

Developing an Institutional Repository: A DigiTool Experience at Colorado State University

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Digital Repositories Services

Outline of this Presentation

- Overview of CSU Digital Repository
- Examples of our material
- Web customization
- Implementation of handle
- Metadata and Object Ingest
- Managing Statistical Data
- Integrate DigiTool with harvesters
- Conclusion

Background

- DigiTool implementation since May 2007; in production since March 2008
- Use CONTENTdm since 2001
- Nearly 4,000 digital objects created in the past and we are migrating items from CONTENTdm to DigiTool
- Has over 18,400 items, simple and complex objects (by April 5,2010)

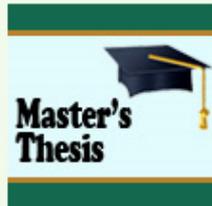
Purpose

- Highlight and provide open access to CSU faculty and student research
- Preserve and make accessible CSU intellectual assets and institutional memory
- Increase CSU's visibility to the world
- Store and provide access to datasets

Why DigiTool

- Relatively mature product & tech support
- Less investment from local IT
- Established file formats & metadata standards
- A pleasant user interface
- Other Ex Libris products - SFX & MetaLib

Electronic Theses & Dissertations



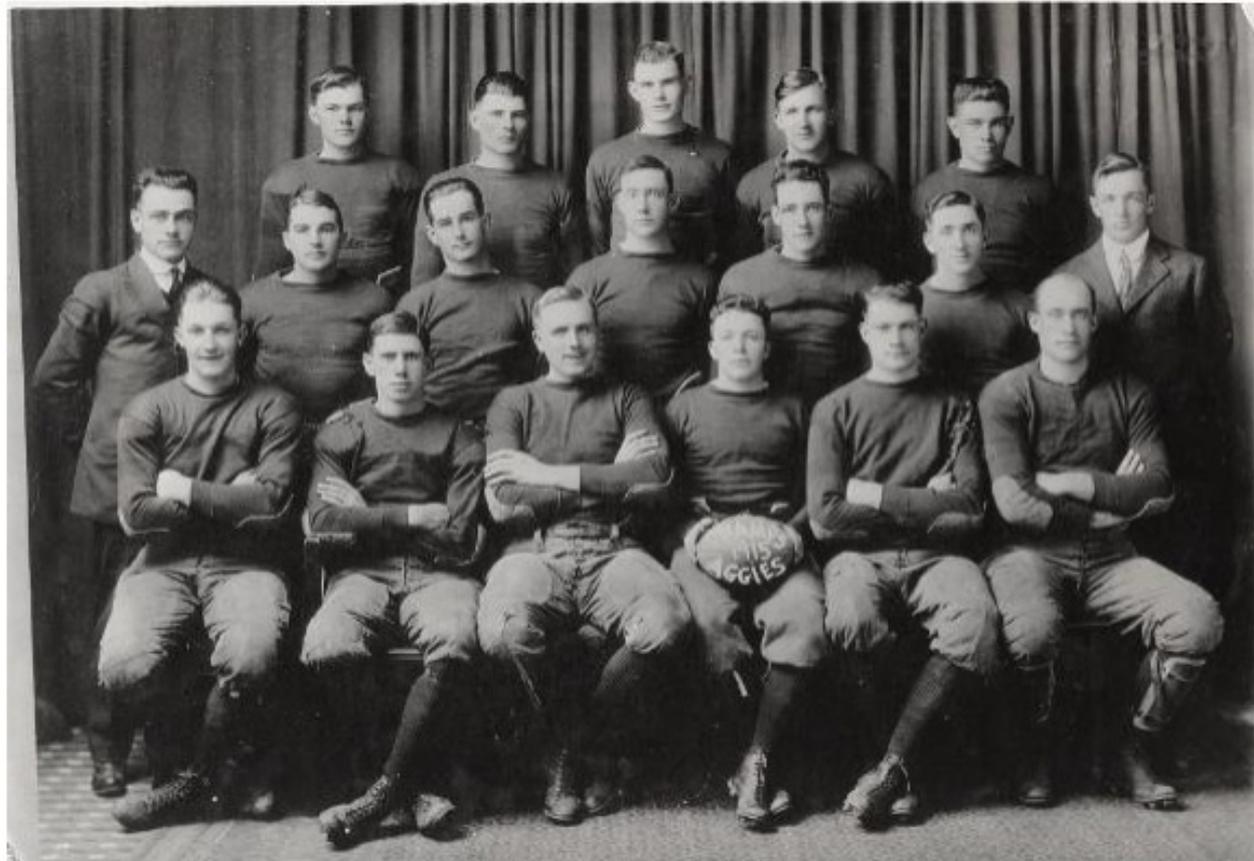
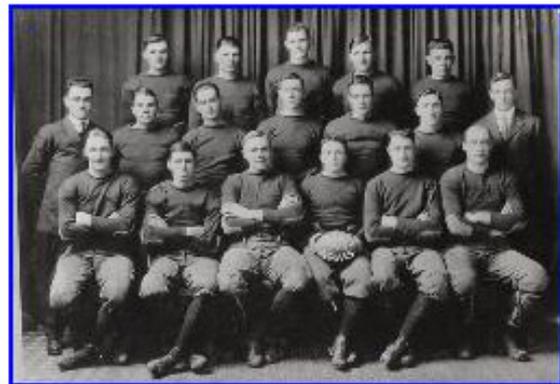
Object	 The economic benefits of off highway veh... - PDF Document (1 M)
Bookmarkable URL	http://hdl.handle.net/10217/1469
Authors	Deisenroth, Daniel Bryan
Title	The economic benefits of off highway vehicle recreation in Larimer County, Colorado
Keywords	Off Highway Vehicle recreation ; OHV ; Larimer County, Colorado ; Travel Cost Model ; TCM ; Contingent Valuation Model ; CVM
Subjects	Off-road vehicles — Economic aspects — Colorado — Larimer County Outdoor recreation — Economic aspects — Colorado — Larimer County
Description	vi, 70 p. Includes bibliographical references (p. 52-57)
Abstract	This thesis estimates the non-market benefits associated with Off Highway Vehicle (OHV) recreation in Larimer County, Colorado. We use a Travel Cost Model (TCM) and a Contingent Valuation Model (CVM) to estimate benefits to three different types of users: Dirt Bike Riders, All Terrain Vehicle (ATV) Riders, and 4-Wheel Drive (4x4) users. Using CVM we find the consumer surplus estimates to be between \$87 and \$207 per person per day, depending on model specification. This equates to a per summer per trail consumer surplus between \$282,908.50 and \$674,997.80, and a Larimer County OHV surplus per summer to be between \$1,026,542 and \$2,449,249. These results are consistent with previous research on OHV recreation (e.g. Englin et. al, 2006, Loomis, 2006). We also find that for our sample, the travel cost model does not find significance in the travel cost variable. We believe that this may be due to our open-ended travel cost question, or due to the fact that most OHV recreationists are traveling from the same area.
Publisher	Colorado State University. Libraries
Date	2008
Degree Name	Master of Science (M.S.)
Department	Agricultural and Resource Economics
Degree Grantor	Colorado State University
Rights	Copyright of original work is retained by the author.
Related collections	CSU Departments and Schools > Agricultural and Resource Economics > Theses and Dissertations > 1980-Current CSU Theses and Dissertations > 1980-Current

