the Future (and NOW)

R. David Lankes
Professor, Syracuse University
Follett Chair, Dominican University

#LibFuture

Caveats

- Future of Academic Libraries Multifaceted
  - Community Creation
  - Founded on Learning
  - Student Experience
  - Special Collections
  - Linked to the Future of Higher Education
- My Focus Today: Faculty

Redefining the Business

- Administrations Often Schizophrenic On Teaching and Research

- Purpose of Library: Accelerating the Scholarly Conversation

Perhaps it is an overstatement to say that academic librarians are drifting in a vast sea of information and technological advances, searching for an appropriate course of action. Nevertheless, we appear to have lost the stabilizing rudder of confidence in who we are and what we are to do.

Joan Bechtel, 1986

Over 62% of all departments report that publication has increased in importance in tenure decisions over the last ten years. The percentage of departments ranking scholarship of primary importance (over teaching) has more than doubled since the last comparable survey, conducted by Thomas Wilcox in 1968: from 35.4% to 75.7%

As suggested by the main title of a recently published article, "Publish or Perish" (Bunz, 2005), publication expectations are a significant part of the promotion and tenure process for faculty members. Once the exclusive purview of doctoral granting universities, research expectations, including publishing in academic journals, are now common for a range of other colleges and universities.

Redefining the Business

- Administrations Often Schizophrenic On Teaching and Research

- Accelerating the Scholarly Conversation

- Research/Teaching/Service as Aspects of the Same Thing

- Re-Combining These Means Rethinking the Platform for These Things

Library as Platform

- Set of Functions, Services, and Data to Enable Community Learning

- David Weinberger Library Journal

- Digital Public Library of America

Catalog
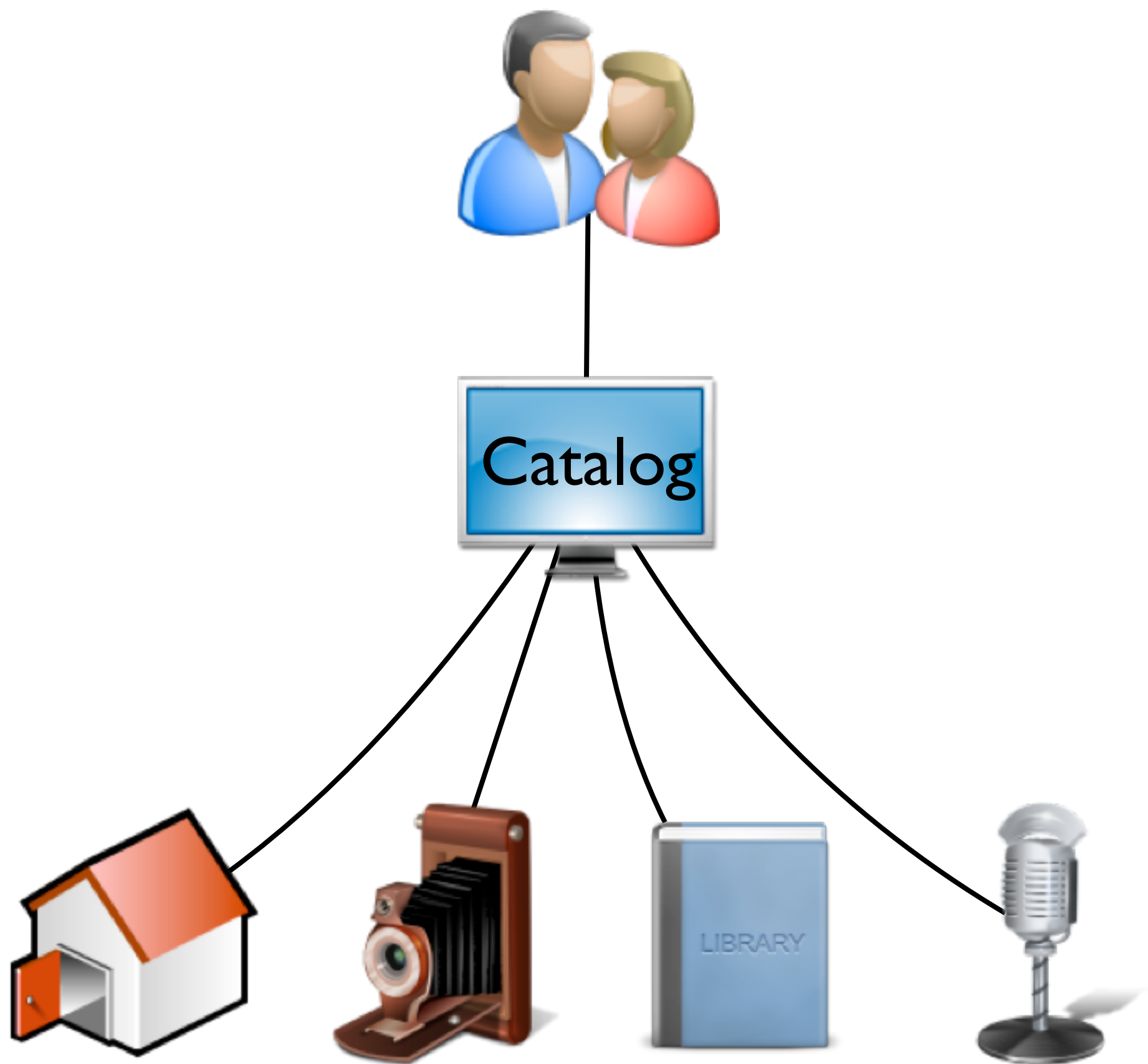
University Calendar

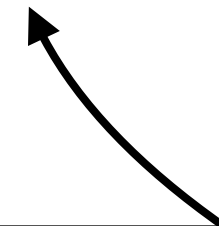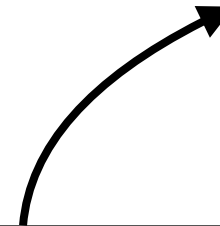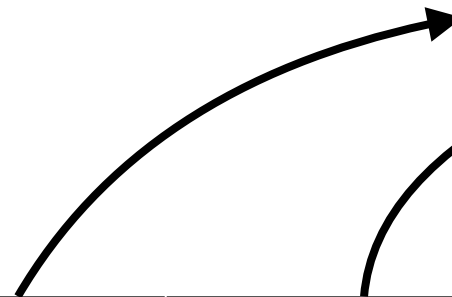Faculty Web Presence
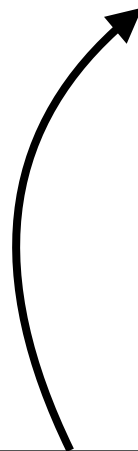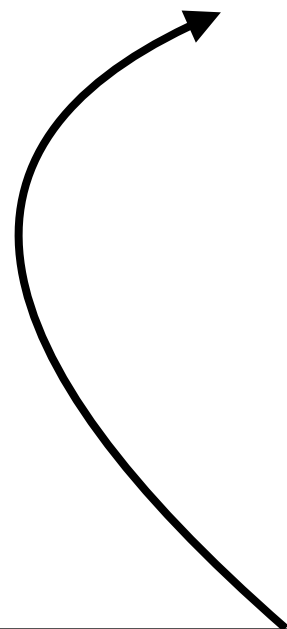
Discovery

