

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

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# ETDs@FSU

- **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



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# 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



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# 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



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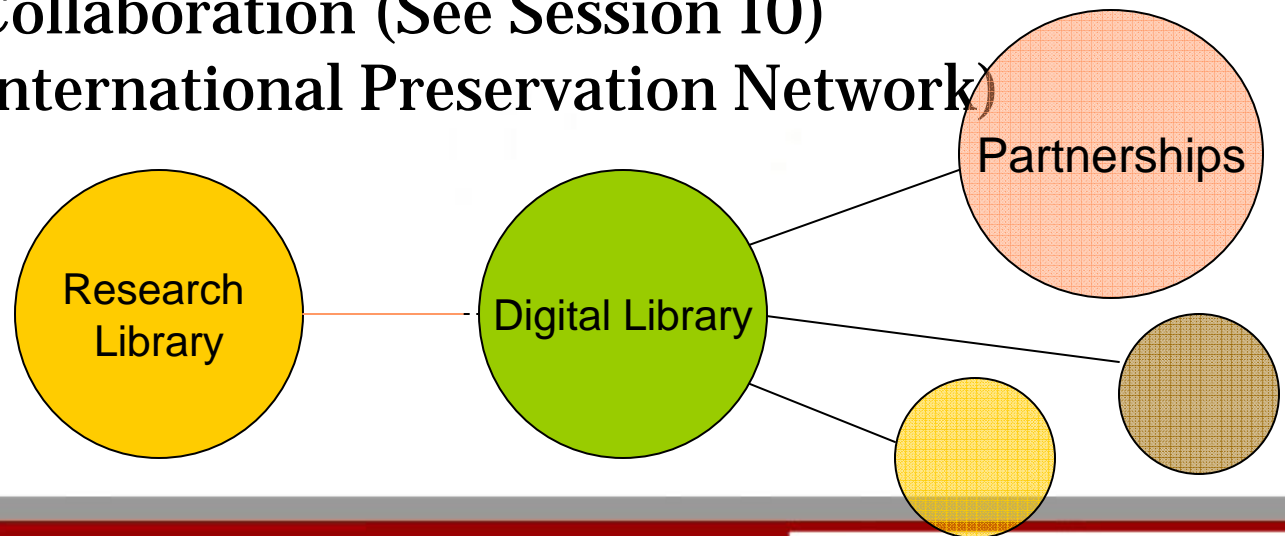
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# Collaborative Model

