Texas Digital Library: An Update
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Summary

• Review of the Past Year
  – Projects: Vireo, TxLOR, PresNet, Statistics, Shibboleth
• Member Collaborations
• Looking Ahead
Vireo

• Finishing up work on the VIREO IMLS grant
  – We’ll open source Vireo September as per the grant
  – A&M, UT, Texas Tech are using Vireo in production
  – UTMB, UH, ASU, UTSWMED, UTB are testing
  – Automated publishing to local IR (SWORD)
  – Automated harvesting to TDL ETD Federated Repository (OAI-ORE)
• University of Illinois, MIT, CDL, Universidad de Michoacan, are using, testing, or preparing to test Vireo
• Vireo users group is meeting and sharing experiences
Texas Learning Objects Repository

- We are nearing the end of the 2nd year of this grant
- TxLOR demo was well received
  - Texas Distance Learning Association
  - March 2010
- This summer will be the time to harden TxLOR for a fall deployment
- This shows collaboration between TDL, UTTC, and THECB
Preservation Network

• Development team focusing on PresNet
  – Using iRODS and participating in iRODS users group
  – Developing software infrastructure for managing large collections of files (packing, unpacking, moving containers)

• Signing contract for 80TB with Texas Advanced Center for Computing
  – Tier 1 – 8TB of storage as part of membership
  – Tier 2 – 4TB of storage as part of membership
  – Tier 3 – 2TB of storage as part of membership

• Tape copy in Austin (up to 80TB), Tape copy (up to 80TB) at out-of-state location (chosen by TACC based on availability in their network)

• Shows collaboration between TDL and TACC
Statistics

- Outsourced this development for cost-savings and efficiency
  - Options:
    - @mire for $20K / DSpace instance / year
    - Outsource development of stats package-$15K one-time cost
- Log based package – portable to any repository platform
  - Dev team will integrate the package this Summer
Statistics – User Stories

• As an Author, I want to...
  ...know the # of downloads per month/year/ever for my items

• As a Librarian, I want to...
  ...know the # of items added per collection/community over a given date range
  ...aggregate statistics by month, year, day, and total (since the epoch.)
  ...know the top 10/20/etc. downloads in a collection/community/repository.
  ...know the 10/20/etc. most recent additions to a collection/community/repository.
  ...know the total number of items in a collection/community/repository.

• As an Administrator, I want to...
  ...know the disk usage and number of files per item in a given collection or community.
  ...know the # of downloads/views per item/collection/community/author per month/year/ever.
  ...analyze statistics by location (country.)
  ...analyze statistics by domain.
Shibboleth

- Now using LEARN identify provider and metadata
- LEARN Shib federation up and going
- Paul Caskey from LEARN providing support to TDL member institutions
  - Transitioning current members to LEARN Federation
- This shows collaboration between TDL and LEARN
Member Collaborations

- Baylor for Training program
- Texas Tech for User Services and Production Team
- Metadata Working Group
- Preservation Network Working Group
- Vireo Users Group
- New! TDL Users Group
Training at Baylor University

**Training host and registration management:** Amy Alexander, Baylor University

- **Vireo ETD Management**
  - Christine Dromgoole, Texas A&M
  - Laura Hammons, Texas A&M
  - Jason Thomale, Texas Tech
  - Ryan Steans, TDL

- **DSpace Customization**
  - Scott Phillips, TDL
  - Steven Williams, University of Texas

- **Introduction to DSpace**
  - Cameron Kainerstorfer, UT Southwest Med
  - Heather Perkins, UT Southwest Med
  - Janis Darden, UT Southwest Med
  - Jay Koenig, Texas A&M

- **Open Journal Systems**
  - Kristi Park, TDL
  - Ryan Steans, TDL

- **Open Conference Management**
  - Ryan Steans, TDL
User Services and Production Team

- Natalie Bueno Vasquez, TTU
- Matthew McKinney, TTU
- Lance King, TTU/ TDL
- Peter Nürnberg, TDL
- Bill Sidney, TDL
- Dan Galewsky, TDL
- Ryan Steans, TDL
Metadata Working Group

- Amanda Harlan, Baylor University – Chair
- Holly Mercer, Texas A&M
- Daniel Alemneh, Univ. of North Texas
- Jee Davis, UT Austin
- Jeanne Hazzard, Texas State University
- Jason Thomale, Texas Tech University
- Mingyu Chen, Univ. of Houston
Vireo Users Group

- Laura Hammons, Texas A&M - Co-Chair
- Jason Thomale, TTU – Co-Chair

First meeting Wednesday, May 19th!
PresNet Working Group

- Michele Reilly, University of Houston – Chair
- Gail Clement, Texas A&M
- Wendy Martin, UT Austin
- Jason Thomale, TTU
TDL User’s Group – Coming Soon…

- Matt Zimmerman, UT Southwest Medical – Chair
Looking ahead...

• We will focus the development team on TxLOR and PresNet
• Integrate stats package into TDL DSpace
• Continue working on collaboration with RABiD
• Legislative session spring 2011; now talking to Government Relations officers
Questions?