

NDLTD Welcome and Introduction

**ETD 2010: 13th Int. Symp. on ETDs
Austin, TX, USA**

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Outline

- **Acknowledgements**
- Digital Libraries
- NDLTD
- Recent and Future Work
- Summary

Acknowledgements

- All those working with ETDs
- ND LTD, including Board, Committees, Working Groups, and Members
- ETD 2010 Conference Team
- Sponsors
- Presenters, Attendees

Acknowledgements (2)

Board of Directors, Retired

- Susan Copeland
- Jude Edminster
- *Thom Hickey*
- *Christine Jewell*
- Eva Muller
- *Hussein Suleman*
- Xiaolin Zhang

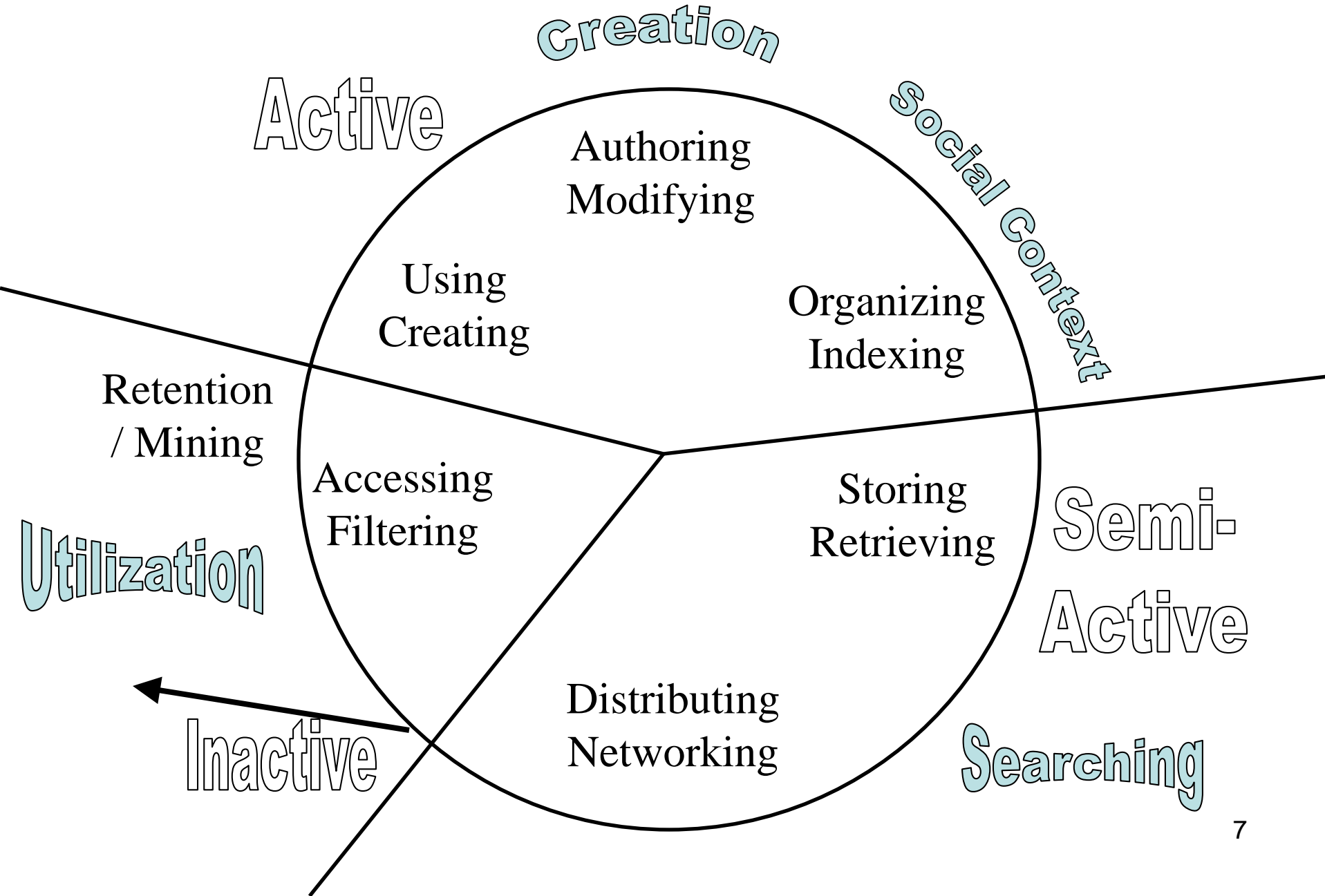
Acknowledgements (3): Future Conferences

