NDLTD/MetaArchive Distributed Preservation Network for ETDs
Cape Town, South Africa

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MetaArchive Membership Distribution

MetaArchive
46 institutions
12 states/districts
4 countries
MetaArchive Cooperative
http://www.metaarchive.org

• A distributed digital preservation cooperative for digital archives, based on LOCKSS

• 286 TB network with 24 secure caches

• Preserving collections for/with 18 members and 46 institutions in 4 countries

• Actively growing (outreach campaign in progress, aim to double membership)

• Provide preservation consulting and training
NDLTD/MetaArchive ETD Participants

1. Auburn University
2. Boston College
3. Consorci de Biblioteques Universitataries de Catalunya
4. Florida State University
5. Georgia Tech
6. Indiana State University
7. Poltifícia Universidade Catolica Rio de Janerio
8. Rice University
9. University of Louisville
10. Virginia Tech
ETD-db Flow Diagram

ETD-db
http://scholar.lib.vt.edu/ETD-db/index.shtml

Florida State University
Emory University
Boston College
Rice University
Georgia Tech

Virginia Tech Library

Graduate Student
Committee
UMI
Graduate School

submit ETD
editorial email(s)
notify
approve and release
access back up

preservation
ETD Preservation in the MetaArchive Cooperative

Content Monitoring and Recovery

LOCKSS daemons on all caches periodically update content from the web, validate content via polls and votes, and repair content when necessary.

The cache manager monitors all LOCKSS caches for uptime, availability of disk space, and sufficient replication of content.
IMLS ETD Lifecycle Management Project

• Universities have been steadily transitioning from traditional paper/microfilm to digital ETD submission, dissemination, and preservation processes.

• While this move from print-based to digital-based theses and dissertations greatly enhances the accessibility and sharing of graduate student research, it also raises grave concerns about the potential ephemerality of these digital resources.
Reasons for this Project (cont.)

• The intended audience for this project includes academic libraries currently managing or prospectively considering programs for ETD preservation.

• How will institutions ensure that the electronic theses and dissertations they acquire from students today will be available to future researchers?

• We need to better understand, document, and address the preservation challenges presented by ETDs to ensure that colleges and universities have the requisite knowledge to properly curate these new collections.
IMLS ETD Lifecycle Management Project Goals and Products

• **Dissemination of Guidance Documents for Lifecycle Management of ETDs:** Based on collaborative research between NDLTD and MetaArchive on how to best manage the lifecycle of ETDs

• **Production of ETD Lifecycle Management Tools:** modular micro-services that can be used alone or incorporated into larger repository systems to address targeted needs in managing ETDs throughout their lifecycle

• **Creation of Educational Materials and Associated Workshop:** will be made freely available and utilized in a workshop that will be offered in the second year of the project. Materials will include curriculum syllabi, training handouts, PowerPoint presentations, exercises, and other relevant items
IMLS ETD Lifecycle Management Project Partners

1. University of North Texas Libraries
2. Networked Digital Library of Theses and Dissertations (NDLTD)
3. Educopia Institute and MetaArchive Cooperative
4. Virginia Tech Library
5. Rice University Library
6. Boston College Library
7. Indiana State University Library
8. Pennsylvania State University Library
9. University of Arizona Library
IMLS ETD Lifecycle Management Project Timeline

• Project will take place over a two year period from October 2011 to September 2013

• Workshop will be held in February 2013 at the Texas ETD Association conference

• Project will create two public websites (maintained by MetaArchive and NDLTD) to disseminate the documents and micro-services produced
IMLS ETD Lifecycle Management Project
Questions and Answers

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