- 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

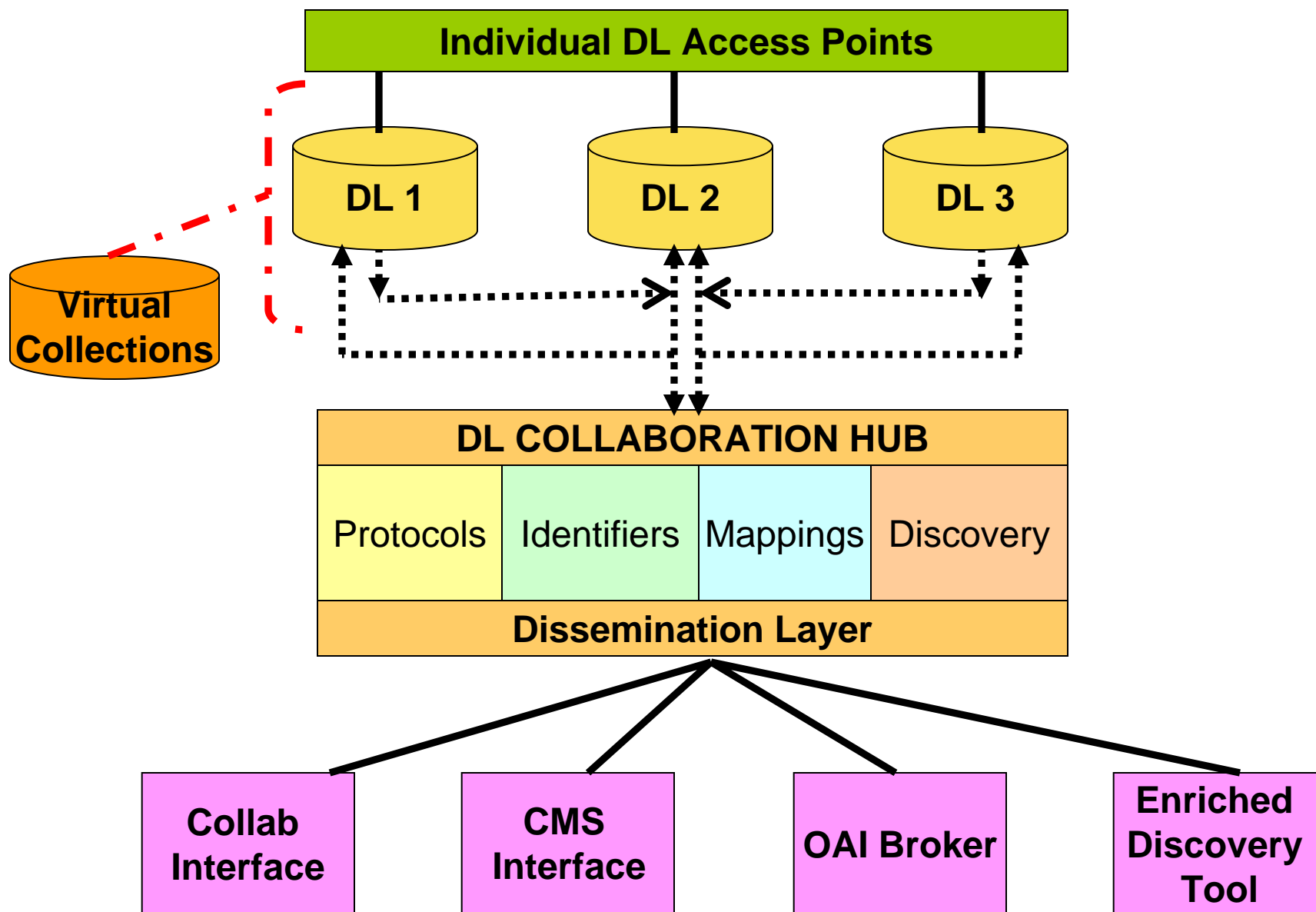


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# FSU Digital Library Reference Model



