SI 640 - Digital Libraries and Archives, Winter 2009

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SI 640 Digital Libraries and Archives

Week 9 – Scholarly Communication and Digital Library Use
Pricing Trends in ARL Libraries

Source: Association of Research Libraries
Available online at: http://www.arl.org/bm~doc/arlstat04.pdf
Linear Model of Scholarly Communication
Value Chain of SC System

- **Registration**, which allows claims of precedence for a scholarly finding.
- **Certification**, which establishes the validity of a registered scholarly claim.
- **Awareness**, which allows actors in the scholarly system to remain aware of new claims and findings.
- **Archiving**, which preserves the scholarly record over time.
- **Rewarding**, which rewards actors for their performance in the communication system based on metrics derived from that system.

The Scholarly Knowledge Cycle

Image removed, available here: http://www.ariadne.ac.uk/issue36/lyon/. 

• Lyon, “eBank UK.” http://www.ariadne.ac.uk/issue36/lyon/
Design for Usability

- Fluent with Information Technology (1999)
- Communities: focused or diverse
- Understand behavior, context, practices, expertise, and requirements. (p. 99)
- Search knowledge and skills: conceptual, semantic and syntactic, technical skills. (p. 104)
Academic Platform

- **Functions (Library View)**
  - Discovery: Scholars Portal discovery tool
  - Capture: harvesting and delivery tools
  - Manipulation: text-processing and citation-management tools
  - Distribution: contribution and publication tools
  - Consultation: access to virtual reference services and electronic scholarly communities
The New Academic Platform

- **Academic Productivity Facilitators**
  - *Discovery*: Scholars Portal discovery tool
  - *Capture*: request and delivery tools
  - *Integration*: description, classification, and indexing tools
  - *Manipulation*: text-processing and citation-management tools
  - *Distribution*: contribution and publication tools
  - *Consultation*: virtual reference services and access to electronic scholarly communities
Academic Platform

- **Functions (User View)**
  - Discover relevant information anywhere
  - Deliver to the desktop (or place)
  - Customize references and organize content
  - Manipulate found content (text and image)
  - Distribute remotely or publish to Web/paper
  - Consult experts or engage scholarly communities
Managing Digital Assets in Higher Ed.

- The ‘processed’ publication
- Intellectual property
- Search
- Research methods
- New publication emphases
- New collection emphases
- Interactions among systems
Thank you!

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