

OswegoDL: The SUNY Oswego Digital Library Penfield Library Project Proposal

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Date: January 5, 2016

Purpose Statement (Goals and objectives):

How will this project benefit the library and its customers and support our mission and/or the Academic Affairs priorities?

What are we doing and why?

SUNY Oswego has both historical resources in the Special Collections archives and scholarly and creative work of our faculty and students with limited accessibility to the public. This project aims to offer the College an opportunity to make access to those resources more open and equitable. The project is to build a searchable digital library, called the SUNY Oswego Digital Library (OswegoDL). The OswegoDL will include multiple collections that are categorized into two sections:

- the Penfield Library Special Collections. This section is an online archive of library-held content currently hosted in Past Perfect, Ensemble, and other repositories. The value of placing copies of this content to a new system is that they will then be searchable in a single public interface that makes those items available worldwide. Some collection examples include Special Collections Archives, Commencements, and Display to Archives. More information about collections are in Methodology/Approach and Appendix I. Penfield Library Special Collections and Selective Phase I College Collections, including anticipated development phase.
- the College-wide Institutional Repository (SUNY Oswego IR). This section will enable College units outside the library to develop and maintain their own repositories (collections) that can be made public or private. The Institutional Repository is the central location for the collection, preservation, and dissemination of scholarly, research, and creative production alongside other College materials developed by Faculty Assembly committees and other groups. The collections can be searchable and the overall IR showcases the variety of work being done at the College. Some examples of collections may include Quest, English, Great Lake Review, Campus Update, and minutes from Faculty Assembly committees.

In this initial phase of OswegoDL development (OswegoDL Phase I), we will include Penfield Library collections and selective College collections for which we have gained faculty/unit support and commitment to develop (see Appendix I. regarding collections. NB: Other prospective collections are included in the Appendix, and are identified as such). The challenges and successes of this initial phase to build College collections will help us to determine manageable scope for future collections, and to develop a plan to recruit additional College units to participate as active contributors to grow and sustain the SUNY Oswego IR in the OswegoDL (Phase II).

This OswegoDL project directly addresses the Library's strategic goals, including:

- Performance Driver 3.1 to improve sharing and access to our unique Special Collections archives, including college history materials.
- Performance Driver 5.1 to preserve, provide access to, and celebrate the college's relevance through history, which in turn is related to the Academic Affairs Goal 1: Enrich academic excellence; and 4: Promote social responsibility.

Further, the OswegoDL meets some College's Tomorrow Plan goals to:

- Provide diversified outreach programs to increase alumni engagement and lifelong affiliation with the institution (Performance Driver 1.2);
- Empower and recognize faculty and staff participation in collaborative and cross-cutting research and creative work (Performance Driver 2.6); and
- Elevate and support productive external partnerships (Performance Driver 3.1).

Methods/Approach:

Multiple steps have been taken in fall 2015 to prepare for the OswegoDL Phase I: Initial Development. This work includes review of digital asset management systems and evaluation of the needs of the library and potential College partners. Development of the OswegoDL will be throughout the spring 2016 semester.

Review of Options and Selection of a Digital Assets Management System.

The Associate Director selected a number of digital asset management system (DAMS) to review including BePress, Sobek, and DSpace, while Libris was recommended for review by Dan Laird. Meetings were held with representatives to discuss each product, and to provide faculty, librarians, and technology personnel with information about various features and functionality available. After a review of these DAMS, product features and cost estimates were compared (see Appendix IV. Digital Asset Management System Functional Comparison Spreadsheet (simple)). The comparison spreadsheet shows that the two strongest performers, BePress and Sobek, offered nearly all of the same essential or preferred functionality, but differed markedly on cost. Features that were desired by some faculty (journal and conference management) are not available or not yet available in Sobek.

Journal and conference management are outside of the scope of this project. If requested in the future, the Associate Director is able to offer assistance in reviewing other, more affordable solutions for these services.

The Associate Director decided that selection of a DAMS should partially be based on the support and assistance from the vendor to map fields to more standard metadata and migrate content to the new solution. In addition, from an administrative point of view, back end ease of use is critical to ensure College collection managers remain invested in the project.

Sobek's cost and features list, along with its support for mapping and migrating Past Perfect content on an accelerated timeline, made this the selected DAMS.

Investigation of Repository Needs of Library and Selective College Units.

In tandem with the DAMS review, the Associate Director began to investigate the needs across the College, including the Library. The Associate Director agreed that Special Collections should maintain their workflow using the Past Perfect archival management system that has been used since 1999.