# 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

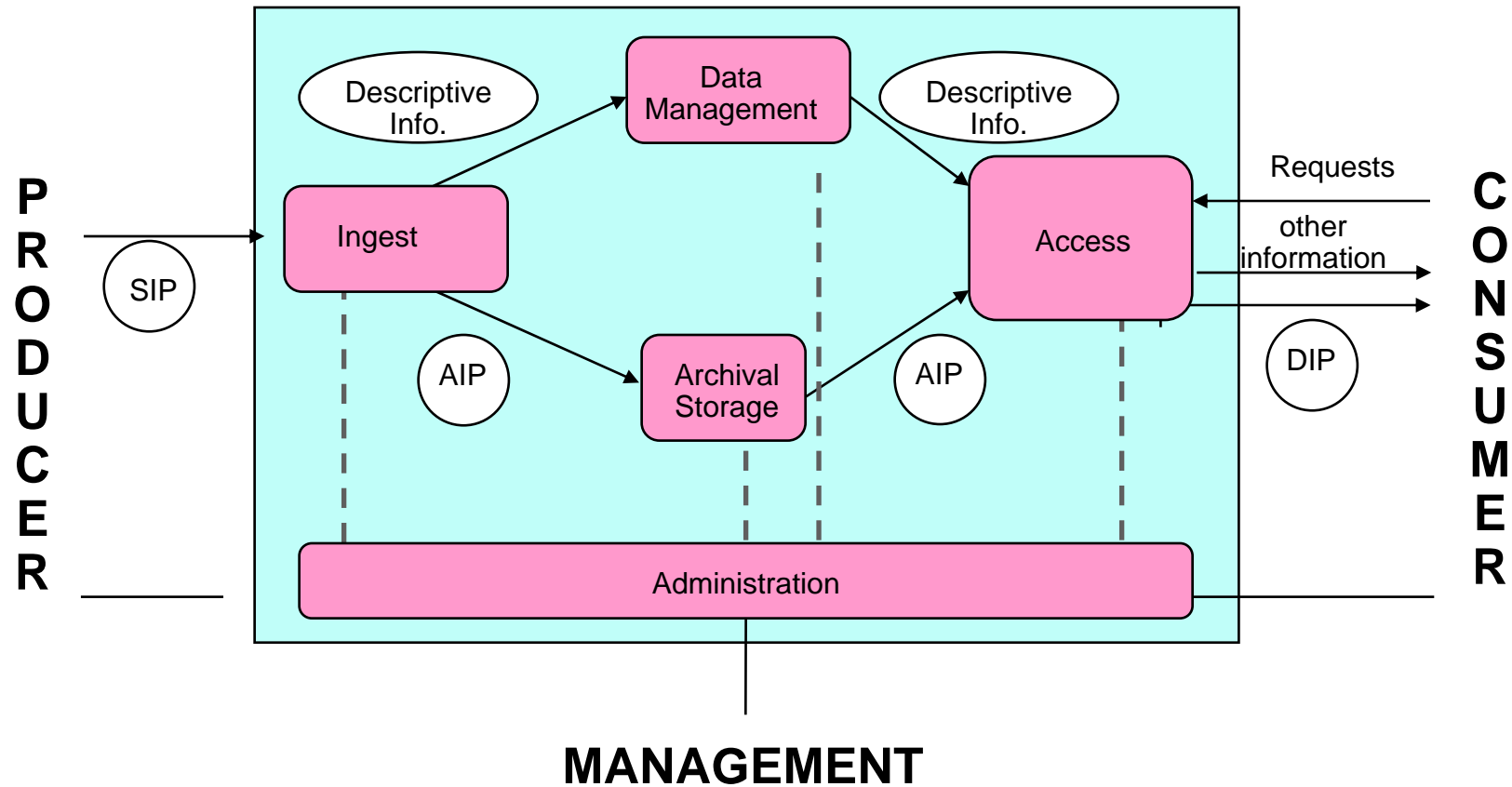


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# OAIS Reference Model



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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FSU Libraries (FTaSU) DigiTool - Search - Mozilla Firefox


FileEditViewGoBookmarksToolsHelp


←→↺ⓧ🏠

http://digitool3.lib.fsu.edu:8881/R?RN=512010963

Go

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Digital Library Center

digital asset management

Search | Results | Previous Searches | Search Bases | My Space

🌐🔒🔍?

Guest

Simple SearchAdvanced Search

Select collection:General

GO

A word or phrase:

☒ Contains☐ Exact☐ Starts With

# Collections

Digitized Juvenile Literature (47)

FSU Historic Early Theses Collection (830)

FSU Special Collections Inventories (0)

FSU Dissertations 1952-1997 (9076)

FSU Historical Photograph Collection (2664)

FSU Heritage Protocol Collection (10)

FSU History and Heritage Collection (0)  
FSU "Flying High" Circus 1949-1963

© 2005 Ex Libris

Done



Search 'W-All Words= nuclear physics' in 'General Silo' Collection [ Sorted by: Ranking ]







Refine

Brief view Table view Full view

Sort by: Ranking

Records 1-20 of 171

1 2 3 4


- 1  **Applying an object-oriented database model to a scientific database problem: Managing experimental data at CEBAF**  
Ehlmann, Bryon K  
Computer Science
- 2  **STRUCTURE AND SCATTERING IN NUCLEAR PHYSICS**  
ADAMS, JERRY LEE  
Physics, Nuclear
- 3  **Measurement of low lying states in boron-9**  
Tiede, Mark Allen  
Physics, Nuclear
- 4  **Identical bands in tantalum-177 and high spin states of ytterbium-170 and ytterbium-171**  
Archer, Daniel Edward  
Physics, Nuclear
- 5  **A relativistic potential model of proton scattering spin observables**  
Hoffman, Jonathan Howard  
Physics, Nuclear
- 6  **Pion-nucleus single charge exchange induced by stopped negative pions**  
Nair, Ramesan  
Physics, Nuclear

FSU Libraries (FTaSU) DigiTool - Results - Full - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

