Introduction to USETDA and Brief History of the ETD Movement

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– Notes provided with permission from Edward Fox, Professor
– Va Tech / Executive Director – NDLTD
Outline

- Acknowledgements
- Digital Libraries
- NDLTD
- USETDA
- Background for Future Work
- Summary
Acknowledgements

- All those working with ETDs
- NDLTD, USSETDA including Board, Committees, and Members
- USSETDA 2016 Conference Organizing Committee
- Sponsors
- Presenters, Attendees
Acknowledgements (2): Mtgs

- 1987 mtg in Ann Arbor: UMI, VT, ...
- 1992 mtg in Washington: CNI, CGS, UMI, VT and 10 univ's
- 1993 mtg in Atlanta to start Monticello Electronic Library
- 1994 mtg at VT: std: PDF + SGML + multimedia objects
- 1996 mtg w. funding by SURA, US Dept. of Education(FIPSE)
- 1997 meetings in UK, Germany, ...
Acknowledgements (3): Mtgs

- 1998 – 1st symposium – University of Tennessee / Memphis, TN (20)
- 1999 – 2nd symposium – Virginia Tech / Blacksburg, VA (70)
- 2000 – 3rd symposium – University of South Florida / St. Petersburg, FL (225)
- 2001 – 4th symposium – Pasadena, CA / Caltech University (200)
- 2002 – 5th symposium – Brigham Young University / Provo, Utah
- 2003 – 6th symposium – Humboldt University / Berlin, Germany (215)
- 2004 – 7th symposium – University of Kentucky / Lexington, Kentucky
- 2005 – 8th symposium – University of New South Wales / Sydney, Australia
- 2006 – 9th symposium – Laval University / Quebec City, Canada
- 2007 – 10th symposium – Uppsala University / Uppsala, Sweden
- 2008 – 11th symposium – Robert Gordon University / Aberdeen, Scotland
- 2009 – 12th symposium – University of Pittsburgh, West Virginia University / Pittsburgh, PA
- 2010 – 13th symposium – University of Texas / Austin TX
- 2011 – 14th symposium – University of Cape Town / Cape Town, South Africa
- 2012 – 15th symposium – San Marcos University / Lima, Peru
- 2013 – 16th symposium – University of Hong Kong / Hong Kong
- 2014 – 17th symposium – University of Leicester / Leicester, UK
- 2015 – 18th symposium – Jawaharlal Nehru University, New Delhi, India
- 2016 – 19th symposium – University of Lille, Lille, France
Outline

- Acknowledgements
- **Digital Libraries**
  - Including ePrints, DSpace, Fedora
  - Including (institutional) repositories
  - Incl. Content/Courseware Management Systems
  - Personal -> Group -> Publisher -> Global
- NDLTD
- Background for Future Work
- Summary
OA IRs

The Tree of Life links all species on Earth through a shared evolutionary history. Are you interested in how the immense diversity of life on earth (1.8 million species) evolved from a single life form that originated about 4 billion years ago? Want to learn about different species? Come work, learn and explore!
Library Publishing Redux: An Unprecedented Example of a Scholar/Library/Publisher Partnership

This month sees the publication of a book that represents an unprecedented example of library-author-publisher collaboration. While trying to avoid any blatant promotion of the book itself, I would like to discuss the origins and some of the implications of the collaborative project, which I believe are significant.

Before I begin, several disclosures are in order: first and most obviously, the University of Utah’s J. Willard Marriott Library is my employer. Second, Allyson Mower reports to me in her role as Scholarly Communications and Copyright Librarian here in the library. Third, David Crotty (our Editor in Chief here in the Scholarly Kitchen) is an employee of Oxford University Press, though not directly connected with their books program.

