Establishing Technical, Administrative and Legal Consolidation of Non-Published & Near-Published Research: The Florida State University Experience

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Additional Authors
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- **Florida State University** – Tallahassee, FL USA
  - Characteristics
    - Enrollment – 38,886 students
    - Graduate Enrollment – 7,466
    - Faculty – 2,191
    - Carnegie Doctoral/Research Extensive University
    - ETD Pilot 2002-2003 Academic Year
    - ETDs Required Fall 2003 (Open Access)
      - 14,764 ETDs Available
      - 450 New ETDs Per Year
FSU Non and Near Published Research
(Open Access Publications)

• Dissertations 1952 – 1987
• Pre-1952 Theses
• Theses and Dissertations 2003-Present
• Honors Theses 2004-Present
• Research
  – Oceanography Reports
FSU Systems to Support ETDs

- ETD-db – Submission and Access
- JHOVE – Preservation Metadata
- OAI Provider - Sharing
  - ETD-oai
  - UIUC OAI Broker
- DC to MARC Converter - Access
- LOCKSS - Preservation
Collaborative Model

- Statewide Collaboration
  - CSUL DDAC – ETD Initiative
- Regional Collaboration
  - ASERL LOCKSS-ETD Initiative
- National Collaboration
  - NDIIPP MetaArchive Partnership
- International Collaboration (See Session 10)
  - ETD-IPN (International Preservation Network) Initiative
FSU Digital Library Reference Model

Individual DL Access Points

DL 1  DL 2  DL 3

Virtual Collections

DL COLLABORATION HUB

Protocols  Identifiers  Mappings  Discovery

Dissemination Layer

Collab Interface  CMS Interface  OAI Broker  Enriched Discovery Tool
A System to Support ETDs+

- Wanted support for XML and XSTL
- Wanted support for JHOVE or something like it for Technical Preservation Metadata
- Wanted Full-Text Search for ETDs
- Wanted OAI Capability
- Wanted compatibility for several MD Standards
  - FSUMD
  - METS
  - EAD
  - MARC
- Needed Self-Submission for Authors and Others
OAIS Reference Model

SIP = Submission Information Package
AIP = Archival Information Package
DIP = Dissemination Information Package

From Reich and Sawyer 1999
Evaluating DL Systems

- D-Space
- Greenstone
- Fedora
- Content DM
- Encompass
- Estimated Customization Costs was the Open Source Killer for FSU
  - $180,000
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<td>Ehlmann, Byrn K</td>
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A STUDY OF THE NUCLEAR SELF-CONSISTENT FIELD PROBLEM AND THE USE OF SLATER TYPE NUCLEAR WAVE FUNCTIONS

SWAMY, INYAYAPATHI VENKATA VYKUNTHA JAGANNADHA

Physics, Nuclear


Thesis (Ph.D.)–The Florida State University, 1958.

Florida State University Libraries

Related collections

FSU Dissertations 1962-1997

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Why OAI is Important for FSU?

• LOCKSS
  – ASERL LOCKSS-ETD Preservation Program
  – ETD-IPN (International Preservation Program)

• FSU Working with PKP Open Archives Harvester for Specialty ETD Searches.
AN INVESTIGATION OF THE PROBLEM-SOLVING STRATEGIES USED BY SECONDARY MATHEMATICS TEACHERS TO SOLVE PROPORTIONAL PROBLEMS

Purpose. This exploratory case study investigated the problem-solving strategies used by secondary mathematics teachers to solve and teach word problems conducive to proportional solutions.

Method. In individual interviews 20 randomly selected teachers described their thinking as they (1) solved four problems, two depicting direct relationships and two inverse; (2) explained how they would teach two of the problems; and (3) solved four similar problems after being asked to use proportional approaches. Responses were categorized using an eight-category classification scheme. Three categories are proportional--proportion formula (a/b = c/d form), proportion strategy (correct strategies which research indicates secondary students prefer to the formula) and proportion attempt (an incorrect use of proportion). The remaining categories are no answer, intuitive, additive (a focus on difference rather than ratio which is a common error of secondary students), algebraic (a correct equation other than the proportion formula), and Other.

Findings. On the first task, 71% of the responses were correct. Performance was almost perfect on the direct items; only half the responses to the inverse items were correct. There was no significant change in performance when teachers attempted to use proportional strategies. Middle school teachers were less successful than high school teachers, chiefly due to difficulties with the inverse items. When simply asked to solve the problems, the teachers used a variety of strategies which tended to vary with the problem: algebra accounted for one-fourth
Fulltext Search of Theses

- Fulltext indexing of any textual object
  - PDF, DOC, TXT, HTML, etc.
- Roman and non-Roman metadata
- Roman and non-Roman fulltext alphabets
- Fulltext indexing on both Local or Remote objects (storage)
- User option to search metadata, fulltext, or both
- Passthrough of fulltext search to Adobe
- Third search box now available
**Fulltext Search of Theses: Non-Roman Metadata**

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Transcript

INTERVIEW WITH GENERAL MAXWELL D. TAYLOR, CHIEF OF STAFF, U. S. ARMY. BY SENATOR KERR OF OKLAHOMA.

ROOM T-42, BASEMENT OF SENATE WING, CAPITOL BUILDING.

THURSDAY, JULY 20, 1955 - 3:14 P.M. (1955)

SENATOR KERR: I have with me in the studio today one of the nation's distinguished soldiers, General Maxwell Taylor, the new Chief of Staff of the United States Army. He has just recently returned from Japan to take over this new post and over in Japan he was our Commander-in-Chief in the Far East and Commander-in-Chief of the United Nations Command. A West Point graduate, General Taylor, although only 53 years of age, has had a long and distinguished career as a soldier, diplomat, field commander, linguist, and educator.

After WW II (sic) he returned to the United States to serve as the Superintendent of our great military academy at West Point. General Taylor, I would be very happy if you would kind of acknowledge here that I haven't gone too far afield in claiming you as an Oklahoman.

GENERAL TAYLOR: Senator, I'm very proud to be claimed as an Oklahoman.

As a matter of fact my parents, Mr. and Mrs. John M. Taylor, have been citizens of your state for many years, living in both Muskogee and now in Oklahoma City.

http://www.lib.fsu.edu/dlmc
Support for EADs and Other Structured XML: XSLT1
Support for EADs and Other Structured XML: XSLT2
Support for EADs and Other Structured XML: XSLT3

Thomas J. Dodd Papers
Series III: Administrative and Legislative Files

Finding aid prepared by Jeffrey D. Bass.

Archives & Special Collections at the Thomas J. Dodd Center
406 Babidge Road, Unit 1206
Storrs, Connecticut 06269-1205

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http://www.lib.fsu.edu/dlmc
Consolidation Update

- ETD Consolidation
  - $\frac{3}{4}$ now available in digitool
    - cross searchable – oai available
- Fall 2006
  - Honors Theses in DT
  - EADs in DT
  - Oceanography Reports
QUESTIONS