[←](#) [→](#) [↺](#) [✕](#) [🏠](#)
<http://digitool3.lib.fsu.edu:8881/R/8HX52422JV23X41AV2Y9MIVBP93VDMH9HUCVTU1MP5PF9U253B-00108?func=results-jur>
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[🌐](#) [🔒](#) [🔍](#) [?](#)

Guest  
[Refine](#)

Search 'W-All Words= nuclear physics' in 'FSU Dissertations 19' Collection [ Sorted by: Ranking ]


[Brief view](#) [Table view](#) [Full view](#)


Sort by: Ranking

Record 2 of 7


[🔍](#) [1](#) [2](#) [3](#) [4](#) [5](#) [🔍](#)

[🔄](#) [📄](#) [✉](#) [🛒](#)



<b>Object</b>	 A STUDY OF THE NUCLEAR SELF-CONSISTENT F... - PDF Document (2 M)
<b>Record number</b>	000001849
<b>Title</b>	A STUDY OF THE NUCLEAR SELF-CONSISTENT FIELD PROBLEM AND THE USE OF SLATER TYPE NUCLEAR WAVE FUNCTIONS
<b>Creator</b>	SWAMY, NYAYAPATHI VENKATA VYKUNTHA JAGANNADHA .
<b>Subject</b>	Physics, Nuclear
<b>Description</b>	Source: Dissertation Abstracts International, Volume: 19-03, page: 0553.
<b>Description</b>	Thesis (Ph.D.)—The Florida State University, 1968.
<b>Publisher</b>	Florida State University Libraries
<b>Related collections</b>	> <a href="#">FSU Dissertations 1952-1997</a>

# Why OAI is Important for FSU?

- LOCKSS  **ETD LOCKSS**
  - ASERL LOCKSS-ETD Preservation Program
  - ETD-IPN (International Preservation Program)
- FSU Working with PKP Open Archives Harvester for Specialty ETD Searches.



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http://digitool3.lib.fsu.edu:8881/OAI-script?verb=ListRecords&metadataPrefix=oai\_dc&set=GEN01:1 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Reload Print Mail New Tab

Address http://digitool3.lib.fsu.edu:8881/OAI-script?verb=ListRecords&metadataPrefix=oai\_dc&set=GEN01:1004 Go Links

Google Search 0 blocked Check AutoLink AutoFill Options

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  <responseDate>2006-06-05T00:18:06Z</responseDate>
  <request verb="ListRecords" metadataPrefix="oai_dc" set="GEN01:1004">http://digitool3.lib.fsu.edu:8881/OAI-script</request>
- <ListRecords>
- <record>
  - <header>
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    <timestamp>2006-03-09</timestamp>
    <setSpec>GEN01</setSpec>
    <setSpec>GEN01:1004</setSpec>
  </header>
- <metadata>
  - <oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/" xmlns:dc="http://purl.org/dc/elements/1.1/"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/
    http://www.openarchives.org/OAI/2.0/oai_dc.xsd">
    <dc:title>AN INVESTIGATION OF THE PROBLEM-SOLVING STRATEGIES USED BY SECONDARY MATHEMATICS TEACHERS TO SOLVE PROPORTIONAL
    PROBLEMS</dc:title>
    <dc:creator>FISHER, LINDA CANTRELL</dc:creator>
    <dc:subject>Education, Mathematics</dc:subject>
    <dc:description>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.</dc:description>
    <dc:description>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.</dc:description>
    <dc:description>Findings. On the first task, 74% 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
```

Done Internet

FSU Libraries (FTaSU) DigiTool - Results - Full - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://digitool3.lib.fsu.edu:8881/R/L955HNS738Y4IX91BV8XRDY8EAVB3NVQPCMK4AE67XYB6IKHI-00295?func=results-jum

Go

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Guest
Refine

Search 'W-Local Collection= hpc02' in 'General Silo' Collection [ Sorted by: Ranking ]

Brief view
Table view
Full view

Sort by: Ranking

Record 1 of 11

1 2 3 4

Object

cheerleaders 57.jpg - JPEG Image (670 K)

Record number

000012679

Title

FSU Cheerleaders circa 1957

Creator

Unknown .

Description

FSU History and Heritage

Related collections

> [FSU Heritage Protocol Collection](#)

DigiTool Object Manager - Version 3.0      Unit: FSU Collections (FSU01)      Connected to server: 128.186.59.167:6881 (3..)

DigiTool   Object   Metadata   Edit   View   Services   Help ?

Object: FSU01 - 29782 / technical:jhove [58485]

Launch

Editor

Search

Collections

Deposit

Ingest

Management

29782

- changehistory
  - changehistory\_md
- technical
  - image\_niso.58486
  - jhove.58485**

Last Accessed (1)

--- 29754

Open on Local Drive (0)

Manifestations (1)

Includes (0)

Part of (0)

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  <date>2006-06-02T18:52:31+00:00</date>
- <repInfo
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  2057_jpg_thumbnail.jpg">
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  </sigMatch>
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- <profiles>
  <profile>JFIF</profile>
  </profiles>
  <properties>
```

