The Scholarly Digital Initiatives Program at the University of Kansas: A Campus-wide Collaboration

The Scholarly Digital Initiatives Program at the University of Kansas

A Campus-wide Collaboration

- Holly Mercer, Coordinator of Digital Content Development
- Deborah Ludwig, Director of Enterprise Academic Systems

EndUser 2005
30 April 2005

Mission of Information Services

“to collaborate with scholars, learners, leaders, managers, and each other to facilitate access to information and the innovative use of technology in support of learning, scholarship, and creative endeavor.”
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The University of Kansas, Information Services

KU Information Services Organization

- Libraries
- Information Technology
- Networking and Telecommunications

The University of Kansas, Information Services

KU Information Services: Organizational Strategy

PROVOST

Vice Provost's Office

Networking

IT Services

Libraries

Application Services

Scholarly Digital Initiatives

- Program Office & Service Mgt.
- Research Computing
- Desktop Support Services
- Administrative Services

Scholarly Communication

- Public Services
- Info. & Instructional Services
- Technical Services
- Other Units
- Administrative Services

30 April 2005, 2
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The University of Kansas, Information Services

Digital Initiatives & Academic Infrastructure

Campus Portal

ENCompass & Gateway

Image Collections

Voyager Catalogs

Institutional Repository

Campus Google

EAD Finding Aids

Encompass Metadata

Courseware

Instructional Media

Instructional Content

P.I.M

Groupware: Email, Public Folders, Calendars

Future Content Development Areas:

Complex Digital Objects

Rich Media

Learning Objects

Collaboration Tools

Application Infrastructure Services & Middleware:
Name Resolution, Digital Asset Management, Authentication, Gateways for data exchange, OpenURL resolution, backend processing.

30 April 2005, 4
The Scholarly Digital Initiatives Program at the University of Kansas: A Campus-wide Collaboration
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GATEWAY VIEW – Web Resources

Selected Web Resources

Find a selected Web resource by keyword(s): (see "i" to innovate)

<table>
<thead>
<tr>
<th>Selected Web Resources</th>
<th>A-Z &amp; by Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>African Studies</td>
<td>Area and Cultural Studies</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>Jewish Studies</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>Latin American Area Studies</td>
</tr>
<tr>
<td>Feminist Studies</td>
<td>Middle Eastern Studies</td>
</tr>
<tr>
<td>Indigenous Nations Studies</td>
<td>Middle Eastern Studies</td>
</tr>
<tr>
<td>International Studies</td>
<td>African American Studies</td>
</tr>
<tr>
<td>Islamic Studies</td>
<td>African American Studies</td>
</tr>
<tr>
<td>Arabic Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>Art and Humanities</td>
<td>Arts and Humanities (general)</td>
</tr>
<tr>
<td>Architecture and Urban Design</td>
<td>Historical Administration / Museum Studies</td>
</tr>
<tr>
<td>History</td>
<td>Music and Dance</td>
</tr>
</tbody>
</table>

GATEWAY VIEW – Web Resources

Results Display

You did a Web Text search for "African Studies"

(Person)

(Database)

(Web Resource)
<table>
<thead>
<tr>
<th>Cross-functional work groups, Information Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Information Gateway Team:</strong></td>
</tr>
<tr>
<td>• Managing Electronic Resources working group</td>
</tr>
<tr>
<td>• Public Interface Design working group</td>
</tr>
<tr>
<td>• Enterprise Academic Systems</td>
</tr>
<tr>
<td>– Special Projects Librarian</td>
</tr>
<tr>
<td>– Web Services Coordinator</td>
</tr>
<tr>
<td>• Subject Liaisons</td>
</tr>
<tr>
<td>• Cataloging Department</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>The University of Kansas, Information Services</th>
</tr>
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<tbody>
<tr>
<td><strong>KU Scholarly Digital Initiatives...</strong></td>
</tr>
<tr>
<td>responsible for designing and implementing</td>
</tr>
<tr>
<td>digital services needed to <strong>create</strong>, <strong>display</strong>, <strong>discover</strong>, <strong>store</strong>, and <strong>preserve</strong> scholarly information in a digital format.</td>
</tr>
</tbody>
</table>

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<tr>
<th>The University of Kansas, Information Services</th>
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</thead>
<tbody>
<tr>
<td><strong>KU Scholarly Digital Initiatives...</strong></td>
</tr>
<tr>
<td><strong>What we do:</strong></td>
</tr>
<tr>
<td>•Project planning</td>
</tr>
<tr>
<td>•Recommend standards</td>
</tr>
<tr>
<td>•Project management</td>
</tr>
<tr>
<td>•File naming conventions</td>
</tr>
<tr>
<td><strong>What we provide:</strong></td>
</tr>
<tr>
<td>•Services</td>
</tr>
<tr>
<td>•Systems</td>
</tr>
<tr>
<td>•Equipment</td>
</tr>
</tbody>
</table>
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<table>
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<tr>
<th>Planning Details</th>
<th>The University of Kansas, Information Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Registry services &amp; object repositories</td>
<td>• Audience, end-users</td>
</tr>
<tr>
<td>• Metadata templates &amp; repositories</td>
<td>• Discovery &amp; access</td>
</tr>
<tr>
<td>• IAA &amp; Name Resolution Services</td>
<td>• Scholarly sharing</td>
</tr>
<tr>
<td>• Organizational roles, policies, &amp; education</td>
<td>• Flexible re-purposing between teaching &amp; research</td>
</tr>
</tbody>
</table>

The good thing about standards...
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http://kudiglib.ku.edu

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Standards
Policies
Best Practices

Storage Policies
Metadata Standards
Migration Policies
Format Standards
Access Policies
Naming Conventions
Other Policies

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http://kudiglib.ku.edu

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Create

- Digitization equipment
- Consulting
- Metadata
- Grant Preparation Assistance

Display

- Images
- Scanned and encoded text
- Audio and video
- Custom Web services
- Course integration
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**Discover**

- *Federated search engine (Endeavor ENCompass)*
- *Metadata harvesting (OAI PMH)*
- *Repository-specific search interfaces*

**Store**

*Secure storage services include:*

- *Server maintenance*
- *Backup and off-site storage of backups*
- *24x7 operations monitoring*
- *Replacement of failed disk*
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Preserve

• University-wide comprehensive digital preservation policy framework
• Be-Safe (Big Electronic Safe)
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Campus Collaborations

- **Instructional Design and Support**
  - Digital Lab
  - Blackboard
- **Museum of Anthropology**
  - Seed money
  - Kansas City Hopewell
- **Spencer Museum of Art**
- **Invertebrate Paleontology**
  - 3-D fossil images & database
- **Campus Libraries**
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• Instructional Design and Support
  – Digital Lab
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Campus Collaborations

- Instructional Design and Support
  - Digital Lab
  - Blackboard
- Museum of Anthropology
  - Seed money
  - Kansas City Hopewell
- Spencer Museum of Art
  - Hosting digital collections
- Invertebrate Paleontology
  - 3-D fossil images & database
- Campus Libraries

External Partnerships

- Western Trails
- Territorial Kansas Online
- Kansas Digital Library

The University of Kansas, Information Services

30 April 2005 , 18
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For Further Information

- Presentation: [http://kuscholarworks.ku.edu](http://kuscholarworks.ku.edu)
- Scholarly Digital Initiatives: [http://kudiglib.ku.edu/](http://kudiglib.ku.edu/)
- Information Services: [http://informationservices.ku.edu](http://informationservices.ku.edu)
- Libraries: [http://www.lib.ku.edu](http://www.lib.ku.edu)

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