

Open Access Publishing: The Promise & Reality For Libraries

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- “To achieve open access to scholarly journal literature, we recommend two complementary strategies.
 - I. Self-Archiving: First, scholars need the tools and assistance...
 - II. Open-access Journals: Second, scholars need the means to launch a new generation of journals...”
- Libraries have a role in both strategies.

Libraries & Open Access

1. Collection Development
2. Interlibrary Loan
3. Reference
4. Technical Services
5. Systems
6. Marketing & Public Relations
7. Human Resources
8. Management

1. Collection Development & OA

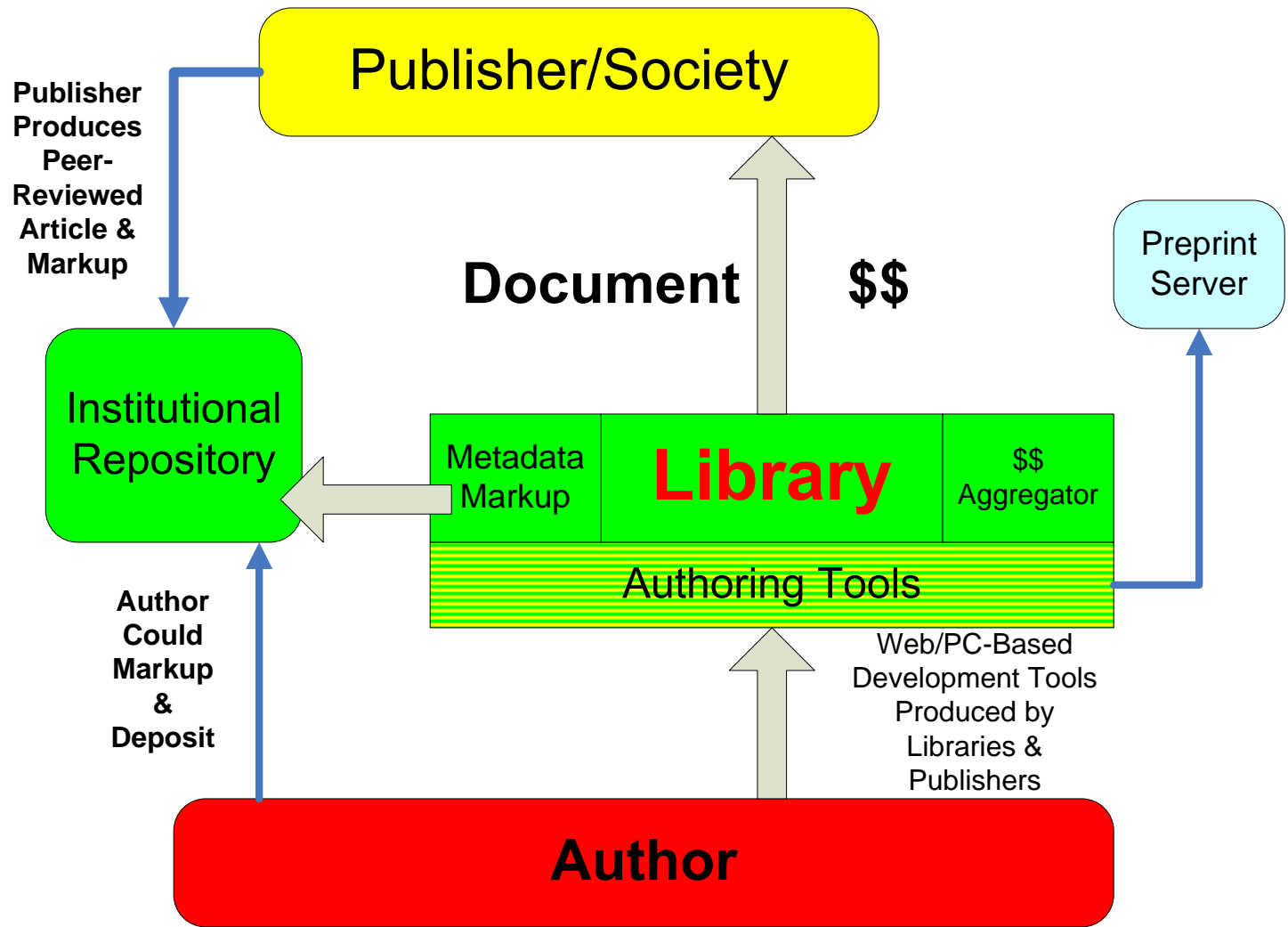
- The Serials Crisis is Solved?
 - Library collection budgets may disappear!
- No need for selection if OA funded by authors & distributed by publishers
- Selection becomes relevant with Institutional Memberships
 - Whom will the library support?
 - Licensing & negotiation important:
 - Getting best deal (% of author discount)

1. Collection Development & OA Changing Fiscal Model

- Institutional Memberships
 - Are these not simply subscriptions?!
 - Consortial agreements possible
- Based on Institution's "Author Output"
 - Fluctuating costs year to year
 - Budgeting may be difficult
 - New models needed (BioMedCentral)
 - Penalized for success
 - More your authors accept, the more you pay

