

The **Archivists Round Table**
of Metropolitan New York, Inc.

Options for Small-to-Medium Archives: DuraSpace Open Source Archiving and Preservation Solutions

November 19, 2013

Jonathan Markow
Chief Strategy Officer



Who is DuraSpace?

Not for profit 501c3 formed in 2009



Bringing together of the DSpace Foundation and Fedora
Commons Organization

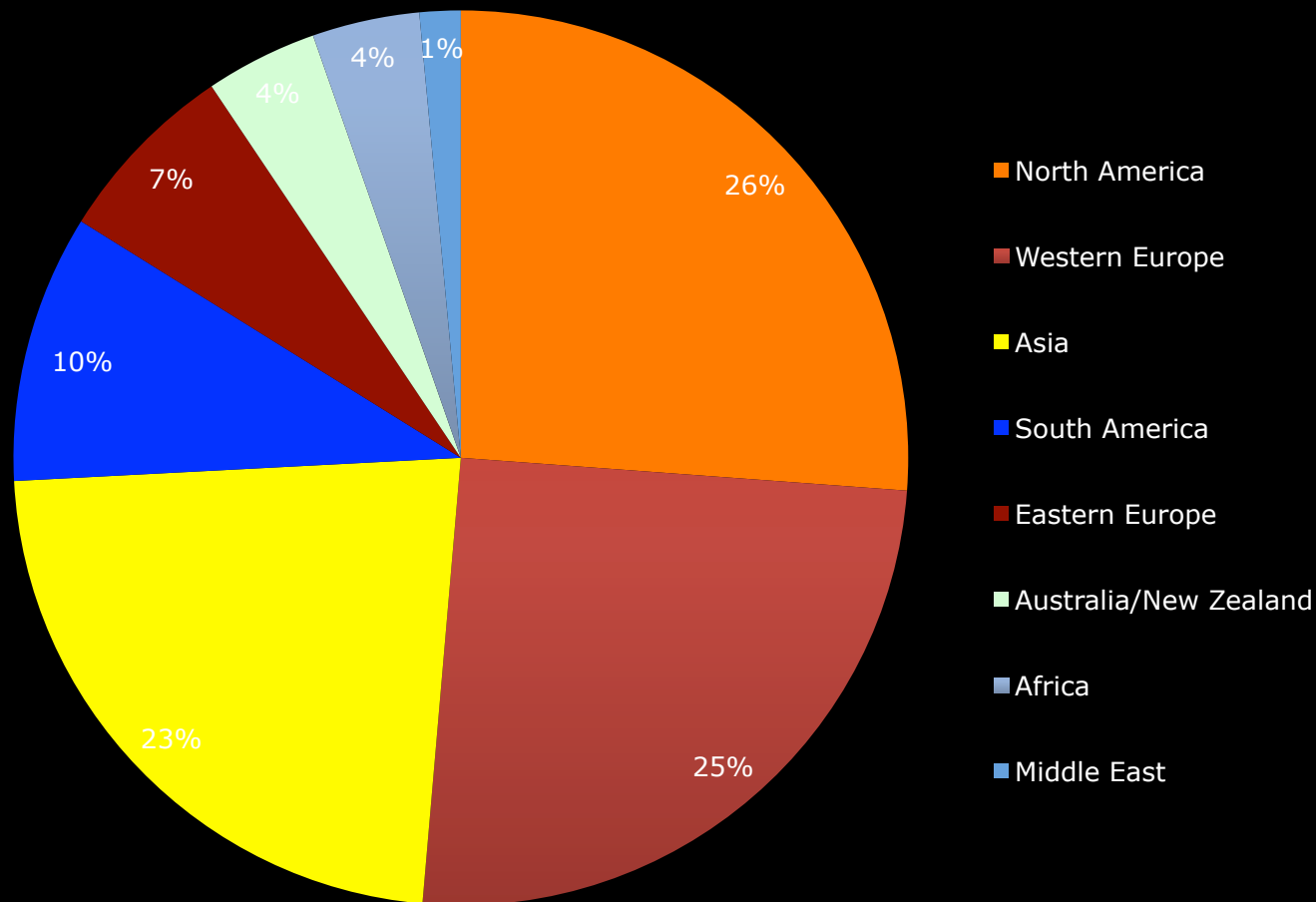


Our mission

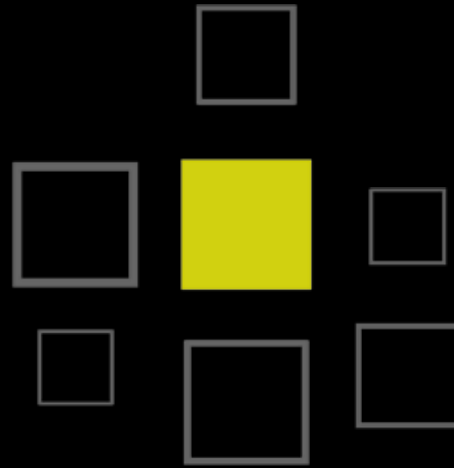
DuraSpace is committed to providing leadership and innovation for **open source** technologies that promote durable, persistent access to digital data.