1. Browser   2. Messages   3. Tag Information   4. Collections

View/Refresh Object >>    File Name: \_cheerleaders 57\_jpg\_thumbnail.jpg    File Extension: jpg    File Size: 26 K



# 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



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# Fulltext Search of Theses: Non-Roman Metadata

Search '**W-All Words= diacritics**' in '**General Silo**' Collection [ Sorted by: Ranking ]

**Brief view** **Table view** **Full view**

Record 1 of 1



**Object**



globe\_juc29.gif - GIF Image (13 K)

**Record number**

0000000068

**Title**

**Diacritics.**

**Title**

globe\_juc29.gif

**Creator**

Kaplan, M. S. .

**Subject**

Non-Roman alphabets.

**Description**

Latin-1 capitals: ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖØÙÚÛÜÝ

**Description**

Latin-1 small letters: àáâãäåæçèéêëìíîïðñòóôõöøùúûüý

**Description**

Hebrew: תשןקצדפסנסמלכךיטוהדאכ

**Description**

Greek: αβγδεζηθικλμνξοπρστυφχψω

**Description**

Chinese: 丐丑刃专且丕世卅丘丙业丛东丝丞丢些两丢邪两严並夜



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# Fulltext Search of Theses: Adobe Passthrough

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

Save a Copy

Search Web

Adobe Reader 7.0

Search PDF

Hide

Finished searching for:  
**kerr**  
Total instances found:  
7  
New Search

Results:

- SENATOR KERR: I have with me in the studio today one of the nation's
- SENATOR KERR: Well we claim your son as a
- SENATOR KERR: General Taylor, in this atom
- SENATOR KERR: Well, that means that Fort :
- SENATOR KERR: Do you think there's chance
- SENATOR KERR: Yes, I do. Now you know w
- SENATOR KERR: Well, thank you very kindly.

Done

Save and View this PDF in Reader

Find a word in the current PDF document

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 28, 1955 - 1:45 P.M. (EDT)

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 I (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.

1 of 3



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# Support for EADs and Other Structured XML: XSLT1

DigiTool Viewer - Microsoft Internet Explorer

DigiTool - Resource Discovery

Papers of Bernard F. Sliger (with BC XSLT)

TABLE OF CONTENTS

Bernard F. Sliger Collection

Search:  Find Next

**Restrictions:**

[Administrative Information](#)

[Speeches 1975-1993](#)

[Personal Correspondence 1971-2003](#)

[Photographs 1977-1993](#)

[Speeches by Others 1977-1987](#)

[Louisiana Constitutional Convention April 30, 1973](#)

[Academic Task Force for Review of Insurance and Tort Systems 1986-1988](#)

**Creator:** The collection was created by Dr. Bernard F. Sliger.

**Title:** Bernard F. Sliger Collection

**Dates:** 1971-2003

**Dates:** 1983-1991

**Abstract:** Speeches, correspondence, newspaper clippings/newsletters, calendars, and photographs from Dr. Bernard F. Sliger, President of the Florida State University from 1976-1991.