Images - Photographs

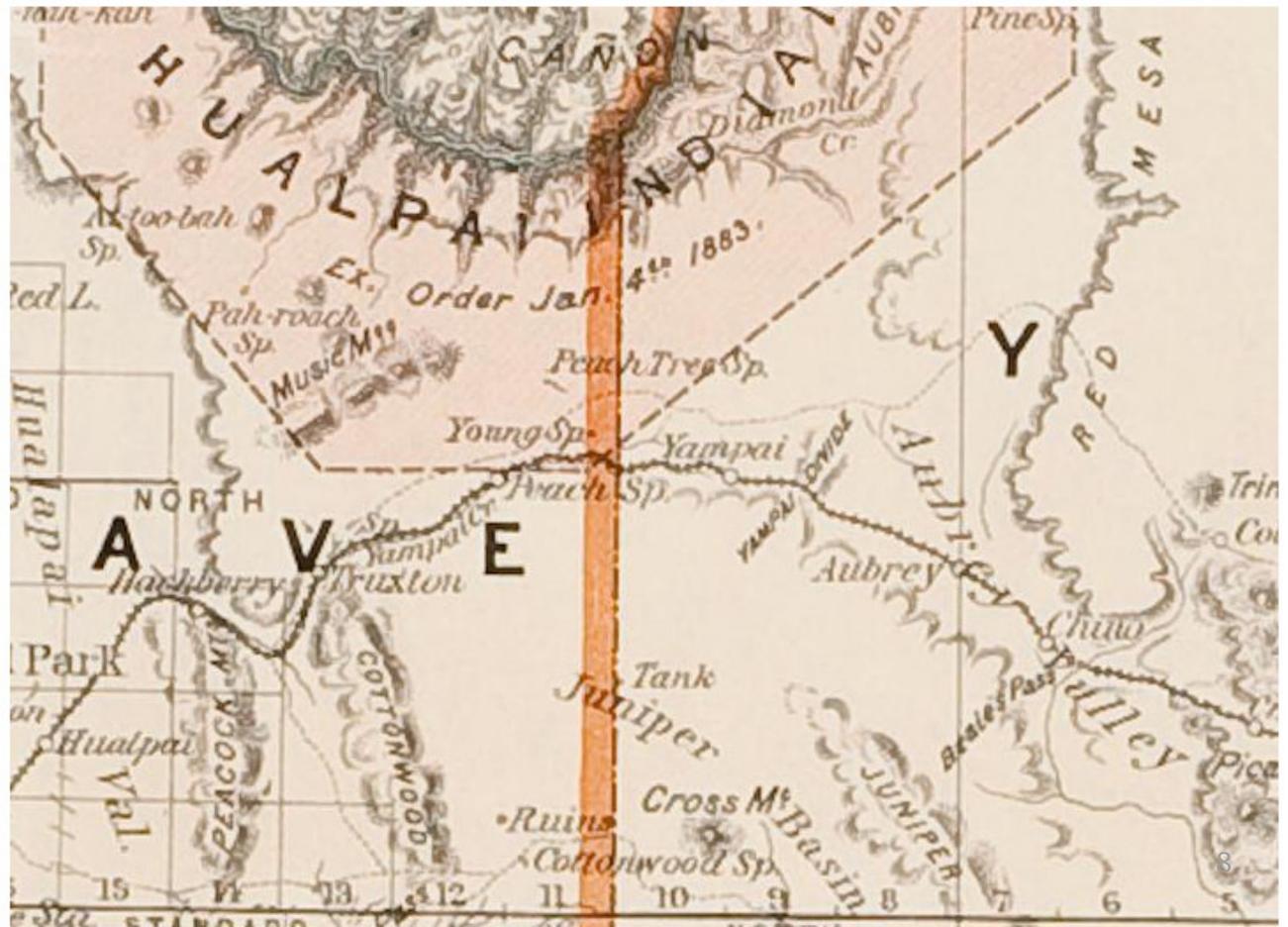
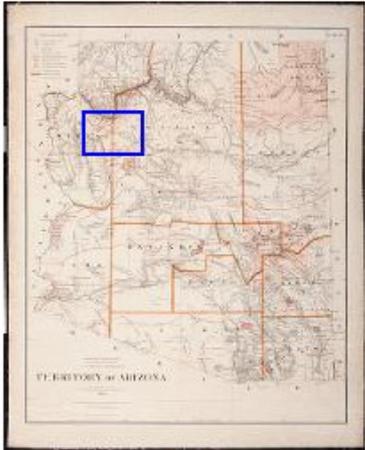
University Historic Photographs – 13896 items

View Options 

1915 Football team



Images - Maps



Images - Painting

View Options 

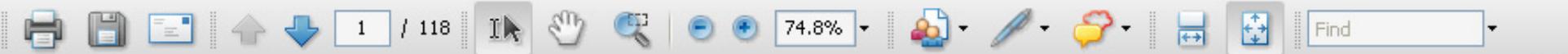
Char



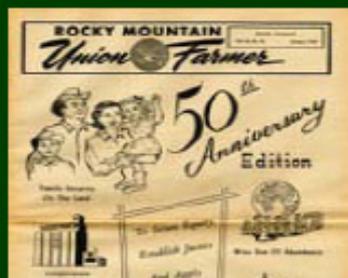
Faculty Presentation

2EA665F6d01 - Adobe Acrobat Pro

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CREATING DIGITAL COLLECTIONS



Beauty Brighter for your Home with Colorado Carnations

Video

Discovery | Catalog | Regional Catalog | Databases | Journals | Archives | Digital Collections | **Repository**

Digital Repository Research and scholarship of CSU faculty and students

[Search / Browse](#) | **Results** | [Previous Searches](#) | [My Account](#)

Search '**W-All Metadata= facfanis% % % % % vido**' in '**Admin Unit CSU01**' Collection [Sorted by: Creator/Title]

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

Record 1 of 6



Object	 Moving cattle quietly out of a gate - WMV file (1 M)
Bookmarkable URL	http://hdl.handle.net/10217/652
Authors	Grandin, Temple
Title	Moving cattle quietly out of a gate
Keywords	cattle ; handling
Description	This video clip demonstrates how to move cattle out of a gate at a controlled, steady pace.
Publisher	Colorado State University. Libraries
Extent	25 seconds
Department	Animal Sciences
Rights	Copyright of the original work is retained by the author.
Related collections	CSU Departments and Schools > Animal Sciences > Educational Videos

Complex Digital Objects

000004119 >> Colorado water rights > Vol. 8

Table of Contents Search Advance

000004119 No Match

- Colorado water rights
 - Vol. 1
 - Vol. 2
 - Vol. 3
 - Vol. 4
 - Vol. 5
 - Vol. 6
 - Vol. 7
 - Vol. 8**
 - Vol. 9
 - Vol. 10
 - Vol. 11
 - Vol. 12
 - Vol. 13
 - Vol. 14
 - Vol. 15
 - Vol. 16
 - Vol. 17
 - Vol. 18
 - Vol. 19
 - Vol. 20
 - Vol. 21
 - Vol. 22
 - Vol. 23
 - Vol. 24

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1 / 7 44.5%

Find

colorado WATER RIGHTS

... to assist in or contribute to the protection, conservation and development of water in the state of Colorado

WINTER 1989 Published by Colorado Water Congress VOL. 8, NO. 1

Board Acts on Future of CWC

During the past sixteen months, the Colorado Water Congress (CWC) Board of Directors has been wrestling with and then deciding the future of CWC. This effort stems from a basic question: namely, Does CWC have a useful value, or does CWC have little or no value? Any time that such a question is asked, you will experience a healthy re-examination of an organization. In such an endeavor, you start from scratch so-to-speak to determine what is the mission of the organization as if it were being created NEW.

In order to assist the Board, a questionnaire was prepared and sent out to the membership. Ninety-two members did respond and the Board found the responses to be most useful. A one-day "unstructured-structured" session was then held by the Board and select CWC members to discuss "everything" about CWC. The "everything" discussion included, for example, CWC missions, staffing, articles of by-laws, bylaws, workshops, litigation efforts, composition of committees, committee policies, etc. Everything, but everything, was on the table. Out of this "free-wheeling - no holds barred" session came the areas that needed further examination.

Without going into a blow-by-blow account of the next twelve months, the Board, at their October 13, 1989 meeting, made the following decisions:

1. It was determined that the four main tasks of CWC are advocacy, education, information and serving as a forum.
2. Recommendation to the membership at the 1989 CWC Annual Business Meeting was an amendment to the "Introduction" section of the CWC Amended and Restated Articles of Incorporation. This amendment would make abundantly clear what has always been a fact - that CWC members recognize the need to achieve harmony between the water resources and the other natural resources of the state, and to that end, the members will strive to insure a quality environment in Colorado. Farmers and ranchers, for example, because of their dependence on all natural resources were really the first environmentalists.

Continued on page 2

The Saga of Stagecoach **UPDATE:** Endangered Species Recovery Program in the

Web Interface Customization

1. What can be customized
 - Icons
 - Menu
 - Footer
 - List of sort types

2. More difficult customization
 - General page layout

3. Things needed to pay attention

4. Most DigiTool sites look similar

CSU Digital Repository

<http://digitool.library.colostate.edu/R>

Digital Repository Research and scholarship of CSU faculty and students

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[About](#) | [End Session](#) | [Help](#)

Guest

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A word or phrase:

Contains Exact Starts With

Select collection: ▼

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[Anthropology](#) ...

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Boston College eScholarship

http://dcollections.bc.edu/R/?func=search&local_base=gen01-bcd03

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GO

A word or phrase:



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Exact



Starts With

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Graduate Theses and Dissertations

(210)

Carroll School of Management , Connell School of Nursing , Graduate School of Arts & Sciences ...

Undergraduate Honors Theses (263)

College Honors Program , Economics Honors Program , History Honors Program ...

Research Unit, Center, or Department

(948)

Center for Retirement Research , The Church in the 21st Century , Economics Department ...

Faculty Publications (1663)

Arts & Sciences , Carroll School of Management , Connell School of Nursing ...

Dept. of Business Law, Carroll School

of Management (105)

History of Boston College (26)

GSAS , Occasional papers , Women

Center for Jewish History

<http://digital.cjh.org/R?RN=552119112>



Digital Collections

American Jewish Historical Society
 American Sephardi Federation
 Leo Baeck Institute
 Yeshiva University Museum
 YIVO Institute for Jewish Research

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CJH on flickr

CJH User Survey 2010



Guest

Simple Search

Advanced Search

Select collection:

SEARCH

A word or phrase:

Contains Exact Starts With

Collections

Collections by Type (20215)

[Albums & Scrapbooks](#) , [Archival Finding Aids](#) ,
[Books](#) ...

Center for Jewish History (271)

[...And the Air Stood Still: Remembrances](#) ,
[Dissertations](#) , [Faces of Israel](#) ...

YIVO Institute for Jewish Research

American Jewish Historical Society

(3683)
[Finding Aids for AJHS's Archival Materials](#) ,
[American Soviet Jewry Movement Photographs \(1-494\)](#) ,
[Association for Free Distribution of Matsot to the Poor \(New York, N.Y.\) records, 1855-1858](#) ...