1. Collection Development & OA Fiscal Aggregator Model

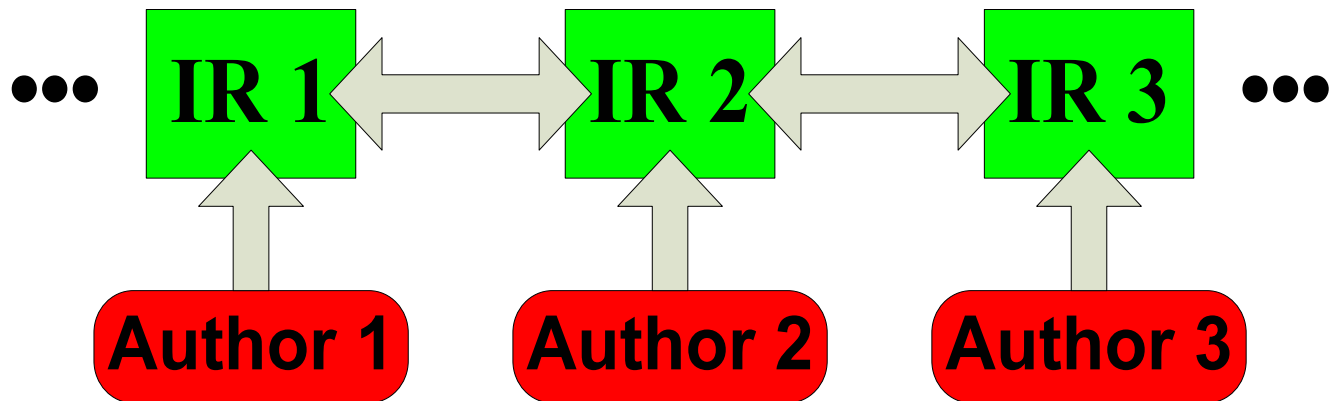
- Handle Payments Like Interlibrary Loan
 - Author gets discount via library
- Provide Marketing & Public Relations Opportunities
- Integration with Institutional Repository
 - Library-publisher interaction
- Metadata Acquisition (at creator stage)



Distributed Institutional Repository Model

Virtual Journal Post-Peer Review

Virtual Journal Pre-Peer Review



1. Collection Development & OA Integration with Other Digital Projects/Objects

- Institutional Repositories
 - Tracking article versions
 - Supplemental material at institution
 - (e.g. datasets, learning objects)
- Indexing/Abstracting Services
 - Linkage to/from
 - Increase visibility
 - Impact factor

1. Collection Development & OA

- With Distributed IRs
 - LOCKSS-like models
 - What gets duplicated & by whom
 - Consortia
 - Support for small research-generating institutions that can not afford to build their own IR
 - Ephemeral vs. Persistent Objects
 - Basically, creating the policies to determine what goes into the local IR

2. Interlibrary Loan & OA

- Should OA become dominant publishing model, ILL will decrease
- ILL will not disappear, though
 - Older materials still needed
 - Not everything will be OA

3. Reference & OA

- Information Literacy becomes critical
 - Evaluation skills important
- In-person reference requests likely to continue decrease
 - Patron finds “everything on Internet”
- Status of virtual reference unsure
- Need to familiarize oneself with OA resources to field potential questions

4. Technical Services & OA

- Is there a need to catalog OA journals?
 - Many are already catalogued
 - Is this a wasted effort?
- As with other e-journals:
 - Binding disappears
 - Check-in & claims disappear
- Invoice creation, payment & reporting disappears, unless \$\$ aggregator

4. Technical Services & OA

- With Fiscal Aggregator Model:
 - Metadata Specialists Needed
 - E.g. developing schemas
 - Metadata Cataloguers Needed
 - Work within certain schemas
 - Work with certain digital objects

5. Systems & OA

- Do we add OA journals to library portals?
- Mirroring vs. LOCKSS vs. ...
- Archive/Persistence support & policy
- Joint efforts within consortia for archiving
 - To spread the cost around
 - Share technical expertise
- IT support as OA technology changes
 - e.g. new formats
- Version Control!!!!!!!!!!!!

6. Marketing/Public Relations & OA

- What is role of library in institution?
 - Training, Literacy, Preservation -- increased
 - Cataloguing Morphed, Collection Development Morphed
 - ILL, Reference – decreased emphasis
 - Physical Space – Changes likely
 - Relationship to other units in institution
 - Course support, teaching, etc.

6. Marketing/Public Relations & OA

- What is relationship of library to other institutions?
 - Consortia
 - Corporate Institutions
 - Other academic institutions (nat'l & intern'l)
 - General public
- Who are your audiences?

7. Human Resources & OA

- Professional Development
 - New skill sets required
 - Ever changing with technology
- Reduction in library staff likely
- Facilitating change in the organization

8. Management & OA

- Potentially large shifts in budget:
 - Collections to digital preservation
 - Fluctuations with Institutional Memberships
- Management of change is critical
- Proactive
 - Ongoing evaluation of environment
- Increased need for user needs studies, marketing and public relations

Where Will These Fit?

- Knowledge Management
 - Knowledge capture of new publishing processes
- Data Mining
 - Patterns that lead to success
- Competitive Intelligence in Academia
 - Analysis of digital object creation by groups
- Scholarly Communication Research
 - Comparison of post- & pre-peer pubs

Summary

- Some problems will remain
- Some issues identified, others emerging
- Initially for libraries: dual support
- Potential for the long term: radical change in libraries

Thank You

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