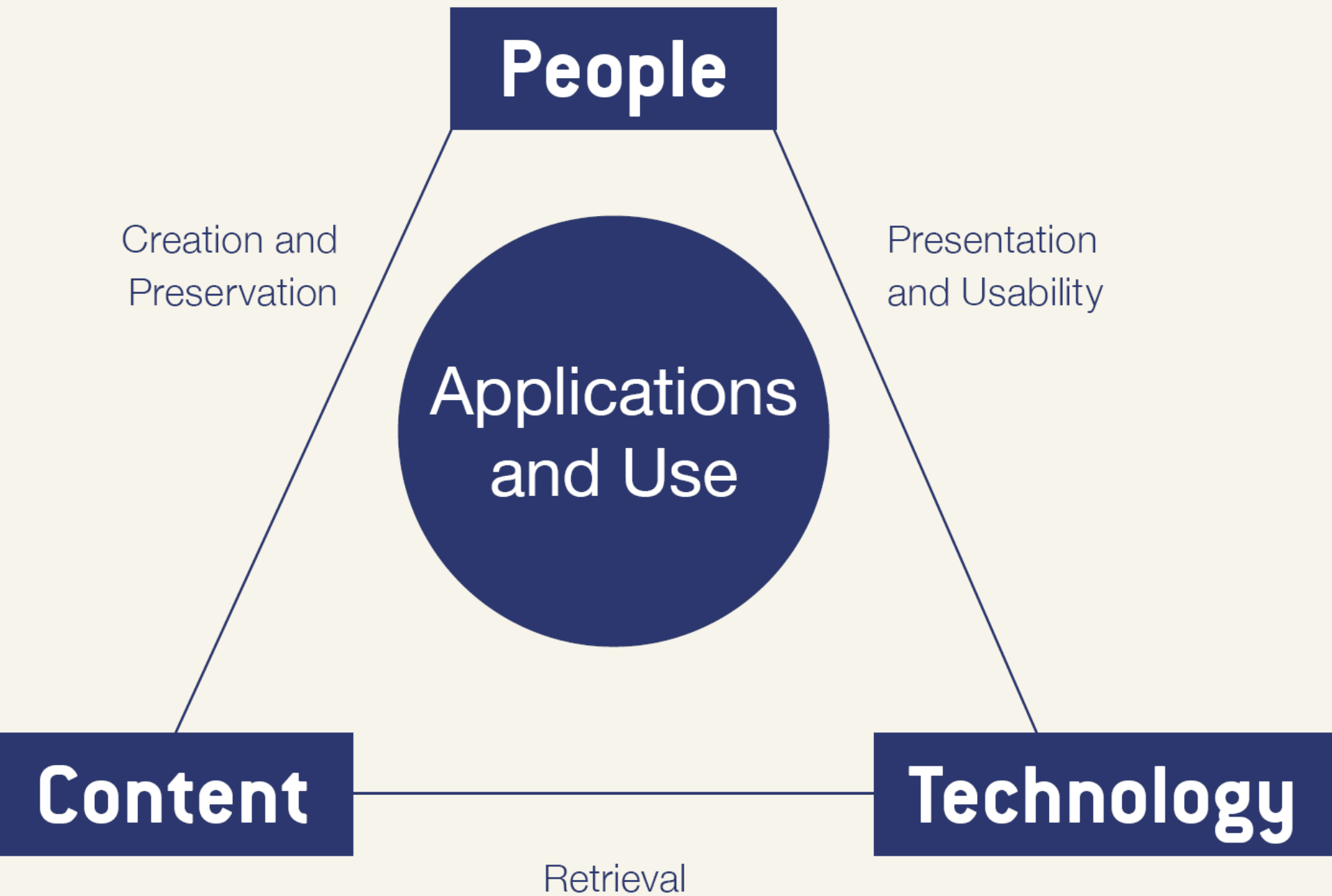
- 2011 – 14th symposium
 - Cape Town, S. Africa, in Sept.-Oct. time frame
- 2012 – 15th symposium
 - Lima, Peru, June 13-15
- 2013 – 16th symposium
 - Bidding still open ... ☺