Leo Baeck Institute (10795)

[LBI Archives](#) , [LBI Art Collection](#) , [LBI Library](#)
 ...

Recently Completed Digitization

American Sephardi Federation (3523)

[Sephardic American Voices: An Oral History Project](#) ,
[Engravings](#) , [Finding Aids for ASF's Archival Materials](#) ...

Yeshiva University Museum (1488)

[Abe Grubère Collection](#) , [Children's Books](#) ,
[Finding Aids for YUM's Archival Materials](#) ...

State University System of Florida

<http://digitool.fcla.edu/R>

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Guest

Basic Search

[Advanced Search](#)

Select collection: 

GO

A word or phrase:

Contains Exact Starts With

Collections

[All Collections](#) (28680)

[African Map Collection](#) , [Antarctic Map Collection](#) ,
[Arctic Map Collection](#)

[Collections by Topic](#) (53258)

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[Oral History](#) (37)

[Florida Voices](#)

[Archives Florida](#) (1109)

[Bethune-Cookman University Inventories](#) , [Broward County Library - Bienes Museum of the Modern Book Inventories](#) , [Florida Atlantic University Inventories](#)

[Collections by Type](#) (30837)

[Archival Finding Aids](#) , [Maps](#) , [Music](#)

[Collections by Media](#) (27527)

[Audio](#) , [Images](#) , [Text](#)

[Items by Contributor](#) (29165)

[Broward County Library](#) , [Florida A & M University Libraries](#) , [Florida Atlantic University Libraries](#)

Leeds University Digital Objects

<http://ludos.leeds.ac.uk:8881/R/>

Leeds University Digital Objects
University Library



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Guest

Simple Search

[Advanced Search](#)

Select collection: 

A word or phrase:

Contains Exact Starts With

GO



[Medieval Manuscripts](#)



[Music](#)



[History of Art](#)



[Library Collections](#)



[Timescapes](#)



[Historical Physics Instruments](#)



[ALPS](#)

Web Interface Customization

- Basic web interface customization is simple. Mainly work with CSS files
- Define styles for hyperlinks

```
a.TB:link, a.TB:visited, a.TB:hover {  
color:#13694E;  
font-family:'Arial Unicode  
MS',TAHOMA,ARIAL,VERDANA,sans-serif;  
font-size:80%;  
height:18px;  
padding-bottom:2px;  
padding-left:6px;  
padding-right:6px; }
```

Permanent URL

<http://hdl.handle.net/10217/1552>



Object  Recommended animal handling guidelines f... - PDF Document (3 M)

Bookmarkable URL <http://hdl.handle.net/10217/1552> 

Authors Grandin, Temple

Title Recommended animal handling guidelines for meat packers

Subjects Livestock — Handling

Description Proper livestock handling is extremely important to meat packers for obvious ethical reasons. Once livestock arrive at packing plants, proper handling procedures are not only important for the animals' well-being, but can also mean the difference between profits and losses due to meat quality or worker safety. The Humane Slaughter Act of 1978 dictates strict animal handling and slaughtering standards for packing plants. Those standards are monitored by some 7,000 federal meat inspectors nation-wide. The meat packing industry takes these standards very seriously. For the best results in animal handling, plant management must make proper handling and stunning a high priority. Top management must play an active role. Plants with the best handling and stunning practices have managers who closely monitor stunning and handling practices. This manual provides employees and managers with information which will help them improve both handling and stunning. Employees handling hundreds of animals day after day sometimes need reminders from management that animals must always be handled carefully.

Implement Handles

- <http://hdl.handle.net/10217/1553>
 1. prefix (hdl.handle.net)
 2. institution ID (10217)
 3. object ID (1153).
- Implementing handles is more complicated than web interface customization

General Configuration

- pi_profiles_rules.xml

Default pi_profiles_rules.xml

```
<!-- profile setting example -->
<rl:de_rule name="View type Handle
rule"><!-- omitted code -->
<rl:de_rule name=" view main handle
rule"><!-- omitted code -->
<!-- profile setting -->
<pi_profile name="handle_profile">
<pi_type>handle</pi_type>
<pi_prefix
required="true">12345</pi_prefix><!--
omitted code -->
</pi_profile>
```

CSU Digital Repository's pi_profiles_rules.xml

```
<!-- profile setting example -->
<rl:de_rule name="view handle rule"><!-- No
change in this section -->
<rl:de_rule name="view main handle
rule"><!-- No change in this section -->
<!-- profile setting -->
<pi_profile name="handle_profile">
<pi_type>handle</pi_type>
<pi_prefix
required="true">10217</pi_prefix>
<!-- No change --> </pi_profile>
```

hdltool.ini
handleConfig.properties

pi_publisher_rules.xml
dc_marc_function.xsl

Local Configuration

- `www_r_silo_conf.xml`

```
<results_full><line>  
  <code type="DATA">110 A</code>  
  <name lng="ENG">Bookmarkable URL</name>  
  <name lng="GER">URI</name>  
  <name lng="FRE">URI</name>  
  <name lng="HEB">URI</name>  
  <editfield>D</editfield>  
  <ext_link>Y</ext_link></line> <!-- omitted code -->  
</results_full>
```



Local Configuration

- `script.js` – Added two functions to make handle and other URLs as hyperlinks. More complicated customization example

```
function DaddHyperlinks(){
  var noscript = document.getElementsByTagName("td");
  text = noscript[(noscript.length)-1].firstChild.nodeValue;
  if (text.match(/https?:\:\/\/[^\s"]+/)) {
    // remove any spans highlighting search terms from contents of URL
    while (text.match(/https?:\:\/\/[^\s"]*<span class=highlight>/))
      text = text.replace(/(https?:\:\/\/[^\s"]*)<span
class=highlight>([^\s"]+)<\span>/, "$1$2");
    // replace the URL with a green link to the URL that opens in a new window
    text = text.replace(/(https?:\:\/\/[^\s"]+)</g, "<a href=\""$1\" target=\"_new\"
style=\"color: #13694e;\">$1</a>"); }
}
```

Repository Workflows

Scanning/electronic submission



File preparation & optimization



Metadata creation



DigiTool ingest



Maintenance/update

DigiTool Modules



Use the links below to connect to different applications of DigiTool

- ◆ [Resource Discovery](#)
- ◆ [Management](#)
- ◆ [Approver](#)
- ◆ [Collection Management](#)
- ◆ [Deposit](#)
- ◆ [Web Ingest](#)

- Editor
- Search
- Collections
- Deposit
- Ingest
- Management

82358

- changehistory
 - changehistory_md.170788
- descriptive
 - dc.170777
- preservation
 - preservation_md.170860
- technical
 - jhove.170790
 - text_md.170789

Modules

Last Accessed (1)

.... 82450

Open on Local Drive (336)

Manifestations (2)

Includes (0)

Part of (0)

Menu

Metadata Editing

All metadata

View Object

Tag	Language	Data
Title		Holmes Rolston III 1932
Keywords		Rolston, Holmes, 1932- ; environmental ethics ; science ; religion ; biography
Description		Holmes Rolston is widely recognized as the "father of environmental ethics" as an academic discipline. More so than any other, he has shaped the essential nature, scope and issues of the discipline. The following six principles are basic to his work: 1. The Homologous Principle: Follow Nature; 2. The Value-Capture Principle; 3. The Organic Principle: Respect for Life; 4. The Species Principle: Preserve 'Forms' of Life; 5. The Ecosystemic Principle; 6. The Three 'Environments' Principle: Urban, Rural and Wilderness (or, the Nature-Culture Principle).
Description		Includes bibliographical references.
Original Publisher		Routledge
Publisher		Colorado State University. Libraries
Bibliographic Citation		Palmer, Joy A., ed. and David E. Cooper and Peter Blaze Corcoran, advisory eds. Fifty Key Thinkers on the Environment, [260-268]. London: Routledge, 2005.
Date Issued		2001
Type		Text
Format		application/pdf
Identifier		Fifty_Key_Thinkers.pdf
Identifier		FACFPHIL100002ROLSBIOG
Language		eng
Language		English
Rights		c2001 Routledge
Metadata Schema		Faculty Papers 1.0

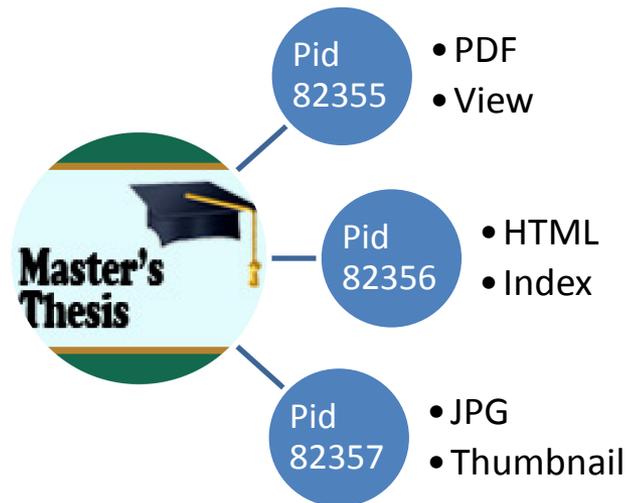
1. Browser | 2. Messages | 3. Tag Information | 4. Collections |

View/Refresh Object >> File Name: Fifty_Key_Thinkers.pdf. File Extension: pdf. File Size: 45 K

Empty content area for viewing the object.