Course

| Events | Profiles | Content | Bib Data | Links |

Library As Platform

Open Courses

Academic LMS

Course

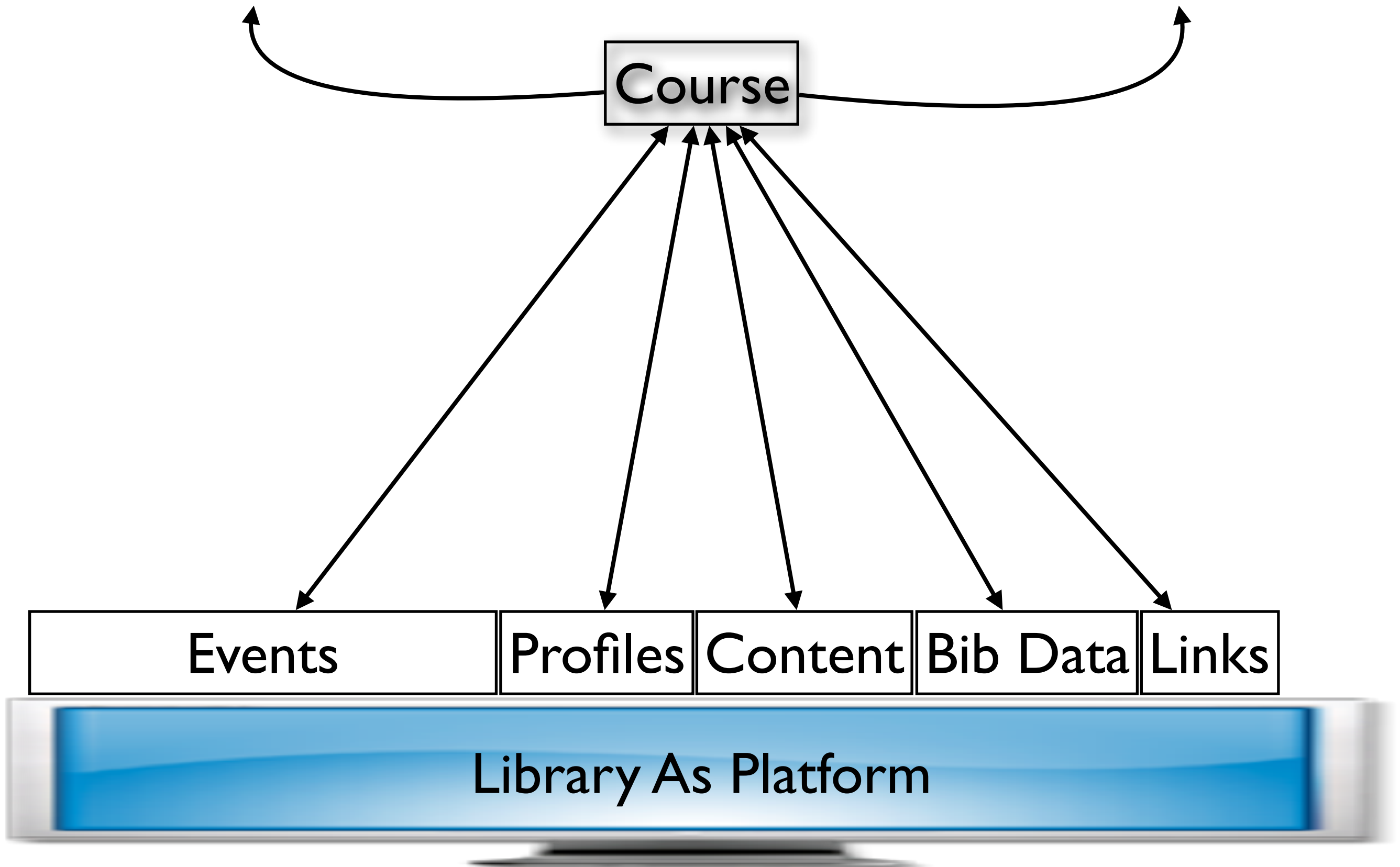Events Profiles Content Bib Data Links

Library As Platform

University as Platform

Knowledge Infrastructure (Library)

Space   Fiscal Agent   Brand   Colleagues

Advantages of Platform

- Focus on Integration and Interoperability

- Focus on Light Weight Services That Can Be Combined

- Tend Towards Open
  - Allowing Unanticipated Connections and Combinations

Examples of Platform Thinking

- Holds
  - Faculty Authored Pieces & Syllabi into Classes into Analytics Into Collaborations

- Data Repositories
  - Foster Scholarly Collaboration and Regulatory Compliance

- Faculty Profiles
  - Up to Date Record of Scholarly Output To Tenure and University Communications

Penguin Random House

createspace

an Amazon company

Publisher v Platform

- Disaggregation of Services

    - Editing, Design, Dissemination/Marketing, Production

- **Selectivity/Curation**

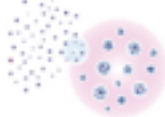- Think About This in Relation to Institutional Repositories

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Department of Art History

Recent Submissions

Toward a New Theory of Waste: from "Matter Out of Place" to Signs of Life

Reno, Joshua (Theory, Culture & Society, 2014-09-23)
This paper offers a counterpoint to the prevailing account of waste in the human sciences. This account identifies waste, firstly, as the anomalous product of arbitrary social categorizations, or 'matter out of place', ...

Technically Speaking: On Equipping and Evaluating "Unnatural" Language Learners

Reno, Joshua (American Anthropologist, 2012-09)
This article compares different communicative trials for apes in captivity and children with autism in order to investigate how ideological assumptions about linguistic agency and impairment are constructed and challenged ...