The Associate Director identified several key groups interested in creating collections in a College-wide repository; those interested includes academic affairs units (Campus Technology Services, Extended Learning, Library), and college programs (Quest, English), and other units (Photography). Individuals came to vendor demonstrations and/or participated in a needs assessment questionnaire. The survey included a number of features and functionality that are commonly found in DAMS. These features and functions apply to both collection and individual item views. Results of the survey (n=4) are found in Appendix II. Needs assessment of pilot groups.

OswegoDL Phase I: Initial Development.

Penfield Library Content.

Several collections (not exhaustive) are identified in the Appendix I. Penfield Library Special Collections and Selective Phase I College Collections. The initial development phase will not include all Special Collections collections listed at this time. Below are some Special Collections development subprojects that will be done for the initial launch of the OswegoDL.

- Special Collections and Archives Collections. Manuscripts and Oral Histories Collection and Archives Photograph Collections will be the largest collections in the OswegoDL Special Collections collection. A team that includes the Associate Director, Library Technology Coordinator, Special Collections Assistant Coordinator, and programmer, will migrate digital items from Past Perfect after a thorough review and mapping of the content to standard metadata schema. This includes Past Perfect-defined catalogs including:
 - Archives - 1684 records of manuscripts, maps, 303 container lists etc.
 - Photos - 3084 photo entries/records. Attached to these records are 24,000+ images.
 - Library - 2465 records with books, articles, and Display to Archives items, and
 - Objects - 861 records of programs, invitations, etc.

All items will be mapped and migrated from Past Perfect with the help from a programmer. However, not all items migrated will be in a public collection at the initial launch of the OswegoDL, as restrictions for some items apply and processing will take some time. NB: Doing the mapping now for all items is helpful for possible future migration to a new archival management system.

- Commencement programs in DSpace will be migrated once the Commencement Collection is developed in the new system.
- Multimedia Collections. The collections will include those video and audio digital objects hosted in Ensemble, and include subcollections including Commencements, Safe Haven, and Pan Am. At the initial launch of the OswegoDL, we will create records for these objects, and use the Ensemble embed code for the appropriate records.

SUNY Oswego Institutional Repository (SUNY Oswego IR) Collections.

Several units that have been involved with the review of the DAMS will be included in the initial launch of the OswegoDL, including Quest, English, Great Lake Review, and some of Photography. Most personnel have participated in the assessment of needs (See Appendix II. Needs assessment of pilot groups) and have agreed to be responsible for providing content, which includes collecting, uploading, and processing items to the collection. We will hold training with these participants with the Sobek trainer.

OswegoDL Phase II.

After the launch of the OswegoDL in late Spring, review of feedback from collection managers, users, and statistics will inform marketing and recruitment for Phase II, which is not part of this project proposal.

Schedule (planning, implementation, public release):

| Date | Task | Responsible Party |
|----------------------------------|--|--|
| Fall Term- November 2015 | Review vendors and create a comparison spreadsheet. Identify pilot collection managers. | Associate Director |
| December 2015 | Conduct an initial needs analysis of library and pilot College collection managers. | Associate Director with aid from Library Technology Coord |
| December 2015/January 2016 | Identify and extract content from Past Perfect to appear as desired in OswegoDL. Prepare draft of Project Proposal. | Special Collections, Library Technology Coordinator, Associate Director |
| January/Febr uary 2016 | Consult with Sobek programmer on mapping and upload Past Perfect content into Sobek. | Special Collections, Library Technology Coordinator, Associate Director |
| January 2016 | Finalize Project Proposal and distribute to Advisory Group. Include appendices to provide comparison spreadsheet, needs assessment of pilot groups, and a general draft workflow for library administration of the Digital Repository. | Associate Director |
| January 2016 | Reach out to Sean Moriarty, Dan Laird, Greg Ketcham, Leigh Wilson, Roger Taylor, Jim Russell. Identify College collections for pilot and create shells. Identify DSpace content to migrate. | Associate Director, DSpace Admin/Special Collections |

| | | |
|-----------------------|---|---|
| late January 2016 | Arrange training of Sobek for library/CTS admins and College collection managers with Sobek programmer/trainer. | Associate Director |
| January/February 2016 | Train OswegoDL admins. Train collection managers on basic processing workflow. Work with Collection managers to identify collection needs and create templates for collection and workflow documentation. | Sobek Programmer and Associate Director |
| February 2016 | Develop a Past Perfect workflow for exporting content to Sobek. Work with Collection managers to create workflows. | Special Collections, Library Technology Coordinator, Sobek Programmer |
| February-April 2016 | Process Special Collections items, including Commencement collection (with DSpace content). | Special Collections and Associate Director |
| February 2016 | Train collection managers on collection homepage design. Create OswegoDL homepage and collection homepages. | Associate Director, Webmaster, Collection managers |
| February-April 2016 | Assist Collection managers in additional training and resolving processing issues, etc. | Sobek Programmer and Associate Director |
| April 2016 | Official Launch of OswegoDL | All |
| April/May 2016 | Draft marketing/promotion plan for current collections. Promote OswegoDL and to recruit new collection managers. | Associate Director |

History/Precedent:

Have we tried this before and what was the outcome?