Digital Objects

- Consist of digital entities
- Each digital entity is assigned a PID
- Format: PDF, JPG, HTML ...
- Usage: View, Thumbnail, Index, Archive ...



Metadata

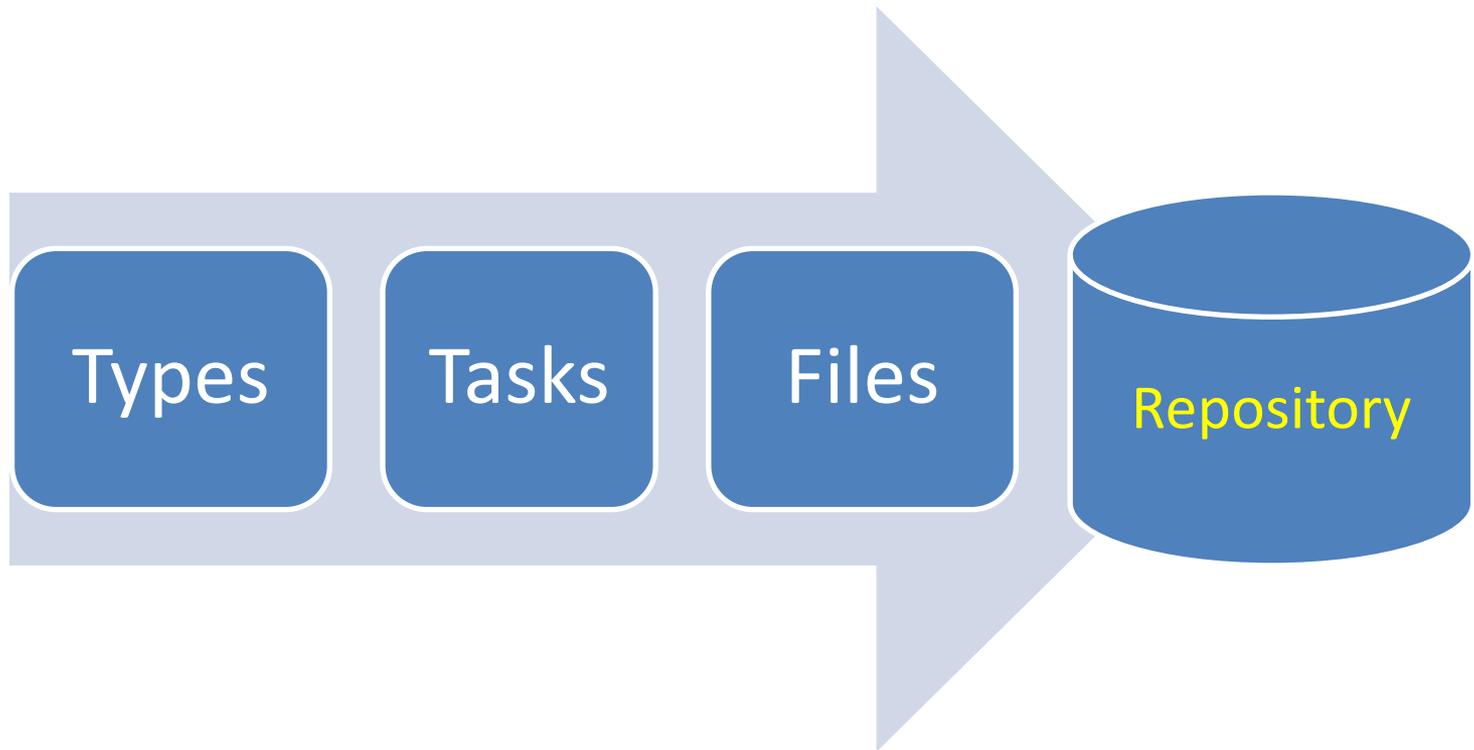
- Resource discovery
- Statistics & maintenance
- A variety of metadata:
 - Descriptive: DC, MARC, MODS
 - Administrative/Rights
 - Technical
 - Preservation
 - Structural: METS

```
<?xml version="1.0"
<quiz>
  <question>
    Who was the forty-second
    president of the U.S.A.?
  </question>
  <answer>
    William Jefferson Clinton
  </answer>
  <!-- Note: We need to add
    more questions later.-->
</quiz>
```

XML

Ingest (populating repository)

- “Submission of digital objects and/or metadata into the DigiTool repository.” – Ex Libris DigiTool Staff User’s Guide



Common Ingest Types

- Simple: DC XML, MARC XML, CSV
- Complex: METS XML, DigiTool METS generation

Reasons:

- Metadata & object types
- Batch ingest
- Efficient metadata creation and editing
- Additional copies of metadata

Metadata Creation

- Tools:
 - MS Excel
 - oXygen XML Editor
 - MarcEdit
 - DigiTool (technical, preservation, access rights)
- Guidelines:
 - CSU Core Data Dictionary
(<http://hdl.handle.net/10217/3147>)
 - Individual project data dictionary

<dc:title>Development of a rapid detection assay for listeria monocytogenes on ready-to-eat meat, food-contact and non-contact surfaces</dc:title>

<dc:creator>Callaway, Jeffrey Ryan</dc:creator>

<dcterms:etd_department>Animal Sciences</dcterms:etd_department>

<dcterms:etd_degree_grantor>Colorado State University</dcterms:etd_degree_grantor>

<dcterms:degree_name>Master of Science (M.S.)</dcterms:degree_name>

<dcterms:etd_dept_head>Wailes, William R.</dcterms:etd_dept_head>

<dcterms:contributor_advisor>Goodridge, Lawrence D.</dcterms:contributor_advisor>

<dcterms:committeemembers>Nightingale, Kendra K.; Gentry-Weeks, Claudia R.; Sofos, John Nikolaos</dcterms:committeemembers>

<dc:language>eng</dc:language>

<dc:language>English</dc:language>

<dcterms:etd_subject_keywords>foodborne pathogen ; Listeria monocytogenes ; detection ; ready-to-eat foods ; RTE foods ; food contact and non-contact surfaces ; Phast Swab device ; TSB-KCI

<dc:subject xsi:type="dcterms:LCSH">Listeria monocytogenes</dc:subject>

<dc:subject xsi:type="dcterms:LCSH">Pathogenic microorganisms</dc:subject>

<dcterms:abstract>Many tests are available to detect foodborne pathogens. Tests have been designed to selectively allow the growth of a target organism to facilitate identification using biochemi

<dc:description>xvi, 107 p. : ill.</dc:description>

<dc:description>Includes bibliographical references (p. 92-107)</dc:description>

<dc:publisher>Colorado State University. Libraries</dc:publisher>

<dc:type>Text; Still Image</dc:type>

<dc:format>application/pdf</dc:format>

<dc:identifier>2009_spring_Callaway.pdf</dc:identifier>

<dc:identifier>ETDF2009100001ANIS</dc:identifier>

<dcterms:dateSubmitted>2009</dcterms:dateSubmitted>

<dc:rights>Copyright of original work is retained by the author.</dc:rights>

<dc:rights>Item will be accessible in July 2009.</dc:rights>

Customized
DC Fields

DC XML Templates

Metadata Full View (DC XML ingest)

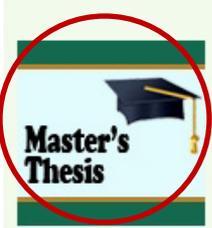
Digital Repository Research and scholarship of CSU faculty and students

Search / Browse **Results** Previous Searches My Account About ER

Search "W-All Words= callaway" in "Admin Unit CSU01" Collection [Sorted by: Creator/Title]

Brief view Table view **Full view** So

Record 1 of 1



Object Development of a rapid detection assay f... - PDF Document (2 M)

Bookmarkable URL <http://hdl.handle.net/10217/22037>

Authors Callaway, Jeffrey Ryan

Title Development of a rapid detection assay for listeria monocytogenes on ready-to-eat meat, food-contact and non-contact surfaces

Keywords foodborne pathogen ; Listeria monocytogenes ; detection ; ready-to-eat foods ; RTE foods ; food contact and non-contact surfaces ; Phast Swab device ; TSB-KCI

Subjects Listeria monocytogenes

Pathogenic microorganisms

Description xvi, 107 p. : ill.

Includes bibliographical references (p. 92-107)

Abstract Many tests are available to detect foodborne pathogens. Tests have been designed to selectively allow the growth of a target organism to facilitate identification using biochemical methods. Some tests have incorporated biochemical identification into selective media. The resulting tests are rapid, sensitive, specific and cost-effective. Recently, molecular methods have been employed to increase the speed, sensitivity and specificity of identification. However, current molecular methods require laboratory equipment and trained personnel and are not capable of detecting viable organisms in the field. This thesis describes a set of studies designed to develop and evaluate a new detection method for the foodborne pathogen *Listeria monocytogenes* that is rapid, sensitive, specific, cost-effective and easy enough to be used in the field and does not require expensive equipment or extensive training.

Publisher Colorado State University. Libraries

Date 2009

Degree Name Master of Science (M.S.)