Beyond risk: Emplacement and the production of environmental evidence

Reno, Joshua (American Ethnologist, 2011-08)
I offer a counterpoint to the prevailing risk literature that focuses not on (mis)perceptions of danger but on the production and circulation of different forms of evidence and the environmental claims they promote. Rather ...

MOTIVATED MARKETS: Instruments and Ideologies of Clean Energy in the United Kingdom

Reno, Joshua (Cultural Anthropology, 2011-08)
This article examines efforts to reconcile capitalist and ecological values, focusing in particular on the instruments and ideologies that pervade the United Kingdom's developing renewable energy sector. In keeping with ...

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January 25, 2016
Slow Diversification of Mesozoic Tetrapods
A large-scale examination of the fossil record by Roger Benson, Graeme Lloyd and colleagues reveals slow diversification rates in tetrapods across 190 million years, followed by an abrupt 4-fold increase in species richness after the end-Cretaceous mass extinction event.

Image credit: Leandra Walters, 10.1371/journal.pone.0144038.g005

Meta-Research: Read about *PLOS Biology*'s new initiative on Biologue   Biologue

RESEARCH ARTICLE AND SYNOPSIS   01/26/2016
Good Amyloid, Bad Amyloid— What's the Difference?
Although amyloids are usually associated with abnormality and disease, some are functional. Rubén Hervás, Liying Li, Kausik Si, Mariano Carrión-Vázquez and co-authors show that in the case of the functional amyloid Orb2, needed for memory consolidation in flies, key features of the kinetics of amyloid formation may underlie this crucial difference. Read the Synopsis.
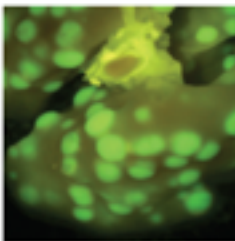
Image credit: Mark Miller

RECENTLY PUBLISHED ARTICLES

Molecular Basis of Orb2 Amyloidogenesis and Blockade of Memory Consolidation

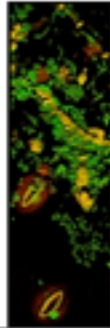Near-Stasis in the Long-Term Diversification of Mesozoic Tetrapods

Microbial Hub Taxa Link Host and Abiotic Factors to Plant Microbiome Variation

SEE ALL ARTICLES ➔

CURRENT ISSUE
December 2015

RESEARCH ARTICLE   01/20/2016
Leaf City: Microbial Hub Taxa in the Phyllosphere
A study by Matthew Agler, Eric Kemen and colleagues reveals that microbial interactions between kingdoms are responsible for significant microbiome variation on the surface of plants. Highly connected microbes are most important, amplifying abiotic and host factors to cause large perturbations in the structure of microbial communities.

RESEARCH ARTICLE AND SYNOPSIS   01/19/2016
Good News from Animal Selfies?
Inaugural results from a pan-tropical camera trap network, analyzed by Lydia Beaudrot, Jorge Ahumada, Sandy Andelman and co-authors, suggest that, in contrast to other reports, tropical forest protected areas maintain their biodiversity of large and medium ground-dwelling mammals and birds. Read the Synopsis and Biologue post.

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Physics (since Oct 1996)

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- **physics.atom-ph – Atomic Physics** (new, recent, current month)
- **physics.atm-clus – Atomic and Molecular Clusters** (new, recent, current month)
- **physics.bio-ph – Biological Physics** (new, recent, current month)
- **physics.chem-ph – Chemical Physics** (new, recent, current month)
- **physics.class-ph – Classical Physics** (new, recent, current month)
- **physics.comp-ph – Computational Physics** (new, recent, current month)
- **physics.data-an – Data Analysis, Statistics and Probability** (new, recent, current month)
- **physics.flu-dyn – Fluid Dynamics** (new, recent, current month)
- **physics.gen-ph – General Physics** (new, recent, current month)
- **physics.geo-ph – Geophysics** (new, recent, current month)
- **physics.hist-ph – History and Philosophy of Physics** (new, recent, current month)
- **physics.ins-det – Instrumentation and Detectors** (new, recent, current month)
- **physics.med-ph – Medical Physics** (new, recent, current month)
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- **physics.ed-ph – Physics Education** (new, recent, current month)
- **physics.soc-ph – Physics and Society** (new, recent, current month)
- **physics.plasm-ph – Plasma Physics** (new, recent, current month)
- **physics.pop-ph – Popular Physics** (new, recent, current month)
- **physics.space-ph – Space Physics** (new, recent, current month)

