GALILEO’s Next Leg: Knowledge Repository Proposal

Regents Academic Committee on Libraries (RACL)
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Georgia Archives

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What is an Institutional Repository?

IR’s preserve the intellectual output of a University, Department, or Campus Organization; they also increase access to and expand the visibility of the university’s scholarly output.
Why do we need an IR?

- Showcase and preserve scholarly output and historic documents
- Allow faculty to self archive post prints, preprints (and extra materials)
- IR’s can be used to support teaching and learning
- IR’s provide a stable environment for the preservation of born digital materials
Just what goes into an IR, anyway?

- Pre-Prints
- Post-Prints
- Working Papers
- Datasets
- Supplementary Materials
- Learning Objects
- Other Stuff…
Who else is doing this
What else can an IR do?
IR @ Georgia Tech

http://SMARTech.gatech.edu
IRs @ GSU

Electronic Theses and Dissertation Database

Search Georgia State's ETD Collection
- Browse by Author
  - Browse through the database of available ETDs.
- Search the ETD Database
  - Search the database of available ETDs.

Submit Your ETD
- Log Into the ETD Server
  - Submit a new ETD or modify a previously uploaded ETD.
- ETD Help
  - General and page-specific information for authors using the submission process to add their ETD to the database.

Administer ETDs
- Review Submitted ETDs
  - Review, modify, delete, and approve submitted ETDs.
- Manage Available ETDs
  - Modify, delete, and change the availability of available ETDs.
- Manage Withheld ETDs
  - Modify, delete, and release withheld ETDs.

Click here to send comments to ETD Support
Existing IR content at the UGA Libraries:

- **Electronic Theses and Dissertations**
  Almost 2,500 ETDs since summer 1999

- **UGA SACS Compliance Documents Database**
  More than 1,800 annual reports, self studies, policies, and other documentary evidence digitized and aggregated 1999-2000 to support the accreditation process
Institutional Repository Group:

• **Charge:** Investigate and make recommendations on key issues associated with the establishment of an IR at the UGA Libraries

• **Progress made:**
  – DSpace pilot installation
  – UGA Web Study completed
  – Content guidelines and preservation policy in development
  – Metadata guidelines in development in collaboration with other institutions
  – Selecting DSpace testbed data from Web Study
MCG Tommorow

IR Content Areas

1. Research themes (Office of Clinical Investigative Services / Research Administration)
   - Cancer
   - Cardiovascular health
   - Diabetes
   - Inflammation & Infection
   - Neurological disorders

2. Medical Illustrations (School of Allied Health Sciences) / Medical Images (Video & Instructional Design)

3. ETDs (Schools of Graduate Studies, Nursing, Allied Health Sciences)

4. Consumer Health (MCG Health System, Children’s Medical Center, MCGHI)

5. Technology transfer (Life Sciences Business Development Center)

6. Policy-based restricted area (Clinical Information Services / Client Services / MCGHI):
   - EB interface to the EMR (Private health information)
   - Legal materials / depositions

Improved Patient Care
-- Complex & Unusual Cases --
Collaboration & Interdisciplinarity
MCG Today

Selected Systems in Place

Research Administration:
- InfoEd
- Misc. Studies Information Database
- Grant & Funding Management Database
- Intellectual Property Management Database

Institutional Research:
- IFL / Faculty Information System
- Institutional Research Information System (IRIS)
- PUBS, Publication Management System
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Origin of the concept:
- RACL Executive Committee (Aug. 2004)
- GKR Funding Proposal (Sept. 2004)
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The Problem:

• A significant portion of the USG’s intellectual product never appears in a permanent printed form
• Lack of stewardship for scholarly output in digital form
• Lack of access to much of the scholarship generated by faculty, staff, and students
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Rationale for a shared repository:

• Increase USG visibility and prestige through global exposure to its digital scholarship
• Provide stewardship of the least permanent element of the USG’s intellectual product
• Promote efficiency by maximizing the utility and longevity of an existing investment of higher education dollars
• Demonstrate the effectiveness of USG institutions and their faculty for assessment and accreditation purposes through enhanced access to their scholarly output
Rationale for a shared repository:

• Promote information sharing among the 34 USG institutions, and promote learning among the citizens of Georgia, at large
• Provide a platform for open access scholarship as an alternative to expensive print journals that place escalating pressure on library budgets
• Create an outlet for new forms of digital scholarship
• Promote sharing of learning objects to enhance teaching and productivity
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Distributed model:

• Populate IRs at GSU, Georgia Tech, and UGA (initial building blocks)
• Aggregate metadata into a union database
• Gain experience toward IR hosting and maintaining the central database
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Shared service model:

• Centrally hosted software/hardware
• Locally managed content and rights management
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Developing Shared standards:

• Metadata
• Preservation
• Rights management
• Other key components of IR work
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Progress:

• Proposal submitted to OIIT Library Services on Sept. 13, 2004 (not yet funded)

• IR Metadata Group
  – Advanced Learning Technologies Group (BOR)
  – Georgia Southern University (soon)
  – Georgia State University
  – Georgia Tech
  – Medical College of Georgia
  – University of Georgia

• Individual IR programs in development
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Questions/discussion?