Degree Grantor Colorado State University

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Related collections [CSU Departments and Schools > Animal Sciences > Theses and Dissertations > 1980-Current](#)
[CSU Theses and Dissertations > 1980-Current](#)

Customized Fields

Object Viewer (DC Metadata)

Metadata - Windows Internet Explorer

Development of a rapid detection assay for listeria monocytogenes on ready-to-eat meat, food-contact and non-contact surfaces

Title:	Development of a rapid detection assay for listeria monocytogenes on ready-to-eat meat, food-contact and non-contact surfaces
Creator:	Callaway, Jeffrey Ryan
Subject:	Listeria monocytogenes
Subject:	Pathogenic microorganisms
Description:	xvi, 107 p. : ill.
Description:	Includes bibliographical references (p. 92-107)
Publisher:	Colorado State University. Libraries
Type:	Text; Still Image
Format:	application/pdf
Identifier:	2009_spring_Callaway.pdf
Identifier:	ETDF2009100001ANIS
Metadata Schema:	ETD 1.0
Language:	eng
Language:	English
Rights:	Copyright of original work is retained by the author.
Abstract:	Many tests are available to detect foodborne pathogens. Tests have been designed to selectively allow the growth of a target organism to facilitate identification using biochemical methods, while others have incorporated biochemical identification into selective media. The resulting tests are rapid, sensitive, specific and cost-effective. Recently, molecular methods have been employed to increase the speed, sensitivity and specificity of identification. However, current molecular methods require laboratory equipment and trained personnel and are not capable of detecting viable organisms. This thesis describes a set of studies designed to develop and evaluate a new detection method for the foodborne pathogen <i>Listeria monocytogenes</i> that is rapid, sensitive, specific, cost-effective and simple enough to be used in the field and does not require expensive equipment or extensive training.
Date Submitted:	2009
Advisor:	Goodridge, Lawrence D.
Keywords:	foodborne pathogen ; Listeria monocytogenes ; detection ; ready-to-eat foods ; RTE foods ; food contact and non-contact surfaces ; Phast Swab device ; TSB-KCI
Committee Members:	Nightingale, Kendra K. ; Gentry-Weeks, Claudia R. ; Sofos, John Nikolaos
Degree Name:	Master of Science (M.S.)
Program:	Animal Sciences
Degree Grantor:	Colorado State University
Department Head:	Wailes, William R.

Fuller metadata
not displayed in
full view



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MARC XML

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Metadata Full View (MARC XML ingest)

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Record 8 of 11

MARC to DC mapping



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Bookmarkable URL	http://hdl.handle.net/10217/4209
Authors	Wagner, David G.
Title	Use of GIS modeling techniques as a planning tool for establishment of wetlands as nitrate and pesticide removal facilities / by David G. Wagner and Maurice D. Hall.
Subjects	Constructed wetlands--South Platte River Watershed (Colo. and Neb.) Denitrification. Geographic information systems. Groundwater--Pollution--South Platte River Watershed (Colo. and Neb.)
Description	"Grant no. 14-08-0001-G2008/3, project no. 05." "May 1995." Includes bibliographical references (p. 33-37).
Publisher	Colorado Water Resources Research Institute, Colorado State University,
Date	[1995]
Extent	iii, 37 p. : ill. (some col.) ; 28 cm.
Series	Open file report (Colorado Water Resources Research Institute) ; no. 11.
Rights	http://www.acns.colostate.edu/?page=copyright
Related collections	CSU Centers and Research Institutes > Colorado Water Institute > Open File Reports

Object Viewer (MARC Metadata)

Metadata - Windows Internet Explorer

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10    </x_target>
11  </x_map>
12
13  <x_map>
14    <x_source position="2"/>
15    <x_target md_name="descriptive" md_type="dc">
16      dc:identifier
17    </x_target>
18  </x_map>
19
20  <x_map>
21    <x_source position="4"/>
22    <x_target md_name="descriptive" md_type="dc">
23      dc:title
24    </x_target>
25  </x_map>
26
27  <x_map>
28    <x_source position="5"/>
29    <x_target md_name="descriptive" md_type="dc">
30      dcterms:isFormatOf
31    </x_target>
32  </x_map>
33
34  <x_map>
35    <x_source position="6"/>
36    <x_target md_name="descriptive" md_type="dc">
37      dc:description
38    </x_target>
39  </x_map>
40
41  <x_map>
42    <x_source position="7"/>
43    <x_target md_name="descriptive" md_type="dc">
44      dcterms:isPartOf
45    </x_target>
46  </x_map>
47
48  <x_map>
49    <x_source position="8"/>
50    <x_target md_name="descriptive" md_type="dc">
51      dc:source
52    </x_target>
53  </x_map>
54
```



Mapping

XML

Used with CSV

Metadata Full View (CSV ingest)

Digital Repository Research and scholarship of CSU faculty and students

[Search / Browse](#)
[Results](#)
[Previous Searches](#)
[My Account](#)

[About](#)
[End](#)

Search "W-All Metadata= uhpcs01c% or uhpcs02c% or uhpcs03e% or uhpcs05c% or uhpcs14c% or uhpcs17c% or uhpcs18c%" in 'Admin Unit CSU01' Collection [Sorted by: Creator/Title]

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

Sort

Record 7 of 903



	<p>Object  - JPEG2000 Image (7 M)</p> <p>Bookmarkable URL http://hdl.handle.net/10217/35514</p> <p>Authors Colorado State University</p> <p>Title A theoretical map of Colorado State College</p> <p>Subjects Colorado State College (Fort Collins, Colo.)</p> <p>Description Photo of a perspective drawing of what the campus might look like with the addition or renovation of buildings and the addition of walkways as envisioned by an architectural firm from</p> <p>Publisher Colorado State University. Libraries</p> <p>Date 1937-10-04</p> <p>Series University Historic Photograph Collection, Archives and Special Collections, Colorado State University; Series V: Silver Nitrate Contact Prints; Subseries C: Campus Buildings and Scenes http://lib.colostate.edu/archives/findingaids/university/uhpc.html</p> <p>Rights http://www.acns.colostate.edu/?page=copyright</p> <p>Related collections CSU Archives and Special Collections > University Historic Photograph Collection > Campus Buildings and Scenes</p>
--	--

Complex Digital Objects

- Digital objects represented as a whole
- Have internal structures
- Examples: books, journals, newsletters, archival folders/series, related documents/images/media ...
- Share descriptive metadata
- Whole – Parent ; Parts - Children

Complex Digital Objects

Descriptive metadata

Book

<div>

Chapter 1

Chapter 2

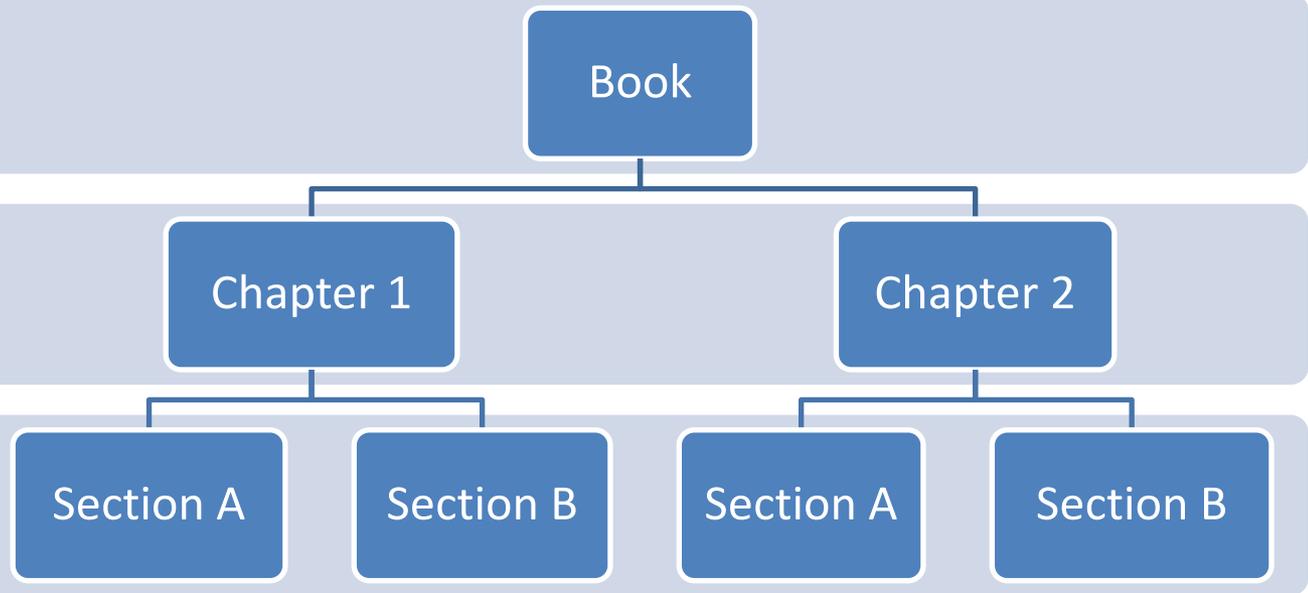
<div>

Section A

Section B

Section A

Section B



METS

- **Metadata Encoding & Transmission Standard**
- Encoding descriptive, administrative, and structural metadata in XML
- Header, dmdSec, [amdSec], fileSec, strucMap
- <http://www.loc.gov/standards/mets/>

Header