With those notices out of the way, let me explain the genesis of this project and why I think it’s so exciting and potentially important.
Digital Libraries (DLs) -- Objectives

- World Lit.: 24hr / 7day / from desktop
- Ubiquitous
- Integrated “super” information systems
- Usable, Useful
- Higher Quality, Lower Cost
- Education, Knowledge Sharing, Discovery
- Disintermediation -> Collaboration
- Universities Reclaim Property
- Interactive Courseware, Student Works
Digital Library Content

Content Types

- Text Documents
  - Articles, Reports, Books
- Video Audio
- Geographic Information
- Software, Programs
- Bio Information
- Images and Graphics
  - Genome Human, animal, plant
  - 2D, 3D, VR, CAT
  - Models Simulations
  - (Aerial) Photos
DLs Support Many User Roles

- Students
- Readers
- Teachers
- Researchers
- Advisors
- Learners
- Librarians

Digital Library
Information Life Cycle (adapted)

Active

Authoring
Modifying
Using
Citing
Downloading
Discovering
Filtering
Distributing
Networking
Storing
Retrieving

Semi-Active

Classifying
Tagging
Recommended
Indexing

Inactive

Retention
Mining

Utilization

Searching

Borgman et al. 1996
http://is.gseis.ucla.edu/research/dig_libraries/
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ND LTD: www.ndltd.org

- N D Ltd or Noodle TD

- Vision: Every thesis and dissertation in the world is:
  - Devised to take advantage of the most helpful electronic publishing methods
  - Shared globally and easily found
  - Supported by a suite of digital library services to aid authors, researchers, learners, universities
  - Preserved and migrated permanently
What are we doing?

- Aiding universities to enhance graduate education, publishing, and Intellectual Property Rights efforts
- Helping improve the availability and content of theses and dissertations
- Educating ALL future scholars so they can publish electronically and effectively use digital libraries (i.e., are Information Literate and can be more expressive)
ELECTRONIC THESSES AND DISSERTATIONS
A Sourcebook for Educators, Students, and Librarians

by

Edward Fox  Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA
Shahrooz Feizabadi  Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA
Joseph M. Moxley  University of South Florida, Tampa, Florida, USA
Christian R. Weisser  Harriet L. Wilkes Honors College, Florida Atlantic University, Jupiter, Florida, USA


Examining how electronic publication of theses and dissertations may enhance graduate education, this text clarifies the composition, evaluation, dissemination, and preservation of electronic theses and dissertations (ETDs)—providing a conceptual framework for the development of effective ETD programs and identifying the main technical concerns related to the adoption of ETD initiatives. This volume contains answers, techniques, and methods that have proven effective in the longest-running library-group support effort for campus ETDs. Helping graduate students, research mentors, and librarians ease students through the transition from paper to electronic theses and dissertations, this text

- Addresses seven key questions that students often face when considering an ETD
- Studies how institutions are providing technical support and offering digitized versions of theses and dissertations
- Provides case study examples of how ETDs have evolved through the influence of new technologies and institutional efforts
- Analyzes currently utilized technologies for the publishing and maintenance of ETDs
- Examines strategies currently in use by universities for handling of copyright issues
- Discusses the best methods for cataloging ETDs to ensure that they can be easily found

Presenting studies by leading figures in the ETD community, *Electronic Theses and Dissertations* is a must-have guide for all
Mission Statement

Welcome to the Networked Digital Library of Theses and Dissertations (NDLTD), an international organization dedicated to promoting the adoption, creation, use, dissemination, and preservation of electronic theses and dissertations (ETDs). We support electronic publishing and open access to scholarship in order to enhance the sharing of knowledge worldwide. Our website includes resources for university administrators, librarians, faculty, students, and the general public. Topics include how to find, create, and preserve ETDs; how to set up an ETD program; legal and technical questions; and the latest news and research in the ETD community. More »

Thesis Resources

For Researchers: Resources to find available open-access electronic theses and dissertations.

For Authors and Thesis Advisors: Resources to build a multimedia thesis, to promote research using open-access repositories, and to inform about copyright and publishing issues.

For Librarians, Academic Managers, and Faculty: Resources to set up and manage an open-access repository for theses.

Share your questions, comments, and ideas with the ETD community on the ETD Forum.

Please e-mail suggestions for additional thesis resources to admin@ndltd.org.

News

USETD 2014 Conference – Registration Open

The US ETD Association will hold their 4th annual conference September 24-26, 2014, at the Rosen Plaza Hotel in Orlando, Florida. USETD 2014 Conference are an excellent educational opportunity for...