We collaborate with academic, scientific, cultural, and technology communities by supporting **projects** and creating **services** to help ensure that current and future generations have access to our collective digital heritage.

Our community is global



Continued adoption around the world, particularly developing Countries



D SPACE

The DSpace Paradigm

- Community
 - Collection
 - Item



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IDEALS collects, disseminates, and provides persistent and reliable access to the research and scholarship of faculty, staff, and students at the University of Illinois at Urbana-Champaign. Faculty, staff, and graduate students can deposit their research and scholarship - unpublished and, in many cases, published - directly into IDEALS. Departments can use IDEALS to distribute their working papers, technical reports, or other research material. [Contact us](#) for more information.

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Recent Additions

[2013-11-16] [Index to Library Trends Volume 61](#)

Carson, Justine (Johns Hopkins University Press and the Graduate School of Library and Information Science. University of Illinois at Urbana-Champaign, 2013)

PDF (178KB)

[2013-11-15] [The Role of Information Technology in](#)

Top Downloads this Month

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Index to Library Trends Volume 61

Bookmark or cite this item: <http://hdl.handle.net/2142/46051>

Files in this item

File	Description	Format
61.4.carson.pdf (178KB)	(no description provided)	PDF

Title:	Index to Library Trends Volume 61
Author(s):	Carson, Justine
Subject(s):	Library trends -- Indexes
Issue Date:	2013
Publisher:	Johns Hopkins University Press and the Graduate School of Library and Information Science. University of Illinois at Urbana-Champaign
Citation Info:	In Library trends 61(4) Spring 2013: 849-883.
Genre:	Article
Type:	Text
Language:	English
URI:	http://hdl.handle.net/2142/46051

Simple search

Advanced Search

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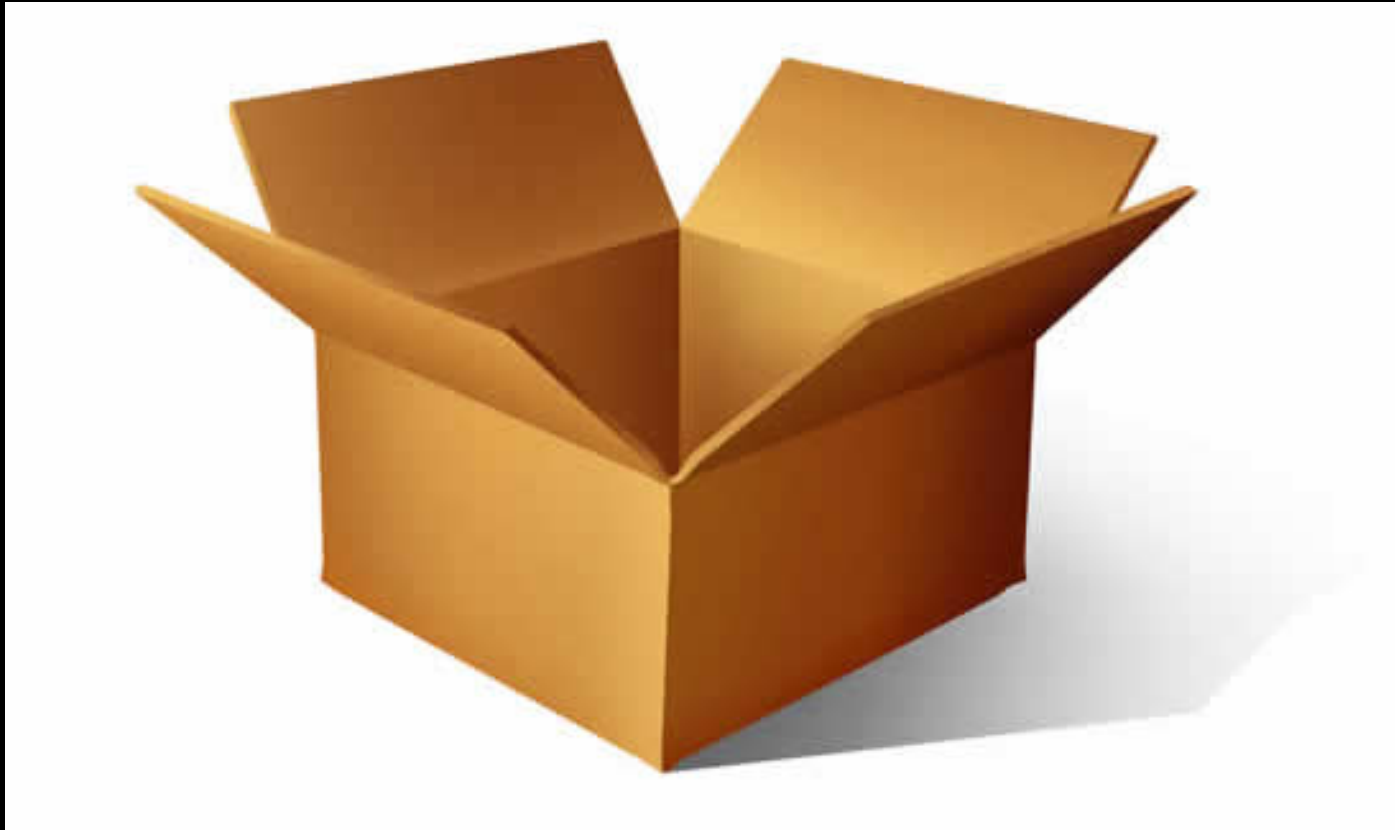
[秋田大学](#) >