```
5 <REATOR" TYPE="ORGANIZATION">  
6 </name>Colorado State University</name>  
7 </agent>  
8 <mdSec ID="dmd001">  
9 <mdWrap MDTYPE="DC" MIMETYPE="text/xml" LABEL="Dublin Core Metadata">  
10 <xmlData>  
11 <dc:record xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:dcterms="http://purl.org/dc/terms">  
12 <dc:title>Irrigation methods (sprinkler), 6/19/62</dc:title>  
13  
14 <dc:identifier>WGDCS10A101814</dc:identifier>  
15  
16 <dc:identifier>WWDL</dc:identifier>  
17  
18 <dc:date>1946 - 1964</dc:date>  
19  
20 <dc:creator>varies</dc:creator>  
21  
22 <dc:subject>Irrigation -- Colorado</dc:subject>  
23  
24 <dc:subject>Irrigation -- Equipment and supplies</dc:subject>  
25  
26 <dc:spatial>Colorado</dc:spatial>  
27  
28 <dc:temporal>1946 - 1964</dc:temporal>  
29  
30 <dc:description>Irrigation sprinklers and pipes</dc:description>  
31  
32 <dc:tableOfContents>Sprinkler system of B.R. Rapp near Cope. 1/4 mi. 4 in. steel pipe (Hardesty). 3 in. pump, 1946-08-14 -- Oliver-Wheeler farm at Masters. 6 in. header pipe, 4 in. latera  
33  
34 <dc:type>Still Image; Image; StillImage</dc:type>  
35  
36 <dc:metadataschema>Water Resources Archive Data Dictionary v. 1.0</dc:metadataschema>  
37  
38 <dc:isPartOf>Groundwater Data Collection. Series X: Visual materials; Subseries A: Slides. Finding aid: "http://lib.colostate.edu/archives/findingaids/water/wgdc.html" </dc:isPartOf>  
39  
40 <dc:isFormatOf>Irrigation methods (sprinkler), 6/19/62. 1946-1952, 1964, undated</dc:isFormatOf>  
41  
42 <dc:source>Original: 47 35 mm slides (10 not scanned)</dc:source>  
43  
44 <dc:publisher>Colorado State University. Libraries</dc:publisher>  
45  
46 <dc:rights>"http://www.acns.colostate.edu/?page=copyright" </dc:rights>  
47  
48 <dc:contributinginstitution>Colorado State University. Libraries</dc:contributinginstitution>  
49 </dc:record>  
50 </xmlData>  
51 </mdWrap>  
52 </dmdSec>  
53 </fileSec>  
54 <file:Grp USE="reference" VERSDATE="2000-04-20T13:00:00">
```

METS XML

Header, DMD

