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 <u>at the chosen user access-level.</u>
- 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)

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?