Communities and Collections

Shown below is a list of communities and the collections and sub-communities within them. Click on a name to view

- **[10 教育文化学部:Faculty of Education and Human Studies](#)** [630]
 - **[10A 学術誌論文](#)** [52]
 - [10A1 雑誌掲載論文](#) [52]
 - [10A2 その他の論文](#) [0]
 - **[10B 本学紀要](#)** [546]
 - **[10B1 秋田大学教育文化学部研究紀要：人文科学・社会科学](#)** [90]
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 - [第56集](#) [4]
 - [第57集](#) [3]
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 - [第65集](#) [7]
 - [第66集](#) [5]
 - [第67集](#) [7]
 - [第68集](#) [13]

Out-of-the-Box

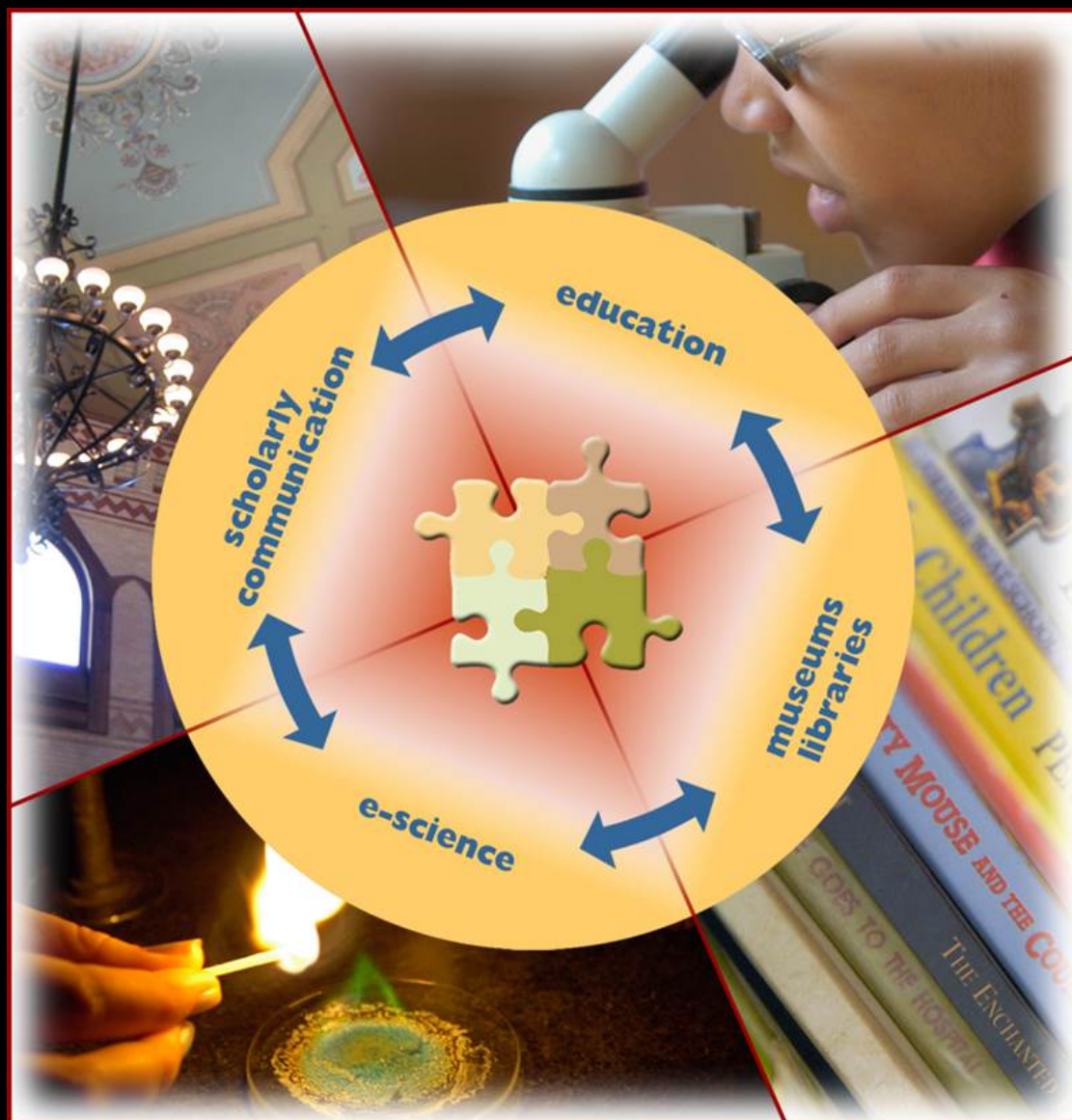


DSpace Costs

- Server & Infrastructure \$\$
- SysAdmin \$\$
- Developer(s)? Service Provider? \$\$
 - Java
- Repository Manager \$\$
- DSpace software {free}



Fedora™



Flexible
Extensible
Durable
Object
Repository
Architecture

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University related links

- [University Research Support Hub](#)
- [Library Information for researchers](#)
- [Manchester eScholar Blog](#)

FEEDBACK AND
ENQUIRIES



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deposit fulltext files and comprehensive metadata to maximise the impact and potential of your research findings



capture/import metadata from external databases e.g. PubMed, ArXiv, EndNote, Zotero, Mendeley

[Read more about the My eScholar Service](#)

For academic researchers

Sustain and enhance your research reputation, satisfy research council open access mandates, keep abreast of developments in scholarly communication.

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Recent Manchester eScholar tweets



Manchester eScholar @_escholar 14 Nov
1st @wellcometrust #openaccess monograph published today - congrats Manchester's Worboys & Homei @ManCHSTM @homeiaya bit.ly/17V4MpK
Expand



Manchester eScholar @_escholar 14 Nov
Manchester eScholar Services are now fully operational following the scheduled outage on Thursday, 14th Nov at 7.30am (GMT)



MIT Scholarly Pub @MITLibScholarly 13 Nov
Welcome to the world, @biorxivpreprint! Here's to as much success as arXiv. And to authors being clear about article versions. #openaccess
Retweeted by Manchester eScholar
Expand