```
...MIMETYPE="text/html" CREATED="2009-02-19T13:59:36" SIZE="556" SEQ="38" GROUPID="gid038">
<fileLocat xlink:href="file://streams/_2008_1202_notice_pdf_index.html" LOCTYPE="URL" />
</fileGrp>
</fileSec>
<structMap TYPE="LOGICAL" ID="smd001">
<div ORDER="1" ID="Manual_Generated_STRUCTMAP" TYPE="document" LABEL="CSU Board of Governors 2008 meeting agendas, minutes, and collateral materials" DMDID="dmd001" xmlns:mets="http://www.loc.gov/mets/">
<div ID="div1.1" LABEL="January 9 - Executive Committee meeting" TYPE="document" ORDER="1">
<div TYPE="document" LABEL="Official meeting notice" ORDER="1">
<fptr FILEID="s001" />
<fptr FILEID="i001" />
</div>
</div>
<div ID="div1.2" LABEL="February 6 - regular Board meeting" TYPE="document" ORDER="2">
<div TYPE="document" LABEL="Agenda" ORDER="2">
<fptr FILEID="s002" />
<fptr FILEID="t001" />
<fptr FILEID="i002" />
</div>
<div TYPE="document" LABEL="Meeting materials" ORDER="3">
<fptr FILEID="s003" />
<fptr FILEID="t002" />
<fptr FILEID="i003" />
</div>
<div TYPE="document" LABEL="Minutes" ORDER="4">
<fptr FILEID="s004" />
<fptr FILEID="t003" />
<fptr FILEID="i004" />
</div>
<div TYPE="document" LABEL="Official meeting notice" ORDER="5">
<fptr FILEID="s005" />
<fptr FILEID="i005" />
</div>
</div>
<div ID="div1.3" LABEL="March 5 - regular Board meeting" TYPE="document" ORDER="3">
<div TYPE="document" LABEL="Agenda" ORDER="6">
<fptr FILEID="s006" />
<fptr FILEID="t004" />
<fptr FILEID="i006" />
</div>
<div TYPE="document" LABEL="Official meeting notice" ORDER="7">
<fptr FILEID="s007" />
<fptr FILEID="t005" />
<fptr FILEID="i007" />
</div>
</div>
</div>
```

File section

METS XML

fileSec, logical strucMa

METS (metadata full view)

Digital Repository Research and scholarship of CSU faculty and students

[Search / Browse](#) **Results** [Previous Searches](#) [My Account](#)

Search 'W-All Metadata= wqdc%' in 'Admin Unit CSU01' Collection [Sorted by: Creator/Title]

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

Record 14 of 47

	<p>Object  image folder: Irrigation methods (gravit... - Mets (13 K)</p> <p>Bookmarkable URL http://hdl.handle.net/10217/22120</p> <p>Authors varies</p> <p>Title Irrigation methods (gravity), 6/19/62</p> <p>Subjects Irrigation -- Colorado Irrigation canals and flumes -- Colorado</p> <p>Description Irrigation of various crops</p> <p>Publisher Colorado State University. Libraries</p> <p>Date 1941 - 1962</p> <p>Series Groundwater Data Collection. Series X: Visual materials; Subseries A: Slides. Finding aid: http://lib.colostate.edu/archives/findingaids/water/wqdc.html</p> <p>Contributing Institution Colorado State University. Libraries</p> <p>Rights http://www.acns.colostate.edu/?page=copyright</p> <p>Related collections CSU Archives and Special Collections > Water Resources Archive > Groundwater Data Collection</p>
--	---

METS (object viewer)

Mets Viewer - Windows Internet Explorer

ExLibris **Digitool** - Resource Discovery

Current View: (PHYSICAL) Show MetaData for: Irrigation methods (gravity), 6/19/62

>> Irrigation methods (gravity), 6/19/62

No metadata

View Options

Irrigating College lawn with canvas hose, 1941-07

- Irrigation methods (gravity), 6/19/62**
 - Irrigating College lawn with canvas...
 - Irrigating peas with aluminum cyphon...
 - Concrete Parshall flume. Tile stilling...
 - [Weather observation station?], 1962-05
 - Irrigating potatoes near Gilcrest using...
 - Irrigating potatoes near Gilcrest using...
 - Irrigating potatoes near Gilcrest using...
 - First cultivation of beets with 6-row...
 - Beans. Irrigation in alternate rows just...
 - Irrigating new alfalfa and grain in...
 - Horse drawn float Prospect, 1942-05-15
 - Irrigating potatoes near Gilcrest using...
 - Irrigating sugar beets, undated
 - Gladioli grown commercially near Arvada...
 - Contour ditches for flooding grain on...

Labels are searchable with sp27

Hierarchies

Table of Contents Search Advanced Sea

CSU Board of Governors 2008 meeting...

- January 9 - Executive Committee meeting
 - Official meeting notice
- February 6 - regular Board meeting
 - Agenda
 - Meeting materials
 - Minutes
 - Official meeting notice
- March 5 - regular Board meeting
 - Agenda
 - Official meeting notice
- April 26 - special Board meeting
- May 7 - regular Board meeting
- June 3 - Audit Committee meeting
- June 3 - regular Board meeting
- August 21 - committee meetings
- August 22 - regular Board meeting
- September 3 - voting member orientation
- September 30 - committee meetings
- October 1 - regular Board meeting
- October 1 - General Counsel Search...
- October 6 - Executive Committee meeting
- October 10 - Executive Committee meeting
- October 13 - General Counsel Search...

View Options

Official meeting notice

EFDfB6CBd01 - Adobe Acrobat Pro

File Edit View Document Comments Forms Tools Advanced Window Help



BOARD OF GOVERNORS of the COLORADO STATE UNIVERSITY SYSTEM

410 Seventeenth Street, Suite 2440 • Denver, Colorado 80202
Phone (303) 534-6290 • FAX (303) 534-6298 • www.csusystem.edu

January 8, 2007

TO: Members, Board of Governors of the Colorado State University System
FROM: Ed Haselden, Secretary, Board of Governors
SUBJECT: Official Notice – Board of Governors’ Executive Committee Meeting

This serves as official notice pursuant to C.R.S § 24-6-402 (2)(c)(2006) of an upcoming meeting of the Board of Governors of the Colorado State University System.

The Executive Committee of the Board of Governors will meet on Wednesday, January 9, 2008, 2007, at 8:00 a.m. at the CSU System office in Denver.

If you have any questions about the meeting, please call Mary Lou Lawrence at (303) 376-2603

Local METS Utility

Mets Utility

Help

Select Process Type

- Image, no full-text (tiff, jp2, jpg) - MARC
- Image, no full-text (tiff, jp2, jpg) - DC
- Document - pdf, jpg, html - MARC
- Document - pdf, jpg, html - DC
- Image, full-text (tiff, jp2, txt, jpg) - MARC
- Image, full-text (tiff, jp2, txt, jpg) - DC

Technical metadata is not available for:

- Image (jp2, jpg) - MARC
- Image (jp2, jpg) - DC

Extract Technical Image Metadata

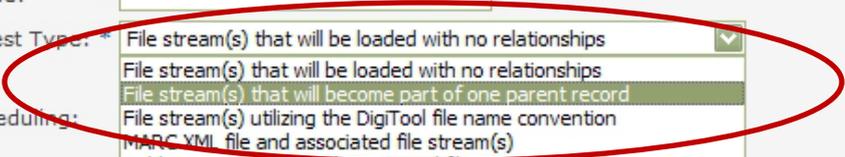
1.
DigiTool: load_ingNNN\ingest\streams)
2.
(DigiTool: load_ingNNN\ingest\digital_entities)
3.
4. Enter the Destintation File Name
A .xml extension will be added
5.

Works with DigiTool ingest

Enter Activity Parameters

General:

Name: *

Ingest Type: * 
File stream(s) that will be loaded with no relationships
File stream(s) that will be loaded with no relationships
File stream(s) that will become part of one parent record
File stream(s) utilizing the DigiTool file name convention
MARC XML file and associated file stream(s)
Dublin Core XML file and associated file stream(s)
Comma separated value (.csv) file
METS xml file and associated file stream(s)
Exported DigiTool repository elements for ingest/re-ingest
File stream(s) that will be loaded with manifestation relationships
ModS XML file and associated file stream(s)

Scheduling:

Assign To:

Note:

Please Select Chain:

- Template Task Chain
- New Task Chain
- User Defined Task Chain

Please Select Chain:

Please Select Task Chain

Preview

Make a selection from the drop-down box above.

Statistics & Maintenance

- Item level
 - Internal staff page
- Site level
 - Google Analytics
- DigiTool Management > Reports
 - Collection distribution
 - Collection/Item requests

Digital Repository

Research and scholarship of CSU faculty and students

Search For: in Search

319 Results

- All Fields
- Title
- Creator
- Subject
- Date
- Identifier
- Handle
- PID
- Metadata Format
- Relation

ID	Handle	OAI	MetaData	Item+MD	Full View	Item View	Title (Item View)	Creator	Subject	Date	Identifier	Relation	Extension
41	9	OAI	Meta marc	I+M	Full 55	Item 53	The influence of vertical wind shear on hailstorm development and structure /	Modahl, Alf C Colorado State University.Dept. of Atmospheric Science.	Atmospheric Science	1969.	0137_Bluebook.pdf FACFATMS100130BLUE		
42	10	OAI	Meta marc	I+M	Full 33	Item 30	Infrared radiative properties of tropical cirrus clouds inferred from broadband measurements /	Griffith, Keith Thomas. Cox, Stephen K. Colorado State University.Dept. of Atmospheric Science.	Cirrus clouds Radiative transfer.	1977.	0269_Bluebook.pdf FACFATMS100129BLUE		
43	11	OAI	Meta marc	I+M	Full 30	Item 22	Instability of rotational and gravitational modes of oscillation /	Simons, T. J.(Theodore J.),1939- Rao, Desiraju B. United States.Air Force. Colorado State University.Dept. of Atmospheric Science.	Gravitational potential Oscillations Rotational motion (Rigid dynamics) Rotational motion	[1970]	0155_Bluebook.pdf FACFATMS100128BLUE		
44	12	OAI	Meta marc	I+M	Full 45	Item 54	The interaction between water vapor and pure silver iodide in the vicinity of saturation /	Barchet, William Richard. Corrin, Myron L. Colorado State University.Dept. of Atmospheric Science.	Atmospheric nucleation.	1971.	0168_Bluebook.pdf FACFATMS100127BLUE		
45	13	OAI	Meta marc	I+M	Full 45	Item 30	Interannual variations in the earth's radiative budget and the general circulation /	Ellis, James S.(James Stephen) Colorado State University.Dept. of	Atmospheric circulation. Solar radiation.	1972.	0218_Bluebook.pdf FACFATMS100126BLUE		

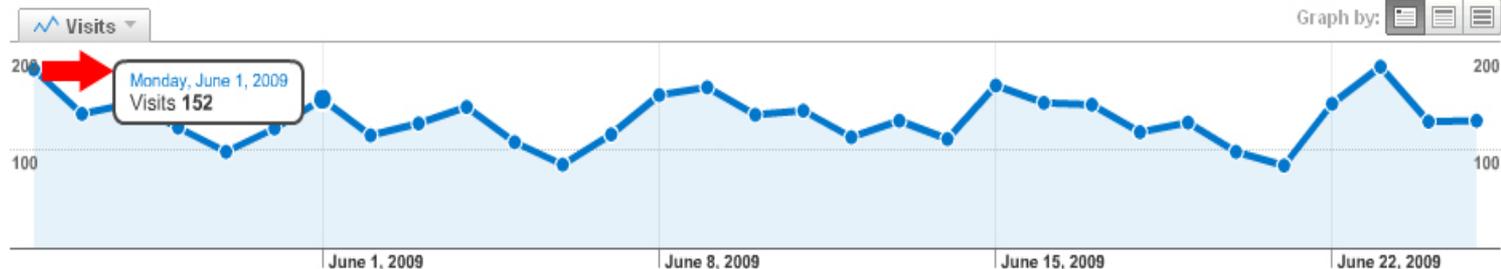
Export | Email | Add to Dashboard | Visualize

Beta Advanced Segments: All Visits

Overview »

Search Engines

May 26, 2009 - Jun 25, 2009



Search sent 4,085 total visits via 8 sources

Show: total | paid | non-paid

Site Usage | Goal Conversion

Views: [Table] [Line] [Area] [Zoom]

Visits 4,085 % of Site Total: 75.80%	Pages/Visit 1.35 Site Avg: 1.70 (-20.83%)	Avg. Time on Site 00:00:29 Site Avg: 00:01:00 (-51.10%)	% New Visits 87.27% Site Avg: 79.81% (9.35%)	Bounce Rate 86.19% Site Avg: 81.76% (5.42%)
---	--	--	---	--

	Dimension: Source	Visits ↓	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
1.	google	3,715	1.32	00:00:27	86.49%	86.70%
2.	bing	183	1.75	00:01:05	93.44%	80.33%
3.	aol	65	1.42	00:00:41	95.38%	78.46%
4.	search	46	1.52	00:01:26	97.83%	84.78%