What evidence is there of success at other institutions?

The College has a history of distributed collections, with a variety of formats, maintained by content owners; there has not been serious discussion about a College-wide solution. The College subscribes to a streaming service, Ensemble, which is currently being used by Campus Technology Service (which also administers this service), Extended Learning, and the Library.

SUNY Oswego has a DSpace community and several collections within the SUNY DSpace instance. SUNY Oswego's DSpace community is accessible at <https://dspace.sunyconnect.suny.edu/handle/1951/382>. This repository was brought online in the mid-2000s, and was populated with several collections with content from the Library, and departments/units including Art, Biology, Curriculum and Instruction. The Oswego DSpace community is not linked from anywhere except from the main SUNY Digital Repository site.

Titles to which the library continues to add content include Display to Archives, Great Lake Review, Campus Update, and the Penfield Newsletter. The library does not use the DSpace interface when linking to Display to Archives or the Penfield Newsletter, instead linking directly to the digital objects. The library does, however, link to the DSpace interface for the Great Lake Review (linking to the full record for each issue) and the Campus Update. At present, many of the department and college unit collections are not maintained.

Many other academic and research libraries have successfully launched and maintain DRs for their constituents. Some DRs are powered by open source DAMS (e.g. Islandora, DSpace, Sobek), while others are proprietary (e.g. BePress). Those institutions with open source solutions choose to 1) maintain their own server(s) and locally hosting DAMS software or 2) use hosting services from their selected providers. With limited staffing and budgets, hosted services are often preferable.

With technology becoming more robust to support multiple formats, and with cheaper storage options and hosting services, this current investigation uncovered several solutions that could work for many stakeholders interested in a digital repository (DR) for the College.

Collaborations/Dependencies:

What other areas of the library/college will be impacted by this project?

How are they involved in the development of the project?

(Before submission please discuss this project with all whose names appear on this document.)

With our collective knowledge of information/database management and digital libraries, the library team will serve as the DR management team with help from CTS as necessary (Dan Laird has agreed to assist with this); this management structure is consistent with other academic libraries that offer repository services and an online archive. For the initial launch of the OswegoDL, the Associate Director will serve as the Phase I development lead, with the Library Technology Coordinator (LTC) serving as the Past Perfect migration lead (working with Nancy Johnson) to export content out of Past Perfect. The mapping of metadata to the new system will be completed by the Sobek programmer, after discussion with the LTC and Special Collections to understand the cataloging of these records and export of Past Perfect catalogs.

Because of the nature of an institutional repository, the library will enable many units across the College to create their own collections. The Library has identified Phase I collaborators to add their repository items/content to the SUNY Oswego IR. Each of the collection managers will need to identify the types of materials that will be included, who contributors are, etc. The library will set up unit collections (e.g. creating the collection shell using a metadata template that fits the needs of the collection) and schedule training for collection managers. The library may offer training as well, but will primarily serve as the liaison between the hosting company and collection managers. Collection maintenance (identifying, uploading, and processing content) is intended to be the responsibility of individual units.

Continuous Improvement:

How will the project be evaluated? How will we know it is successful?

Is the project sustainable, if successful?

Success will be evaluated based on quantitative and qualitative data. Formal and informal feedback will be gathered from Collection managers about the ease of use of the software,

collection appearance, etc. through surveys and discussion. Quantitative data will be from statistics of items held and use of the collections/items. The project is sustainable if the Collection managers see a rise in use of materials, feedback from their intended audiences, and possible recruitment of new collections after Phase I of this project.

Other Considerations:

Items currently exist in DSpace. Our DSpace administrator will learn what guidelines SUNY has for removing collections. Once this is understood, the Associate Director and DSpace Administrator will discuss what to do with content, e.g. select content to migrate to the new system with appropriate collection managers, or abandon a collection if a manager cannot be identified or statistics suggest little use of a collection. Library-supported collections will be migrated.

Resources Needed:

(personnel, technology & other equipment or supplies, space, etc.)

Current library staff will execute this project. The library will manage the following:

- Development and oversight of the institutional repository.
- Coordination with hosting company and Collection manager needs.
- Coordination of faculty/unit trainings.