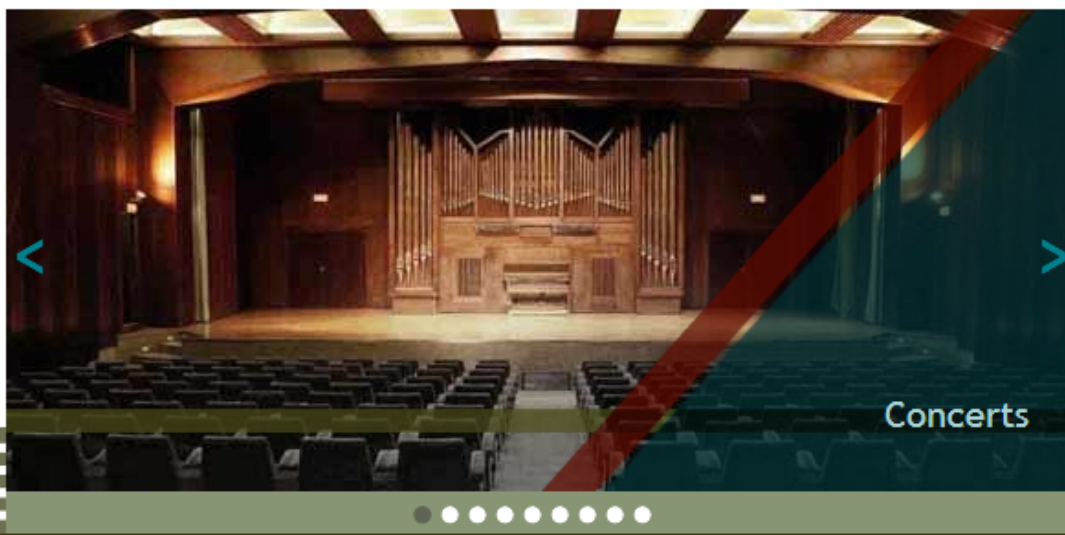


Manchester eScholar @_escholar 13 Nov
Manchester eScholar Services will be offline for 90 minutes on Thursday, 14th Nov starting at 7.30am (GMT)



CLAMOR

DIGITAL
COLLECTION
OF SPANISH
MUSIC



Clamor

Clamor is a knowledge portal that aims to gradually incorporate the Spanish music concert activity developed at the Fundación Juan March since its inception in 1975. Clamor enriches the audio of the live recordings with photographs of...

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Simple Search

Advanced Search

Access the Collection

Concerts

Composers

Works

Performers

Programs

Scores

Scores



Information regarding the scores of performed works. PDF copies (for scores published by the Foundation) or a bibliographic reference to the commercial edition (available in the Library for reference) may be available.

Search National Agricultural Library Digital Collections

Limit your search

Subjects

agricultural statistics (3064)
vegetables (915)
fruits (food) (876)
New York (569)
Michigan (450)
California (422)
potatoes (294)
United States (231)
apples (221)
onions (173)

[more...](#)

Authors

Year

 in **All Fields**

Collections Fruit and Vegetable Market News Collection x

[start over](#)

Sort by **Relevance**

1 - 20 of 3070

[1](#) [2](#) [3](#) [4](#) [5](#) [20](#)

1. 1959 Season Marketing Florida Vegetables - Selected Commodities

Subject(s): vegetables , Florida , agricultural statistics

Year: 1959

2. A brief review of the 1951 Lodi Tokay grape season



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- [Center for the Humanities](#)
- [Center for the Study of Upper Midwestern Cultures and Max Kade Institute for German-American Studies](#)
- [College of Agricultural and Life Sciences, UW-Madison](#)
- [College of Engineering, University of Wisconsin--Madison](#)
- [College of Letters and Science, University of Wisconsin--Madison](#)
- [Cooperative Children's Book Center](#)
- [Dictionary of American Regional English](#)
- [Division of Information Technology \(DoIT\) - UW Madison](#)
- [Nelson Institute for Environmental Studies](#)
- [Robert M. La Follette School of Public Affairs](#)