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- Acknowledgements
- **Digital Libraries**
 - www.dlib.org
 - **ACM/IEEE-CS JCDL / ICADL 2010 (Australia)**
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Information Life Cycle





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The Networked Digital Library of Theses and Dissertations

www.NDLTD.org

Advocate:

Training Authors

Expanding Access

Preserving Knowledge

Improving Graduate Education

Enhancing Scholarly Communication

Empowering Students & Universities

Leader of the Worldwide ETD

(Electronic Thesis and Dissertation) Initiative

Mission

- The Networked Digital Library of Theses and Dissertations (NDLTD) is an international organization that, through leadership and innovation, promotes the adoption, creation, dissemination, use, and preservation of electronic theses and dissertations (ETDs).
- The NDLTD encourages and supports the efforts of institutions of higher education & their communities
- to advance and apply electronic publishing & digital libraries (including repositories), thus enabling them
- to share knowledge more effectively in order
- to unlock the potential benefits worldwide.

Goals (1)

- To be the leading international institution for promotion of ETDs worldwide.
- To expand Open Access to ETDs.
- To provide and encourage use of innovative services, resources, standards, and technology for the development of ETD programs.
- To sponsor and co-sponsor ETD-related events regionally and globally.

Goals (2): Through those activities

- Institutions of higher learning will develop their own ETD programs by adopting the submission, collection, and archiving of electronic theses and dissertations, to their own and to international digital libraries & repositories.
- Institutions of higher education and their communities will become aware of the benefits of ETDs, including:

Goals (3): benefits:

- facilitation of the writing process for students
- increased speed and effectiveness of sharing / distribution of research methods and results
- through advances in electronic publishing and archiving, leading to
- improved graduate education and scholarship
- and
- reduced costs of ETD printing, processing, dissemination, storage, and preservation.

NDLTD Incorporation

- Networked Digital Library of Theses and Dissertations
- incorporated May 20, 2003 in Virginia, USA
- Charitable and educational purposes
(501 c 3)

Board of Directors

- Suzie Allard (U. Kentucky; ETD 2004)
- Julia C. Blixrud (ARL)
- Tony Cargnelutti (ETD 2005, Sydney)
- Vinod Chachra (VTLS)
- Birte Christensen-Dalsgaard (Royal Library, Denmark)
- William Clark (Ohio State U.)
- Bruce Cochrane (Miami U. Ohio)
- Edward A. Fox (Executive Director, Virginia Tech; ETD 1999)
- John H. Hagen (West Virginia U.; ETD 2009, Pittsburgh)
- **Iryna Kuchma (eIFL.net)**
- Joan K. Lippincott (CNI)
- Austin McLean (Treasurer, Proquest)
- Gail McMillan (Secretary, Virginia Tech)
- **Elsabe Olivier (U. Pretoria, S. Africa)**
- Ana Pavani (PUC Rio, Brazil)
- Max Read (U. British Columbia)
- Sharon Reeves (Library and Archives of Canada; ETD 2006, Quebec City)
- Peter Schirmbacher (Humboldt; ETD 2003, Berlin)
- Nancy Seamans (Georgia State U.)
- Shalini R. Urs (U. Mysore, India)
- Eric F. Van de Velde (ETD 2001, Caltech)