Project Budget (est):

Proposals should be reviewed during their development by all department coordinators or team leaders involved in the project, then forwarded to the Library Director by the project sponsor. You are encouraged to involve the Library Director at any step of this process when it would be helpful in moving the discussion forward.

As of December 2015, the cost of Sobek signature hosting (including development, training, and support) is anticipated to be \$2,500 annually, unless Oswego FTE changes or we need more storage (currently annual subscription is for 500 GB. An additional \$250 will be billed for storage needs of 501GB to 3TB). Initial funding for the OswegoDL will be through the Provost's discretionary funds and library funds. Continuing hosting and support for OswegoDL through Sobek will be funded through library funds.

If known, enter the Project Manager's name: Marilyn Ochoa, with support from the Special Collections unit, Library Technology Coordinator, Webmaster/DSpace Administrator

If relevant, approved by (name/date):

- **Librarians or teams impacted:**
- **Advisory Group:**
- **Library Director:**

Supplemental Information:

Appendix I. Penfield Library Special Collections and Selective Phase I College Collections:
Description, General Needs, Collection Manager

Appendix II. Needs assessment of pilot groups

Appendix III. Digital Asset Management System Functional Comparison Spreadsheet (simple)

Appendix IV. Interface of DAMS as provided by Sobek

Appendix I. Penfield Library Special Collections and Selective Phase I College Collections: Description, General Needs, Collection Manager

Penfield Library Special Collections

Archives Photograph Collection

Public collection from Archives Catalog in Past Perfect.

Collection Manager: Special Collections

Commencement Collection

Public collection linking from Ensemble. Need to migrate corrected records of commencement programs from DSpace. A record will be created for each video with embed code from Ensemble. The DSpace/migrated program will be linked to the appropriate record.

Collection Manager: Special Collections. Natalie Sturr, Marilyn Ochoa (initial)

Manuscripts and Oral Histories Collection

Public collection with some suppressed content.

Collection Manager: Special Collections

Display to Archives

Public collection includes bibliography, slideshow, and first page of individual articles. Collection Manager: Special Collections. Marilyn Ochoa (initial)

Restricted Items

Private collection includes deaccessioned items in Past Perfect, items restricted by donor or department requirement.

Finding Aids and Container Lists

Public collection from multiple catalogs in Past Perfect.

Collection Manager: Special Collections

SUNY Oswego Institutional Repository

Student Publications

- Great Lake Review
Public collection.
Some migrated content from DSpace along with new content.
Collection Manager: Danielle Minnick
- Quest
Public collection with potential embargoed content.
Collection Manager: Roger Taylor

Academic Departments

- English and Creative Writing, IPAC
Public collection with potential embargoed content.
Collection Manager: Leigh Wilson

- Penfield Library Newsletter
Public collection.
Collection Manager: Emily Mitchell

College Units

- Publications
Public collection with potential embargoed content since “most of the images are not public domain and ... safeguards are needed to prevent inappropriate use of photos. This concern is not only of copyright or usage limits, but more so of individual privacy and the original intent for which people were photographed. Images should be available and appear in browsing and searches, but I need to find a way to make them unusable until approved, maybe on a case by case basis. One possible solution, and very unpopular, is to watermark most everything. Users would have to request non-watermarked originals of specific images.”
Collection Manager: Jim Russell
- Campus Update
Public collection.
Collection Manager: Special Collections (initial) Public Affairs?

Faculty Assembly

- Undergraduate Curriculum Committee: Public collection.
Collection Manager: Kathryn Johns-Masten (initial)

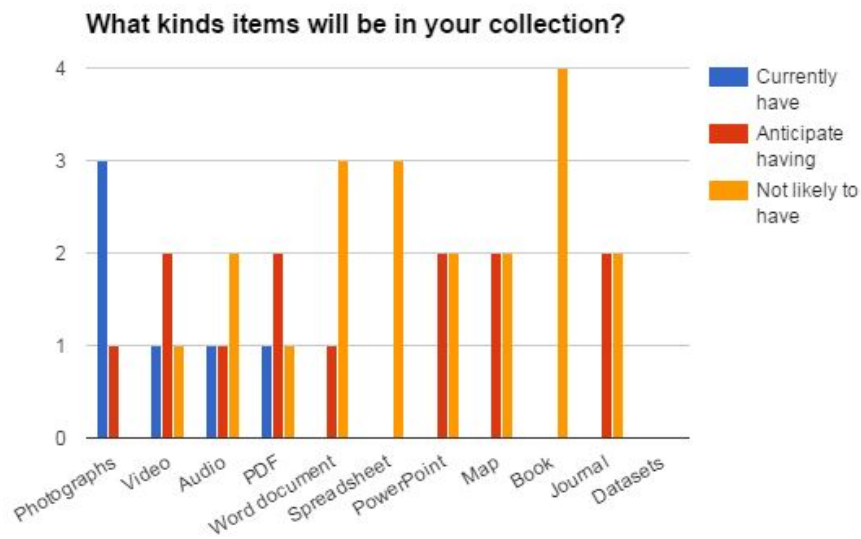
Appendix II. Needs assessment of pilot groups (n=4)