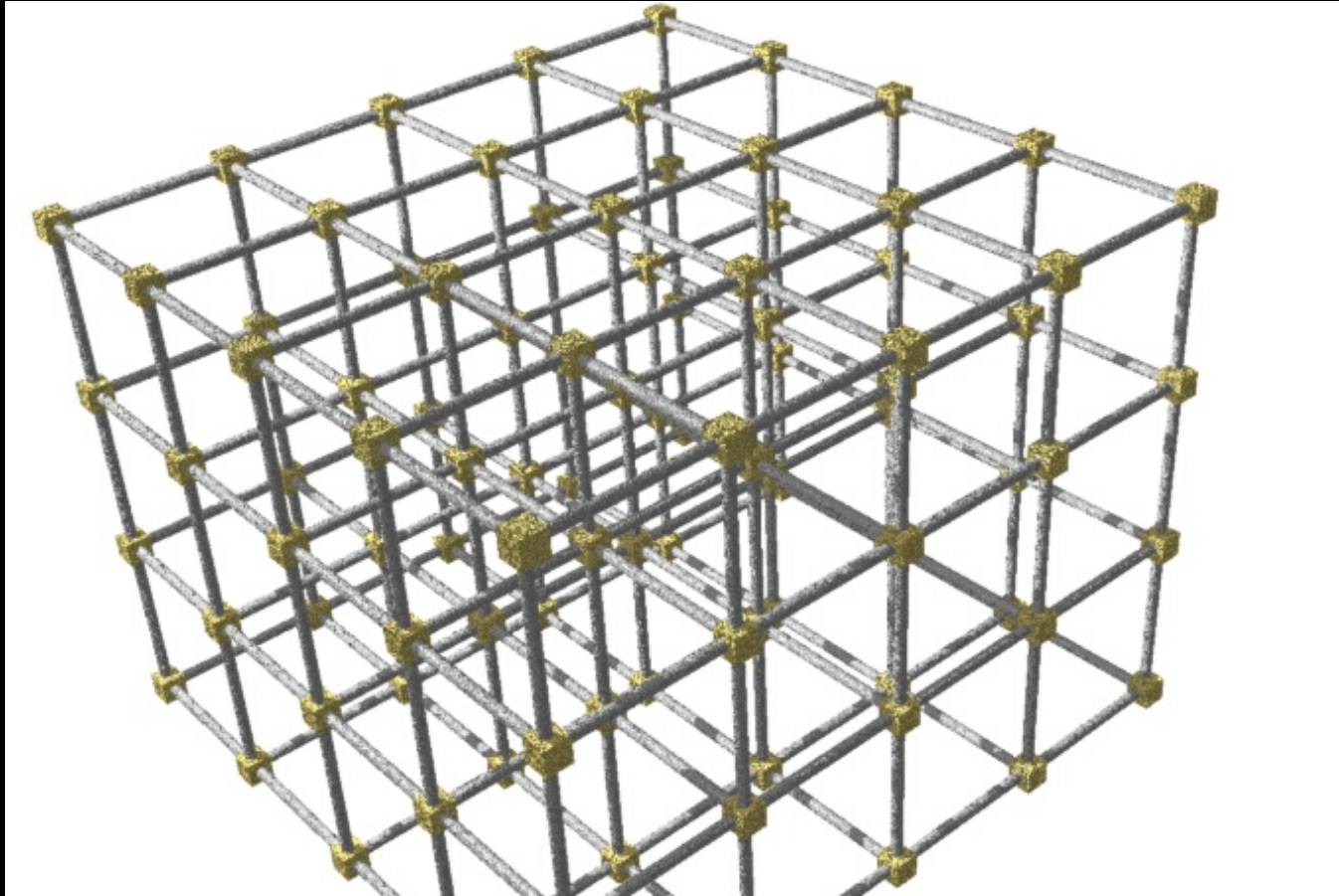
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It's a Framework



Fedora Costs

- Server and infrastructure \$\$
- SysAdmin \$\$
- Developer(s) or Service Provider \$\$
 - Java (plus application building tools)
- Repository Manager \$\$
- Fedora software {free}
- A longer implementation

Tools for Building Fedora Applications



Drupal front end to Fedora
<http://islandora.ca>



Stewards **by nature.**



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The BRIT Libraries

The BRIT Libraries serve to support botanical research, in Texas and elsewhere in the world. The scientific reference collection includes materials valuable for research, particularly in systematic botany. The collection has been selected to represent a comprehensive library of botanical science.

The collections also support science educational programs sponsored and hosted by BRIT. Students and teachers use books from BRIT's library to enrich their studies and to reach a fuller understanding of the value of plants.

The BRIT libraries are among the largest and finest collections of botanical literature in the southwestern United States.

The libraries operate as a reference libraries and are open for public use by appointment, from 10 a.m. to 5 p.m., Monday through Friday.

Library inquiries please email library@brit.org

Collections

[Herbarium](#)

[Library](#)



Research Library

The BRIT Botany Library is one of the largest and finest collections of botanical literature in the southwestern United States...[read more](#)



Archive Collection

The Archive Collection contains documents of historical interest, including the personal collections of notable botanists...[read more](#)



Burk Children's Library

The Oliver G. Burk Library holds nearly 4,000 titles, sure to attract children and adults interested in science...[read more](#)

Tools for Building Fedora Applications



Ruby-on-Rails front end to Fedora
<http://projecthydra.org>

SEARCH

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What is ScholarSphere?

ScholarSphere is a secure repository service enabling the Penn State community to share its research and scholarly work with a worldwide audience. Faculty, staff, and students can use ScholarSphere to collect their work in one location and create a durable and citeable record of their papers, presentations, publications, data sets, or other scholarly creations. Through this service, Penn State researchers can also comply with grant-funding-agency requirements for sharing and managing research data.