Posted Jul 28, 2014, 10:42 PM by John Hagen

ETD 2014 Symposium

ETD 2014 Symposium

OpenCon 2014 – student and early career researcher conference on Open Access, Open Education, and Open Data

OpenCon 2014 is the student and early career researcher conference on Open Access, Open Education, and Open Data and will be held on November 15-17, 2014 in Washington, DC...

Posted Jul 28, 2014, 8:26 PM by John Hagen


Electronic Theses & Dissertations (ETD) is the key international conference for the dissemination of research, and an essential resource for academic and...
ETD Management Resources

Source: http://www.ndltd.org/resources/manage-etds
NDLTD Incorporation

- Networked Digital Library of Theses and Dissertations incorporated May 20, 2003 in Virginia, USA
- Charitable and educational purposes - 501 (c3)
- Officers (now)
  - Executive Director (Ed Fox)
  - Secretary (Gail McMillan)
  - Treasurer (Austin McLean)
Global ETD Search

Search the 4,070,987 electronic theses and dissertations contained in the NDLTD archive:

Type something to start searching...

Advanced search tips

The archive supports advanced filtering and boolean search.

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Effect</th>
</tr>
</thead>
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<td>where the subject includes the word &quot;visualisation&quot;</td>
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<td>where the title includes the word &quot;computer&quot;</td>
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<td>where the creator (author) is &quot;Hussein, Suleman&quot;</td>
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<tr>
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<td>where the language is &quot;english&quot;</td>
</tr>
<tr>
<td>apples AND bananas</td>
<td>that contain both &quot;apples&quot; and &quot;bananas&quot;</td>
</tr>
<tr>
<td>apples NOT bananas</td>
<td>that contain &quot;apples&quot; and do not contain &quot;bananas&quot;</td>
</tr>
</tbody>
</table>

Source: http://search.ndltd.org/#
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- Acknowledgements
- Digital Libraries
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USETDA

- Founded 2009
- USETDA is a 501 (c3) non-profit charitable and educational organization.

**Mission**

- to support ETD professionals and ETD programs in the U.S. by enabling and encouraging the establishment of state-wide ETD associations, linking individuals and associations
- developing and disseminating information of importance,
- increasing educational services to ETD programs
- increasing ETD program productivity and cost savings
- supporting the expansion of the NDLTD and other international ETD initiatives.
www.usetda.org/
USETDA

- Annual Conferences
  - USETDA 2011 – Orlando, Florida
  - USETDA 2012 – Boston, Massachusetts
  - USETDA 2013 – Claremont, California
  - USETDA 2014 – Orlando, Florida
  - USETDA 2015 – Austin, Texas
  - USETDA 2016 – Columbus, Ohio
USETDA

- Member Benefits
  - Advanced access to USETDA communications (listserv, news announcements and special promotions)
  - Professional and community resources
  - Discounts to USETDA venues
  - Networking opportunities through conferences and workshops and state associations
  - Access to advanced up-to-date US ETD information
  - Acknowledgement as an official USETDA Supporter
Outline

- Acknowledgements
- Digital Libraries
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- **Background for Future Work**
- Summary
Background for Future Work

- Electronic Publishing
- Computer Literacy/Fluency -> Computational Thinking
- Scholarly Communication
- Open Access
- Institutional Repositories
- Open Archives Initiative (OAI)
OAI – Black Box Perspective
The World According to OAI

Service Providers
- Discovery
- Current Awareness
- Preservation

Data Providers

Metadata harvesting
Summary

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Why ETD? Short Answer

- **For Students:**
  - Gain knowledge and skills for the Knowledge Society
  - Richer communication (digital information, multimedia, …)

- **For Universities:**
  - Easy way to enter the digital library field and benefit thereby (“no brainer” entrée into institutional repositories)

- **For the World:**
  - Global digital library – large, useful, many services

- **General:**
  - Save time and money
  - Increased visibility for all associated with research results
Questions? Discussion? Recommendations?

Thank You!

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