Cooperating beyond the “buying club”

Digital Resource Commons (DRC)
Making the Impossible Possible
Across Ohio

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(On behalf of Tom Sanville, Executive Director)
The OhioLINK Digital Resource Commons (DRC) is…

• An e-content negotiating, storage and management service
• A repository for scholarly publication
• A data site supporting the full range of educational e-resources
• A mechanism for integrating library e-resources and services into the local campus technology
  – E.g. Blackboard, WebCT, …
The DRC vision includes…

• Faculty research papers such as pre-prints, post-prints or working papers
• Open Access Self-Archiving and Publishing
• Student theses and dissertations
• Course Materials and learning objects
• Library, archival, and special collections
• Instructional video, audio, and images
• Virtual Reality, simulations, etc…
The DRC will support…

- Text, data sets, image, audio, video, streaming video, multimedia presentations, animations, etc…
- Considerable local control (each institution sets its own policies governing the content in its repositories)
- Establishing self-activated custom workflows robust and flexible cataloging tools to aid in the creation of records that can be searched and browsed
- Catalog records can be exported in international standard XML formats such as the Open Archives Initiative Protocol for Metadata Harvesting
DRC Branding

• Each institution can ‘brand’ itself in the system and may host a discrete and customized interface to all of its content.
• There will also be a collective OhioLINK level branding and ability for searches to retrieve across the institutional collections.
DRC: Multi-Level Access

- local control, multi-tiered security levels will allow content to be shared only to the extent desired.
- the Institutions, Communities or Contributors will specify layers of access starting with individual, class, Communities, campus, Institution, OhioLINK community, Ohio, or world-wide access
What are OhioLINK’s rights to the Content?

• OhioLINK only obtains a non-exclusive right to make available the content for personal, research, and educational purposes at the chosen user access-level.

• Ownership of the content remains with the Institution or Contributor as determined locally.

• The Institution (or Contributor, as allowed by the Institution) will specify if this is a perpetual right or can exercise limitations or withdrawal at their discretion.

• OhioLINK reserves the right to migrate and/or transform digital content in accordance with published Preservation Policies and accepted preservation techniques.
DRC hardware

- In collaboration with the Ohio Supercomputer Center content is stored on enterprise class servers and storage networks.
- Server computers are on the internet backbone ensuring maximum availability and speed.
- A huge storage area network allows virtually unlimited storage space. Massive offsite tape and disk backup systems to ensure the safety and security of content.
- DRC materials stored at OhioLINK, can be administered centrally with no local programming or system administration.
Documentum 5 (Software)

- provides a universal repository capable of storing and managing all content types anticipated
- supplies the security and access controls to coordinate content creation among a group of contributors based on user definitions
- able to create search and browse mechanisms to efficiently find content. Virtual document and rendition management capabilities to support complex document structures
- workflow capabilities that facilitate the automatic routing of content and tasks between individuals and also automatically engage events, activities, and security during document creation lifecycle
- easy-to-use environment to build or customize content applications by independent Documentum software vendors and OhioLINK developers
The Broader Backdrop for the DRC:*

*The Ohio Digital Commons for Education (ODCE)*

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**OhioLINK**
Ohio Library and Information Network

**Ohio Learning Network**
Using technology to enhance learning

**OSC**
Innovations in computing, networking, and education

**QARnet**
Your Internal Solutions Partner
What is the Ohio Commons?

• Partnership of OhioLINK, Ohio Learning Network, and Ohio Supercomputer Center (all OBR programs)
• **Convergence of Libraries, Learning, and Technology**
• Shared statewide services environment for institutions offers best services, lowest statewide cost with maximum use
• Forum to implement the next new “things” in instructional technologies, information resources, and research
Thank you

Questions?

Comments?