Nuts & Bolts: Preserving Digital Content at the University of North Texas

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● Background: Digital Initiatives At The University Of North Texas Libraries

● Architecture For Digital Preservation: Design And Description
Background

- Organization Structure at UNT
- Collaborative Projects
- UNT Libraries’ Collections
- Research
Organizational Structure to Support Digital Initiatives

Information Technology Services Group

- Digital Projects
- LAN/PC Management
- Multimedia Development
Collaborative Projects

- CyberCemetery
- Texas Register Archive
- Texas Laws and Resolutions Archive
- The Portal to Texas History
Collaborative Projects: Cyber Cemetery

- Forty-five harvested websites
- Partnerships:
  - Government Printing Office (GPO)
  - National Archives and Records Administration (NARA)
Collaborative Projects: Cyber Cemetery – Old Model

- Downloaded Web sites using software such as Teleport Pro and HT Track
- Submission by closing agency or commission
- Reconstructed site on our Web servers as it was
- Added to CC search and sometimes created a separate site search
Collaborative Projects: Cyber Cemetery – New Model

- Web sites captured using Heritrix
- Reside in “arc” files
- Create metadata records at the site level
- Access through local installation of the “wayback machine”
- Link to the main page of the site from a list of sites
- Provide for searching
Collaborative Projects:
Texas Register Archive
Texas Laws and Resolutions Archive

Texas Secretary of State’s Office

• Texas Register Archive (1991-current)

• Texas Laws and Resolutions Archive (78^{th} Legislature – current)

• Current State of Texas Meeting Notices (daily)
Collaborative Projects: The Portal to Texas History

• Content from more than 70 collaborative partners
• 32,000 records comprising over 237,000 digital images
UNT Libraries’ Projects

• Government Documents
• Music Library
• Rare Books
UNT Libraries’ Projects: Government Documents

• Congressional Research Service Archive
  • 10,000+ CRS Reports

• Advisory Commission on Intergovernmental Relations
  • 408 reports = 47,874 pages

• Federal Communications Commission (FCC) Record
  • 622 issues = 364,523

• GovDocs A to Z digitization project
  • 379 scanned 500+ in queue

• Federal Newsmaps
  • 212 newsmaps, double sided – 424 images
UNT Libraries’ Projects: Music Library

• Jean-Baptiste Lully Collection
  • 27 Scores, 10,000 pages

• College of Music Recordings
  • 250 hours per year

• College of Music Program Books

• Willis Conover Collection
  • 30 vol, 3,609 pages
UNT Libraries’ Projects: Rare Books

• Miniature Book Collection
  • 110 Records
• World War Poster Collection
  • 495 WWI and WWII Posters
Research

The Web at Risk Project
The National Digital Information Infrastructure Preservation Program

- California Digital Library
- University of North Texas
- New York University

IOGENE
Optimizing the User Experience in a Rapid Development Framework
Institute of Museum and Library Services
http://iogene.library.unt.edu/
Research

National Digital Newspaper Program
National Endowment for the Humanities
http://web3.unt.edu/mmdl/projects/tdnp/
A Research Focus at UNT: Digital Libraries

- Digital Preservation
- Collection
  - Development for Digital Content
    - Selection
    - Acquisition
    - Organization
    - Access
- User Services
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