Links to: arXiv, form interface, find, physics, 1601, contact, help (Access key information)

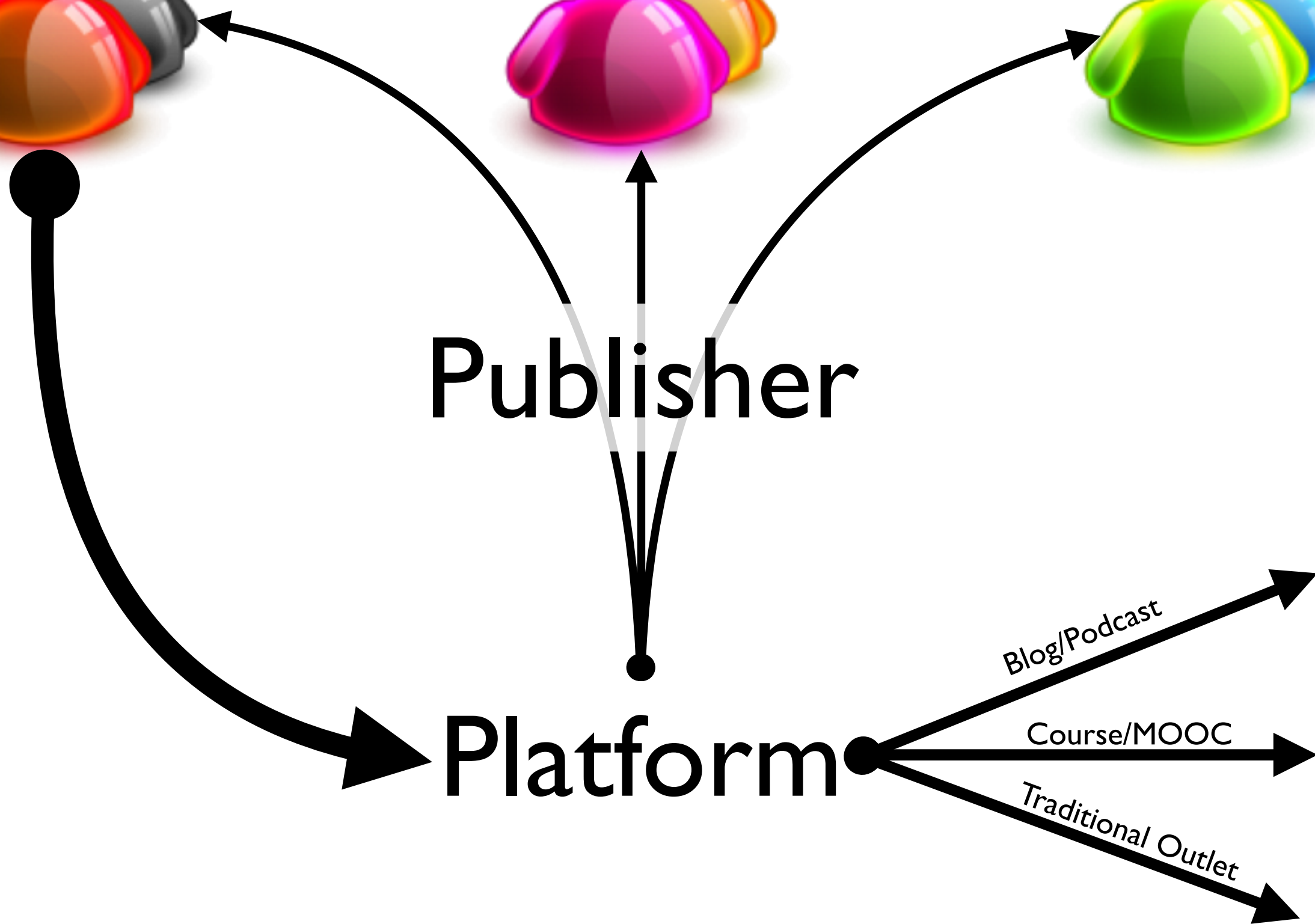# Platform versus Publisher
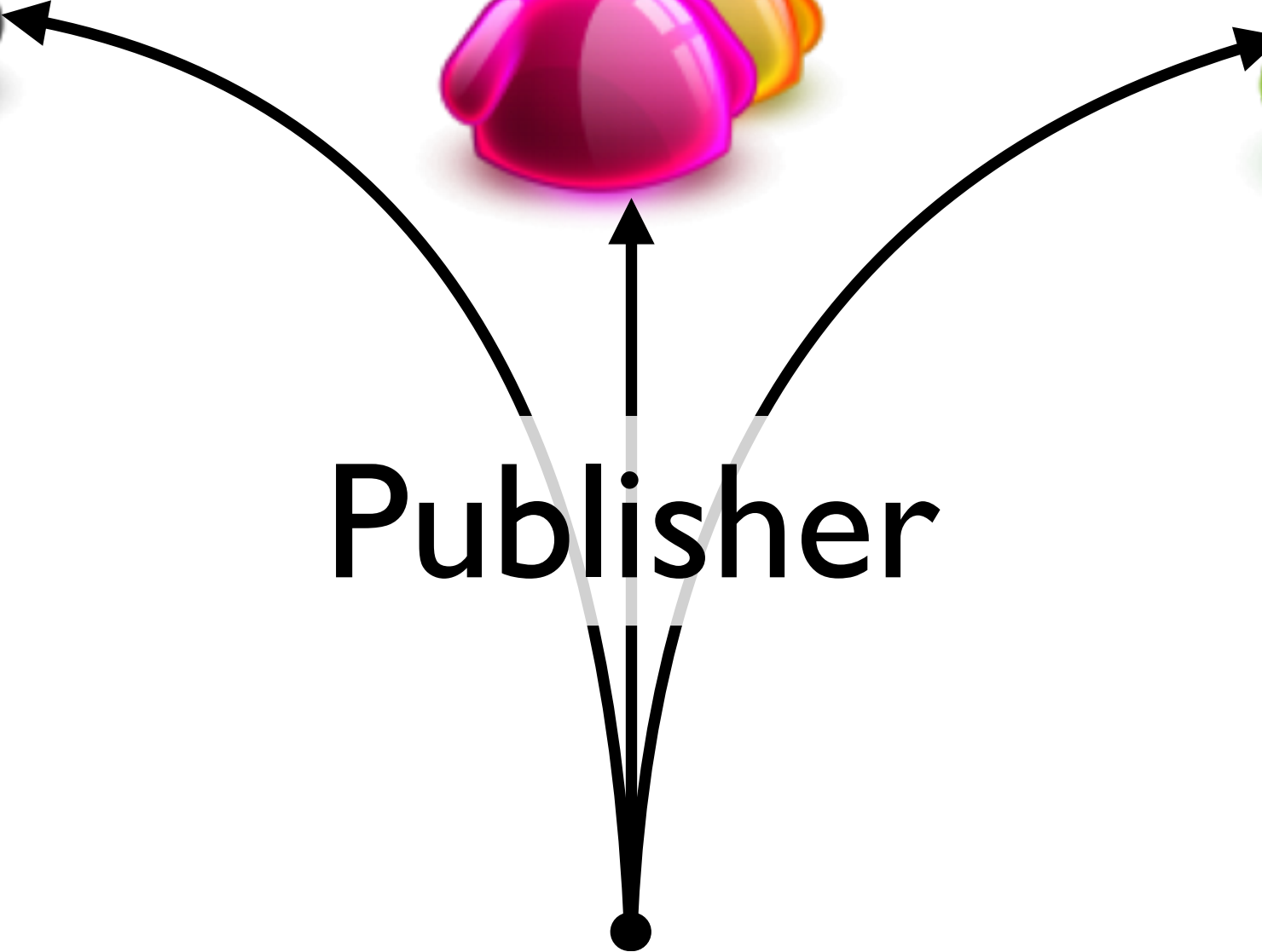
Making It Real

- Institute Platform Thinking

- Prepare Librarians for Curation

    - Strengthen Liaisons

    - Deeper Understanding of Instruction

- Move From Capture Scholarly Output to Disseminating Output

    - Alt Metrics

- Partner, Partner, Partner