5.	msn	44	1.30	00:00:08	97.73%	86.36%
6.	live	23	1.87	00:01:14	95.65%	78.26%
7.	ask	8	1.25	00:00:03	100.00%	87.50%
8.	yahoo	1	5.00	00:03:33	100.00%	0.00%

Filter Source: containing [] Go

Go to: 1 Show rows: 10 1 - 8 of 8

Visitors

Traffic Sources

- Overview
- Direct Traffic
- Referring Sites
- Search Engines**
- All Traffic Sources
- AdWords
- Keywords
- Campaigns
- Ad Versions

Content

Goals

Custom Reporting Beta

Settings

- Advanced Segments Beta
- Email

Help Resources

- About this Report
- Conversion University
- Common Questions

BIRT Report Viewer



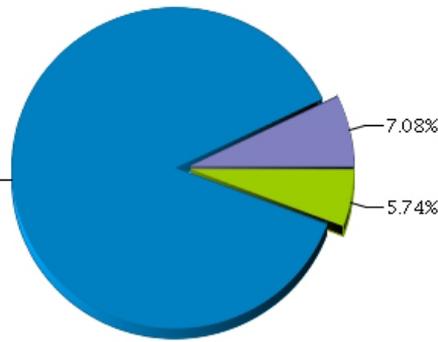
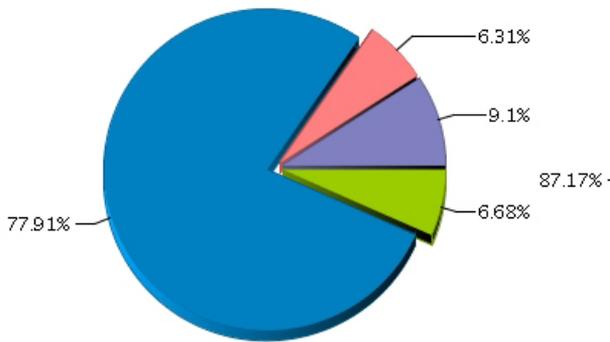
Showing page 1 of 1

Go to page:

<u>Collection ID</u>	<u>Collection Name</u>	<u>Number of Files</u>	<u>Size of Collection in MB</u>
1048	CSU Theses and Dissertations	236	2,757
1049	CSU Centers and Research Institutes	398	2,580
1051	CSU Colleges	1,572	30,998
1053	CSU-Pueblo	26	277
1055	CSU Departments and Schools	1,090	14,370
1123	CSU Archives and Special Collections	13,459	381,410
1198	Student Research Projects	43	26
1216	CSU Conference Proceedings	35	299
1219	CSU Journal Publications	21	113
1240	EXL test - cannot reproduce the problem	395	4,704

Number of Files in Collections

Size of Collections



■ 1051, CSU Colleges
 ■ 1055, CSU Departments and Schools
 ■ 1123, CSU Archives and Special Collectio...
 ■ Other collections

BIRT Report Viewer



Showing page 1 of 1

Go to page:

Delivery Usage

Report for:

Admin Unit: CSU01

Date ranges:

[Jun 10, 2009](#) - [Apr 30, 2010](#)

Usage statistics:

Label	Number of Objects	Number of Requests
viewable items	18431	600216
delivered items	13680	584292
unused items	4751	15924

Collection Name

Admin Unit

Number of Requests

Number of Delivered Requests

CSU Theses and Dissertations	CSU01	336	336
CSU Centers and Research Institutes	CSU01	26	26
CSU Colleges	CSU01	137	137
CSU-Pueblo	CSU01	224	224
CSU Departments and Schools	CSU01	444	444
CSU Archives and Special Collections	CSU01	2,015	2,015
Student Research Projects	CSU01	37	37
CSU Conference Proceedings	CSU01	127	127
CSU Journal Publications	CSU01	110	110

BIRT Report Viewer



Showing page 1 of 1

Go to page:

Delivery Usage

[<<Previous report](#)

Report for:
 Admin Unit: CSU01
 Collection Name: CSU Theses and Dissertations

Date ranges:
[Jun 10, 2009](#) - [May 7, 2010](#)

Usage statistics:

Label	Number of Objects	Number of Requests
viewable items	86	337
delivered items	3	54
unused items	83	283

Wanted result size: [25](#) [Top](#) [Unused](#)

PID	Admin Unit	Type	Title	Number of requests	Delivered requests
39244	CSU01	METS	document: Excavations at the Glligan's Island shelters (5FN1592), Fort Carson Military Reservation (FCMR), Fremont County, Colorado	10	10
44714	CSU01	application/pdf	Kuwaiti female leaders' perspectives : the influence of culture on their leadership in organizations	27	27
51185	CSU01	application/pdf	Analysis of metaphors used in women college president's inaugural addresses at coed institutions	17	17

External Harvesting (DigiTool API)

- CSU Discovery (Web-scale discovery tool)
- Individual digital collection websites

Collections

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[Regional Catalog](#)
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lib.colostate.edu/news
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[Repeat search in...](#)

Refine your search

- Publication Year
- Topic
- Author
- Format
- Library Location
- Language
- Source Limits
 - Library Catalog
 - All Items (1)
 - Call Number
 - Geographic Area
 - Digital Repository
 - All Items (1)
 - Collection

Showing 1 - 2 of 2 results for **excavations at the gilligan's island shelters** (0.48 seconds) Sort by: [Relevance](#)

1. [Excavations at the Gilligan's Island shelters \(5FN1592\), Fort Carson Military Reservation \(FCMR\), Fremont County, Colorado](#)

More information
 URL: <http://digitool.library.colostate.edu/webclient/DeliveryManager?pid=39244>
 Author: Anderson, Cody Mitchell
 Date: 2008
 Format: CSU Theses/Dissertations
 Collections: [Digital Repository](#) > [CSU Departments and Schools](#) > [Anthropology](#) > [Theses and Dissertations](#)
[Digital Repository](#) > [CSU Theses and Dissertations](#) > [1980-Current](#)
 Status: Online

2. [Excavations at the Gilligan's Island shelters \(5FN1592\), Fort Carson Military Reservation \(FCMR\), Fremont County](#)

Author: Anderson, Cody Mitchell
 Published: 2008
 Format: CSU Thesis
 Call Number: E78.C6 A545 2008
 Location: [Multiple Locations](#)

Search DigiTool

Home Galleries Blog About Contact Archives



War Years and 1950s

Search 9,000 Digital Historical Images

This website offers you access to over 9,000 digital images from the University Historic Photograph Collection. The digital collection represents a small portion of the total 500,000 prints and negatives found in the entire collection.

Contact Archives and Special Collections to see more recent images!

Visit Our Blog! Discover what's new from the past!

GALLERIES

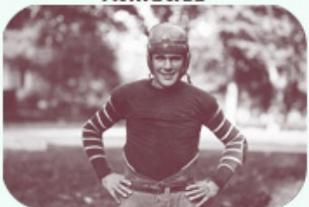
Student Life



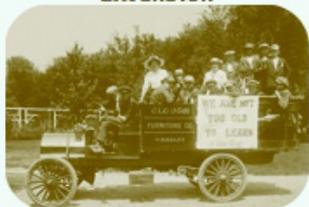
Campus Buildings



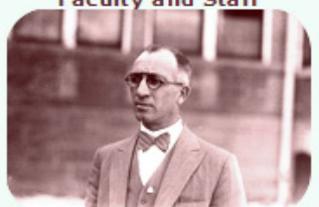
Athletics



Extension



Faculty and Staff



Fort Collins Scenes



Experiment Station



Academics



Digital Repository

Research and scholarship of CSU faculty and students

Search 'W-All Metadata= uhpc% AND W-All Words= campus scenes' in 'General Silo' Collection [Sorted by: Creator/Title]

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

Sort by:

Records 1- 20 of 900

1 2 3 4

- | | | | |
|---|---|---|--|
| 1 |  <p>1st load of lumber for new student building
Colorado State University
Colorado State College (Fort Collins, Colo.) -- Buildings
1935-11-27</p> <p>   </p> <p></p> | 2 |  <p>3 Flags
Colorado State University
Flagpoles -- Colorado -- Fort Collins
undated</p> <p>   </p> <p></p> |
| 3 |  <p>A corner in the old library at Christmas time
Colorado State University
Colorado Agricultural College -- Buildings
undated</p> <p>   </p> <p></p> | 4 |  <p>A corner in the old library at Christmas time
Colorado State University
Colorado Agricultural College -- Buildings
undated</p> <p>   </p> <p></p> |
| 5 |  <p>A drive on College Campus
Colorado State University
Colorado Agricultural College
undated</p> <p>   </p> <p></p> | 6 |  <p>A theoretical map of Colorado State College
Colorado State University
Colorado State College (Fort Collins, Colo.)
1937-10-04</p> <p>   </p> <p></p> |
| 7 |  <p>Administration
Colorado State University
Colorado Agricultural College -- Buildings
1925-09</p> <p>   </p> <p></p> | 8 |  <p>Administration
Colorado State University
Colorado Agricultural College -- Buildings
1925-09</p> <p>   </p> <p></p> |

Colorado Agriculture and Rural Life

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Colorado Agriculture and Rural Life

Agriculture represents the primary foundation for the economic, political, educational, and cultural development of Colorado. Colorado's Agricultural College, a land-grant institution later renamed Colorado State University, offered academic programs in farming, ranching, and home economics where students could earn a practical agricultural education.

This digital collection is a companion to *Colorado Agriculture and Rural Life: Bibliography of Primary and Secondary Materials Published 1820-1945*, completed in 2006. The web site contains the full text for over 1,200 items in

order to provide enhanced access to the most significant literature of Colorado's agricultural history.

The collection is comprised of historic publications and it is not intended as a source of current recommendations. For example, current CSU Extension information is available from the [extension website](#).

To view full text documents, use the Browse and Search boxes. The documents are also linked to the corresponding citation in the bibliography.

Funded by a grant from the [United States Agricultural Information Network \(USAIN\)](#), [National Endowment for the Humanities \(NEH\)](#) and the [National Agricultural Library \(NAL\)](#), this project is part of a nation-wide effort to identify and preserve important historic agricultural literature.

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- | | | | | | |
|---|--|---|----|---|--|
| 1 |  | <p><u>Growing plants without soil / by A. M. Binkley.</u>
 Binkley, A. M. (Almond Madison), b.1900.
 Hydroponics.
 1945?]</p> <p>   </p> <p></p> | 2 |  | <p><u>Plant vegetables late for storage and canning / A. M. Binkley.</u>
 Binkley, A. M. (Almond Madison), b.1900.
 Vegetables--Colorado.
 1943]</p> <p>   </p> <p></p> |
| 3 |  | <p><u>Transplanting / by A. M. Binkley.</u>
 Binkley, A. M. (Almond Madison), b.1900.
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 1937].</p> <p>   </p> <p></p> | 4 |  | <p><u>Plant propagation / L.R. Bryant.</u>
 Bryant, L. R. (Louis Ralph), 1895-
 Plant propagation.
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| 5 |  | <p><u>Propagation of plants / L.R. Bryant and George Beach.</u>
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| 7 |  | <p><u>Blight and other plant diseases / [by C.S. Crandall].</u>
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 [1944]</p> <p>   </p> <p></p> |
| 9 |  | <p><u>Report of investigations on peach mosaic vectors in 1944 in cooperation with the Mesa County Research</u>
 Daniels, Leslie B. 1901-
 Peach rosette mosaic virus--Colorado--Mesa County.</p> | 10 |  | <p><u>The tomato psyllid and the control of psyllid yellows of potatoes / by Leslie B. Daniels.</u>
 Daniels, Leslie B., 1901-
 Potatoes--Diseases and pests--Control.</p> |

Conclusions

- Powerful, complex, and relatively mature product
- Requires close collaboration between librarians and IT staff
- Meets our requirements in: metadata, file formats, external harvesting, (user deposit)
- Establishing workflows is important
- Beneficial to set up a test server
- Questions? -- DigiTool listserv, EL Commons, Ex Libris Tech Support