**Repository:** Florida State University Libraries Special Collections Department 105 Dogwood Way Tallahassee, FL 32306-2047

**Quantity:** 11.2

**Identification:** MSS2003004

1924	Born on September 30 in Chassell, Michigan.
1949	Received BA in Economics from Michigan State University.
1950	Received MA in Economics from Michigan State University.
1953	Became Professor of Economics at Louisiana State University.
1955	Received Ph.D. in Economics from Michigan State University.
1961	Appointed head of Economics Department, Louisiana State University.
1965	Appointed Vice-Chancellor and Dean of Academic Affairs of Louisiana State University.
1969	Appointed Executive Director of State of Louisiana Board of Regents.
1972	Appointed Executive Vice-President of the Florida State University and moves with family to Tallahassee, Florida.
1973	Gave "Finance in the New Constitution" lecture at the Louisiana Constitutional Convention. His talk was later published as a series by Louisiana State University.
1973	Appointed Professor of Economics at the Florida State University until 2003.
1976	Appointed Interim President of the Florida State University.
1977	Appointed President of the Florida State University.
1983	Appointed member of Board of Trustees of the Federal Reserve Bank of Atlanta, until 1985.
1986	Appointed member of Academic Task Force for Review of the Florida Insurance Tort System, until 1988.
1987	Appointed member of the NCAA Presidents' Commission, until 1991.
1991	Retired as President of the Florida State University.
1993	Appointed Interim President of the Florida State University, until January 1994.

The speeches and correspondence document Bernard F. Sliger's career at the Florida State University where he served as a faculty member, Executive Vice-President and President. The speeches cover topics such as Florida's economic climate, commencements, groundbreakings, and the role of higher education in



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# Support for EADs and Other Structured XML: XSLT2

DigiTool - Resource Discovery

Papers of Bernard F. Sliger (with FSU XSLT)

FLORIDA STATE UNIVERSITY LIBRARIES



Bernard F. Sliger Collection

<b>TABLE OF CONTENTS</b> <a href="#">DESCRIPTIVE SUMMARY</a> <a href="#">ADMINISTRATIVE SUMMARY</a> <a href="#">HISTORICAL NOTE</a> <a href="#">SCOPE AND CONTENT NOTE</a> <a href="#">INDEX TERMS</a> <a href="#">COLLECTION CONTENTS</a> <a href="#">Speeches (1975-1993)</a> <a href="#">Personal Correspondence (1971-2003)</a> <a href="#">Photographs (1977-1999)</a> <a href="#">Speeches by Others (1977-1987)</a> <a href="#">Louisiana Constitutional Convention (April 30, 1973)</a> <a href="#">Academic Task Force for Review of Insurance and Tort Systems (1986-1988)</a>	<b>DESCRIPTIVE SUMMARY</b>  ID Number : MSS2003004 Date(s): 1971-2003 (inclusive) Date(s): 1983-1991 (bulk) Extent: 11.2 LinearFt. Abstract: Speeches, correspondence, newspaper clippings/newsletters, calendars, and photographs from Dr. Bernard F. Sliger, President of the Florida State University from 1976-1991. Language(s): English
	<b>ADMINISTRATIVE SUMMARY</b>  Portions of collection available online? : No Provenance: The collection was created by Dr. Bernard F. Sliger. Acquisition: The Bernard F. Sliger Collection was donated to the Special Collections Department, Florida State University Libraries, by Bernard F. Sliger of



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# Support for EADs and Other Structured XML: XSLT3

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[Overview of the  
Collection](#)

[Arrangement](#)

[Thomas J. Dodd Papers](#)

[Detailed Description](#)

[Series III: Administrative  
and Legislative Files,  
1949-1971](#)



## Thomas J. Dodd Papers

### Series III: Administrative and Legislative Files

Finding aid prepared by Jeffrey D. Bass.

Finding aid encoded by Betsy Pittman in March 2004.

Archives & Special Collections at the Thomas J. Dodd Center  
405 Babbidge Road, Unit 1205  
Storrs, Connecticut 06269-1205

© 2004 University of Connecticut



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# Consolidation Update

- ETD Consolidation
  - ¾ now available in digitool
    - cross searchable – oai available
- Fall 2006
  - Honors Theses in DT
  - EADs in DT
  - Oceanography Reports



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# QUESTIONS



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