Intelligent Collaboration of Digital Library & Academic Web Portal

Konferensi Perpustakaan Digital Indonesia
Bandung, 2 – 4 November 2010
http://kpdi3.pnri.go.id
Agenda

1. “Document”
2. Document Cycle
3. Digital Library
4. Digital Library Concept
5. Digital Library Environment
6. Digital Library with DocuShare
8. Document Connection for Apeos
9. Student Printing Services
It is commonly said that “a document can either be represented in electronic form (i.e. Word document, Spreadsheet file, Movie file, Sound clip, etc.) or as a traditional hardcopy consisting of one to thousands of pages”.
Document Cycle

Input
- Create:
  - Planning: Content, Objective
  - Technology: Microsoft etc.
  - Design: Color, Layout
- Scan, Capture, Recognized
  - ICR: Intelligent Character recognition
  - OCR: Optical Character recognition
  - OMR: Optical Mark Recognition

Management
- Access right
- Searching Method
- Versioning
- Reporting
- Workflow
- Distribute

Output
- Digital Print on Demand
- Email
- Fax
- View
- Print
- Portal

Archival, Retention and Storage

 astragraphia

FUJI XEROX
A **digital library** is a library in which collections are stored in digital formats (as opposed to print, microform, or other media) and accessible by computers. The digital content may be stored locally, or accessed remotely via computer networks. A digital library is a type of information retrieval system. 

*(source: wikipedia)*
Digital Library Concept

- The digital collection may be created and produced in a variety of different places, but will be accessible as if it were a single entity.

- The digital collection will be organized/categorized/indexed for easier access than is possible from its original point of production.

- The digital collection will be stored and maintained in such a way as to ensure that it will continue to be available long after the period of its immediate currency.

- The digital collection included sensitive data, authorization will be set so only team members could access and/or edit the files stored in this particular area of the University’s DocuShare site.

- The digital collection also keeps a history of all previous versions, so if the team agrees the latest revision is unnecessary, it is simple to revert back to the last version.

- The digital collection is planning on using DocuShare’s subscription feature, which automatically sends an e-mail notification to prespecified users when new content is added to the site.
Digital Library Environment

User environment

Learning Management systems
Personal Collection

Resource environment

Institutional repository
Digital collection
E-reserve
Catalog
Catalog ILL
License collection
Aggregation
Virtual reference

Lab books
PDAs
Campus Portal
Exhibitions
Reading List
Digital Library with DocuShare

DocuShare is a web-based document and Enterprise Content Management system. It enables anyone, regardless of skill or location, to *index, store, share, collaborate,* and *manage* documents using a web browser and other desktop applications.
A Complete Solution for Document Lifecycle Management

DocuShare delivers common content platform across Xerox products

- Scalable, extensible architecture, feature set
- Out-of-the-box integration with FX Office and Production hardware and software
Document Connection for Apeos
Document Connection for Apeos

**Login Screen** - Able to select multiple sources
- Shared folder

**Print Settings**
- Check before printing
- Prevent Paper Wastage!

**One UI, one-touch on-demand printing**
- Simple
- Prevent Paper Wastage with Secure!

**Browsing View (Shared Folder / SharePoint)**
- Same UI to browse
- Shared Folder, SharePoint or DS
- Easy to learn!

**Print Preview (normal/enlarge)**

**Convenient**
- One UI, scan to multiple sources
**Student Printing Services**

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<th>Campus Portal</th>
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<td>Designer</td>
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<td>Direct Upload to Server Or Via Printing Portal</td>
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- Login id
- Password
- Ref. guide
- Download driver
Award

**KMWorld Trend-Setting Products of 2010**

**2010 KMWorld 100 Companies That Matter in Knowledge Management**
http://docushare.xerox.com/products/ds_products_awards.html

**Buyers Lab “Pick” for Best ECM Software**
Evaluated on:
- Ease of use / Ease of administration
- Integration with multifunction device imaging
- Security
- Value
Xerox DocuShare Software Helps NASA

The DocuShare system runs on a central Solaris server and supports users across all platforms including Windows and Linux. In addition to the team supporting the Mars Exploration Rover project, more than 5,000 other people are using DocuShare for different active projects at NASA JPL. In total, the Xerox DocuShare content and document management system houses 700 gigabytes of data and manages more than 300,000 files for the space program.

"Since 1998, NASA JPL scientists have used DocuShare to collaborate closely on a series of high-profile projects, leading up to the Mars Exploration Rover mission," said David Smith.