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[Closing the Loop:...](#)
[2013PosterP_Closingthe...](#)
[Penn State Hershey Nursing, Stroke, Follow-Up Reports](#)

D SPACE DIRECT

A DuraSpace Hosted Service

Standard Features

- Hosted DSpace installation of latest release
- Managed system administration
- Annual upgrades
- Unique, persistent IDs via Handle System
- Search engine optimization for Google, Google Scholar, etc. (includes sitemap creation)
- Basic site branding
- User, group, permissions management through DSpaceDirect admin console
- Basic usage statistics and reporting

More Standard Features

- Integration with Google Analytics (optional)
- Access to customer support ticket system including 10 free support requests in first 90 days
- Upgrade your subscription at any time
- Customizable approval workflow
- Customizable deposit license for content submissions
- Batch edit metadata
- Open source
- Migrate to locally hosted DSpace at any time



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Discover

Author

[Adler, Simone \(2\)](#)
[Bockelie, Josette K. \(2\)](#)
[Chenette, Rachel \(2\)](#)
[Lydenberg, John \(2\)](#)
[Temple, Eden M. \(2\)](#)
[Woodworth, Robert H. \(2\)](#)
[Albanese, Sarah \(1\)](#)
[Anderson, Lindsey \(1\)](#)
[Andrew, Ariel C. \(1\)](#)
[Bailey, Jenny Rae \(1\)](#)
[... View More](#)

Subject

[FORESTRY, AGRICULTURAL
SCIENCES and LANDSCAPE](#)

Bennington College Digital Repository

The Bennington College Digital Repository is an archive for the collection, preservation, and distribution of scholarly work and historical material from [Bennington College](#).

Communities

Select a community to browse its collections.

- [Bennington College Archive](#)
- [Faculty](#)
- [Students](#)

Search

Enter some text in the box below to search.

Go

Recently Added

[Struck by lightning: using memoir and metaphor to explore adaptation in the offspring of bipolar parents](#)

Hall, Mary E. (2011-06)

This thesis explores adaptation in the offspring of bipolar parents. The offspring of bipolar parents face unique genetic and environmental challenges that put them at high risk for the development of psychopathology and ...

["L'ossessione lirica della materia": il montaggio futurista nella poesia e nelle arti visive](#)

Gounalis, Nicole (2010-12)



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Communities

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 - [Bennington College Farm](#)
 - [Wartime Farm Project](#)
 - [Bennington School of the Dance](#)
 - [Correspondence and Memos](#)
 - [Drama](#)
 - [Programs & Posters](#)
 - [Entering Class Photographs](#)
 - [1932](#)
 - [1933](#)
 - [1934](#)
 - [1935](#)
 - [1936](#)
 - [1937](#)
 - [1938](#)
- [Faculty](#)
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 - [Senior Projects & Theses](#)
 - [On Campus Access](#)
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☐ This Collection

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This Collection
[By Issue Date](#)
[Authors](#)
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Discover

- Date Issued
[1933 \(80\)](#)

1933

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- [Authors](#)
- [Titles](#)
- [Subjects](#)

Search within this collection:

Recent Submissions

[Zimbalist, Maria](#)
Unknown author (1933)

[Woolley, Doriane](#)
Unknown author (1933)

[Wood, Catherine](#)
Unknown author (1933)



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☐ This Collection

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Wood, Catherine

URI: <http://hdl.handle.net/11209/236>

Date: 1933

[Show full item record](#)

Files in this item



Name: Wood, Catherine.jpg
Size: 320.3Kb
Format: JPEG image

[View/Open](#)

This item appears in the following Collection(s)

- [1933](#)





**National Children's
Advocacy Center**

CALiO Search

[Login](#)

CALiO Search Home

Welcome to CALiO Search

Welcome to the Child Abuse Library Online (CALiO) Search. This is a service provided by the [National Children's Advocacy Center](#) allowing you to access and add many documents to the collection.

More information about CALiO may be found at calio.org.

Communities

Select a community to browse its collections.

- [Child Abuse Library Online \(CALiO\) Community](#)

Search

Enter some text in the box below to search.

Recently Added

[Treatment Models for Poly-victimization: Summary of Key Points](#)

Banyard, V., Hamby, S., & Turner, H. (National Children's Advocacy Center, 2013)

Summary of key points from White Paper of same title.

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Author
[National Children's Advocacy Center \(32\)](#)
[National District Attorney's Association \(25\)](#)
[National Center for Prosecution of Child Abuse \(22\)](#)
[Office of Juvenile Justice and](#)

DURA
SPACE™

DSpaceDirect Costs

- Repository Manager \$\$
- DSpaceDirect Subscription
 - \$3,500 to \$7,500/yr (based on size)
 - Supplementary services available (e.g., Shibboleth integration, custom URL, others)

From Complexity to Simplicity



DSpaceDIRECT



Preservation in the Cloud

A DuraSpace Hosted Service

DuraCloud is:

- Hosted service
 - Runs on cloud-based compute systems
 - Connects to cloud-based storage systems
 - Provides a service platform
- Open source software suite

Primary Goals:

- Simplify the path to the cloud
- Add **preservation functionality** to the cloud
- Provide a service platform
- Enable a community-based cloud solution

Upload

Select a single file using the file chooser or drag and drop files from your computer onto the dotted square to upload

Choose File No file chosen

OR

Optionally drop files here

[Want to make uploads automatic?](#)

Close

DURA
SPACE™

Overview

Stop Start



Running

Sync Started Fri Sep 20 15:19:59 PDT 2013
Queue Size 6
Error Count 0

Active Syncs

Download History

There are no active uploads at this time.

