Toward a Toolbox

Approaches to Service Management



Hydra Connect 2 → Cleveland, Ohio → October 2014

Our Panel

- Introductions
- Dive into Key Issues
 - Service and support models
 - Reporting and assessment
 - Relationship to development process
 - Challenges
- Open discussion

Hannah Frost - Digital Library Services Manager, Stanford University Libraries

Patricia Hswe - Digital Content Strategist and Head, ScholarSphere User Services, Penn State University

Claire Stewart - Head of Digital Collections department & Director of the Center for Scholarly Communication and Digital Curation, the Northwestern University Library

Stanford

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More Information

- » Digital Collections in SearchWorks
- » Data Management Plans and SDR
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Your collections

Your Active Collections (24).

Collection	Your roles	Collection Items	Item Status
John Warvelle Harbaugh Memoirs		1 item	1 published
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PASIG*DC: Preservation and Archiving Special Interest Group meeting, May 2013		2 items	2 draft
Internal Documents		22 items	1 draft; 21 published
Stanford Law School Monographs		3 items	3 waiting for approval
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Undergraduate Theses, Department of Biology, 2013-2014		49 items	49 published
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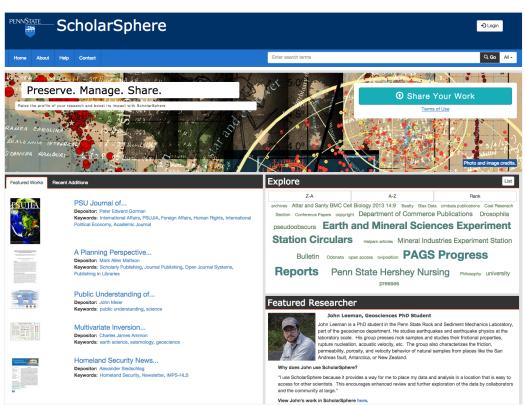
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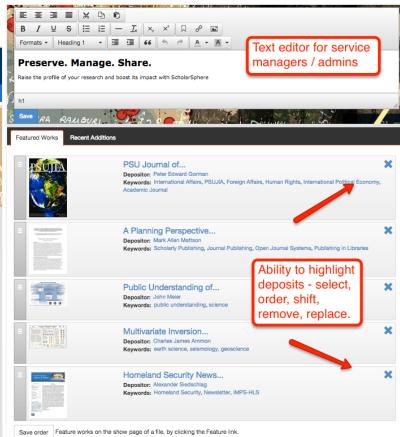
In this work, a detailed empirical analysis of two kinds of tree-like structure, in a variety of real and synthetic networks, is presented.

Stanford

- Two Hydra heads for IR content in prod
 - ETD
 - General purpose
- Product and Service Management team
- Developing service models and tools

Penn State

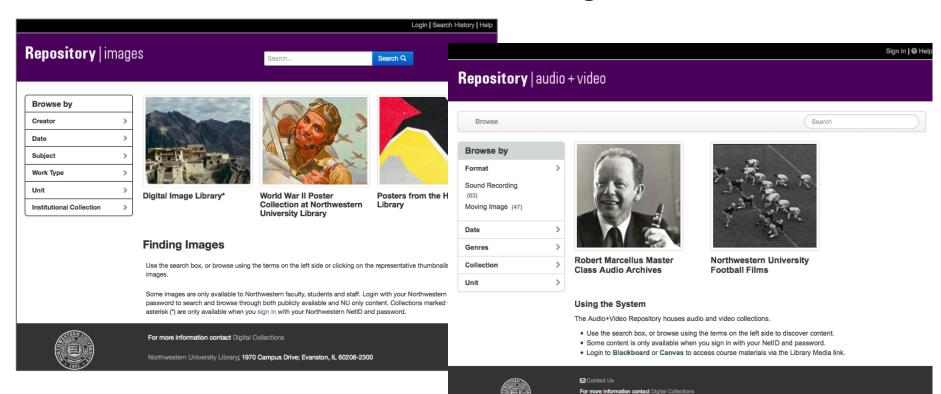




Penn State University

- Two Hydra heads in production
 - ScholarSphere (publicly accessible)
 - ArchiveSphere (restricted access)
- ScholarSphere repository service
 - Service owner/manager University Libraries (UL)
 - Repository services developer team in Information Technology Services (ITS), our central IT division

Northwestern University



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Northwestern

- Two production Hydra heads under active development
 - Audio+Video Repository (Avalon)
 - Image Repository (formerly DIL, now + Menu)
- Models for interaction: service manager and service team (product owner is member) ↔ development team
 - Library Technology: Digital Collections and Enterprise Systems
 - NUIT: streaming server owners, central help desk

Service models

Who are the users? And who is working with them? What roles do they play?

- Single service manager
- Tag teaming
- Service team

Support models

How are user issues addressed?

- Roles
- Response expectations
- Adapting to fluctuations
 - Users: Scaling up
 - Developers: Scaling back

Relationship to development

How do service managers and developers interact?

- Bi-directional (each informs the other)
- Use cases / user stories lingua franca
- Also related to technology strategy
 - "Hydra Strategy Team"

Reporting and assessment

What is important to collect and how (often)?

- Metrics and analytics
- User testing
- Feedback

What challenges do you face?

- Changes in engineering resources
- Managing multiple Hydra heads
- Strategizing for existing and future Hydra infrastructure
- Service model philosophy
- Need for shared service management tools

Sample Service Management Tool