NDLTD Committees (Chairs)

- Awards (John Hagen)
- Communications (Julia Blixrud)
- Conferences (Sharon Reeves)
- Executive (Ed Fox)
- Finance (Austin McLean)
- Membership (Eric Van de Velde) – Please **JOIN!!!**
- Nominating (Vinod Chachra)
- Working Groups
 - ETD Guide Revision, Mentoring, Strategic Planning, Website Revision

Members, Community

- Individuals
- Universities
- Consortia

- Investigate the Possibility
- Pilot -> Requirement
- Richer ETDs (multimedia, data sets)
- Backfile conversion, Preservation
- Mentoring, Innovating

Member Support

- Advocacy for ETD activities
- Annual conference, regional events
- ETD-L – listserv for discussion
- Union catalog: improving local data
- Information for ETD projects
 - Standards, documentation, best practices
- Connect with: institutional repositories, ...

Union catalog: OCLC

- OCLC runs OAI data provider on TDs, getting data from WorldCat (many sites!).
- Harvests from all others who contact them (see Thom Hickey, hickey@oclc.org).
- Need DC and either ETD-MS or MARC.
- Need a set for ETDs, or separate data provider. TOTAL > 1.5 million
- Supports services by VTLS, Scirus, ...

- JOIN NDLTD
- SUBSCRIBE
- RELATED LINKS
- ETDS IN THE NEWS
- CONTACT NDLTD
- ADMIN LOGIN
- GO TO OTHER LANGUAGE:
Select Language

Scirus ETD Search

This search service is provided courtesy of **Scirus**, based on data harvested from the Union Archive hosted by OCLC.

Basic Search

Query : powered by **SCIRUS**

Advanced Search

All of the words in

AND

All of the words in

AND

All of the words in

Only show results published between

and

Only show results in

- | | |
|---|--|
| <input checked="" type="checkbox"/> All subject areas | <input type="checkbox"/> Agriculture and Biological Sciences |
| <input type="checkbox"/> Astronomy | <input type="checkbox"/> Chemistry and Chemical Engineering |
| <input type="checkbox"/> Earth and Planetary Sciences | <input type="checkbox"/> Economics, Business and Management |
| <input type="checkbox"/> Engineering, Energy and Technology | <input type="checkbox"/> Environmental Sciences |
| <input type="checkbox"/> Languages and Linguistics | <input type="checkbox"/> Law |
| <input type="checkbox"/> Life Sciences | <input type="checkbox"/> Materials Sciences |
| <input type="checkbox"/> Mathematics | <input type="checkbox"/> Medicine |
| <input type="checkbox"/> Neuroscience | <input type="checkbox"/> Pharmacology |
| <input type="checkbox"/> Physics | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Social and Behavioral Sciences | <input type="checkbox"/> Sociology |

Only search in the following collection

- ETDs The Scholarly Web

Spirit of NDLTD

- Help make a better (smaller) world
- Win-win-win (everyone can benefit)
- Have fun helping others
- Helpers/teachers learn more than those they work with
- Build on standards
- ETDs are preservable, popular, expressive, “better”
- Doable, feasible, learnable, affordable, sharable
- Please join/support NDLTD!