Recent Activity

File (hover for full path)	Action	Size	Duration	Completed
icon_128x128.png	Added	18.5 KB	18 secs	09/20/13 03:14 PM
icon_16x16.png	Added	3.5 KB	18 secs	09/20/13 03:14 PM
.DS_Store	Added	6 KB	18 secs	09/20/13 03:14 PM

Queued for Synchronization (6) Errors (0)

File Path	Size	Last Modified Date
/Users/danny/Desktop/demo-photos/.DS_Store	6 KB	09/20/2013 15:18 PM PDT
/Users/danny/Desktop/demo-photos/IMG_0025.jpg	2.4 MB	08/13/2013 11:53 AM PDT
/Users/danny/Desktop/demo-photos/IMG_0092.jpg	1.9 MB	09/15/2013 11:04 AM PDT
/Users/danny/Desktop/demo-photos/IMG_0628.jpg	52.1 KB	11/15/2011 15:17 PM PST
/Users/danny/Desktop/demo-photos/IMG_2514.jpg	45.9 KB	05/31/2013 14:32 PM PDT
/Users/danny/Desktop/demo-photos/IMG_2720.jpg	3.5 MB	07/01/2013 09:36 AM PDT



Spaces

+ Add Space

filter

- ☐ ace
- ☐ colostate1
- ☐ colostate2
- ☒ creighton
- ☐ keystone
- ☐ krex-production
- ☐ krex-test
- ☐ rate-test
- ☐ trash
- ☐ x-duracloud-admin
- ☐ x-service-out

Content Items

Refresh

+ Upload

Showing 1 - 158 of 158

type prefix

- ☐ ITEM@10504-105.zip
- ☐ ITEM@10504-106.zip
- ☐ ITEM@10504-107.zip
- ☐ ITEM@10504-108.zip
- ☐ ITEM@10504-109.zip
- ☐ ITEM@10504-110.zip
- ☐ ITEM@10504-111.zip
- ☐ ITEM@10504-112.zip
- ☐ ITEM@10504-113.zip
- ☐ ITEM@10504-114.zip
- ☐ ITEM@10504-116.zip
- ☐ ITEM@10504-118.zip
- ☐ ITEM@10504-1352.zip

Space Detail

creighton

Delete Space

Make space publicly readable

Streaming: ☒ On

Permissions

Edit

+ Add

User/Group

Read

Write

creighton-demo

☒☒

Details

Items 158

Recount

Created 2013-08-19

Last Health Check Sat Nov 09 12:21:20 UTC 2013 - success [report]

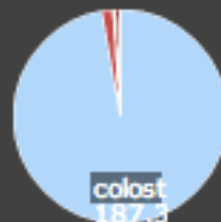
History

History

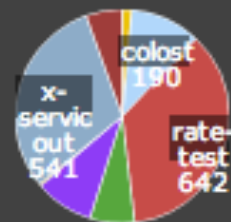
Cumulative Byte and File Counts Over Time



Spaces as of Nov 8, 2013

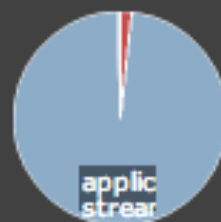


File Size
Total: 192.72GB

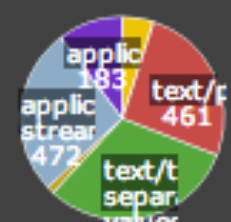


File Count
Total: 1780

Mime Types as of Nov 8, 2013



File Size
Total: 192.72GB



File Count
Total: 1780

DuraCloud Costs

- Repository Manager \$\$
- Local data sources \$\$
- DuraCloud Subscription
 - Starts at \$1,500/yr for 1st TB
 - \$1,000 for additional TBs

Some Useful Integrations

Fedora → DuraCloud or

DSpace → DuraCloud or

DSpaceDirect → DuraCloud

=

Archiving, Discovery, Access, and
Preservation

Links

Duraspace.org

Fedora.org

Dspace.org

Dspacedirect.org (*beta program*)

Duracloud.org

jjmarkow@duraspace.org

csmith@duraspace.org (DSpaceDirect Beta)