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Recent and Future Work

- Europe
- Latin America (plus Australia, Texas, ...)
- OAI
- Preservation (LOCKSS, MetaArchive)
- Metadata: Update ETD-MS
- Other Future Services and Enhancements

DART-Europe E-theses Portal

- Partnership of European research organisations founded in 2005
 - 17 countries, 28 languages, 270 institutions
- Over 157,000 full text theses, dating from 1597
- Close liaison with the NDLTD
- Portal managed by UCL (University College London) on behalf of the partners
- DART-Europe partnership has no external funders

<http://www.dart-europe.eu> (s.copeland@rgu.ac.uk)

Latin America (Ana Pavani)

- NUMBERS OF ETDS:
- Bolivia – about 100
- Brazil – over 138,000
- Chile – almost 8,000
- Colombia – 83
- Mexico – over 6000??
- Peru – over 3,400
- Venezuela – over 100?

OAI - Open Archives Initiative

- Advocacy for interoperability
- Standard for transferring metadata among digital libraries
 - Protocol for Metadata Harvesting (PMH)
 - Simplicity
 - Generality
 - Extensibility
- Support for PMH => Open Archive (OA)

LOCKSS, MetaArchive

- Lots of copies keep stuff safe
- Stanford (Vicky Reich)
- Initial content: journals
- Set of publisher manifests (information providers)
- Set of storage systems (archival storage)
- 2005 proof of concept inside USA
- 2006 proof of concept for international members
- Who wants to join to extend (w. MetaArchive)?
- Preservation Workshop: Gail McMillan

ETD-MS

- **ETD Metadata Standard**
 - XML-encoded metadata standard (content and encoding) for Electronic Theses and Dissertations (ETDs)
 - in part conforming to Dublin Core (DC)
 - using RDF
 - using UNICODE
- **With specified relationship to MARC**
- **Updated, testing, and documenting**

Future Work – 1 of 3

- Build Collection
 - Add in page images of back files or at least bib records (retrospective)
 - Expand from dissertations to theses to undergrad theses (to reports to e-portfolios)
 - Cover all universities in every region, every country
- Build Community: local, national, regional
 - Second Life version of Poster Session

Future Work – 2 of 3

- Promote richer use of ETDs
 - Collaborate with Google, ...
 - Support students so have DOIs, resolved references, citing passages, separate CVs
 - Support cross language, multilingual, image & multimedia search/browse
 - Summarization and support for discovery
 - Browsing after classifying

Future Work – 3 of 3

- Enhance services for students
 - Help students with electronic submission, e-pub, multimedia, hypermedia, electronic data sets, electronic lab notebooks
 - Support students with annotations, threaded discussions, recommenders, social networking
 - Support work with early versions of ETDs for collaboration, with limited access and chat groups, mentoring, external committee members
 - Encourage submission of PPT, video of defense (or a rerun)

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- Questions and Comments?
- <http://fox.cs.vt.edu/talks/2010/>

Keynote Address

Seven Channels of Change

Dr. Larry Johnson, CEO
The New Media Consortium

Background

- Wikipedia: born in Corpus Christi; futurist, author, and educator
- faculty, dean, senior executive, and president
- areas of: distance learning, strategic planning, and institutional effectiveness
- NMC is an international consortium of hundreds of universities, colleges, museums, research centers, and technology companies.

Recent Talks

- Why Creativity Matters
- Online Virtual Worlds: Applications and Avatars in a User-Generated Medium (April 1, 2008 testimony for US Congress)
- Collective Intelligence (<http://www.youtube.com/watch?v=4t5Wu3LDXxA>)
- Machete Guys – trail makers, studying emerging technologies – for teaching, learning, and research

Virginia Tech NMC

- My Multimedia class spends 1 week of class sessions, plus much project time
- They have provided IT support, training for grad students, from 1996
- Walk in facility for students, faculty, staff, and even the general public
- Even active in Second Life !

Testimonials

- Ed Schwartz (VT's Innovation Space)
 - ... Larry is a good friend and the InnovationSpace is still closely connected to the New Media Consortium.
 - Larry has been a great visionary and continues to keep the NMC looking forward.
 - Please give him our regards from Virginia Tech.
- James Dustin
 - I just saw him speak this morning at the opening of the national NMC conference.