Prospective collections/participants:

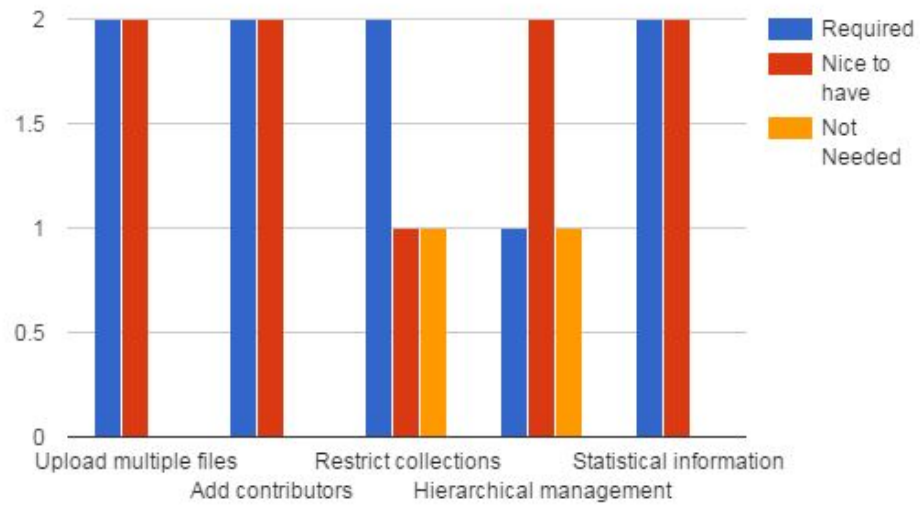
- Communications & Marketing, Alumni, Admissions and general campus photography for publicity, marketing and advertising use.
- Quest
- Special Collections
- English and Creative Writing, IPAC

Collection managers will be responsible for providing content and uploading and processing items to the collection. Do you see these as a barrier to adopt this technology?

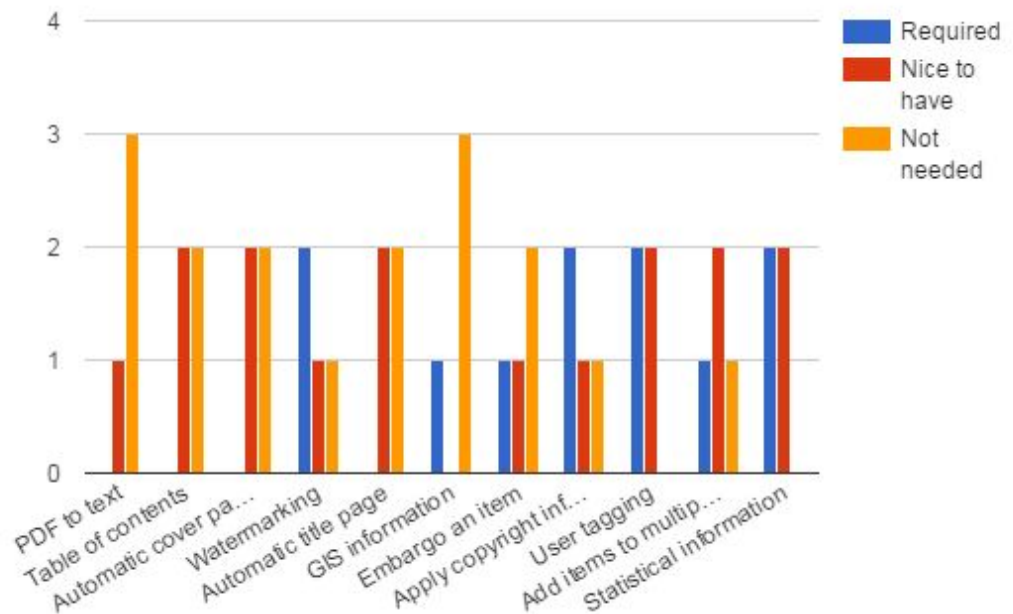
- no=3
- yes=1



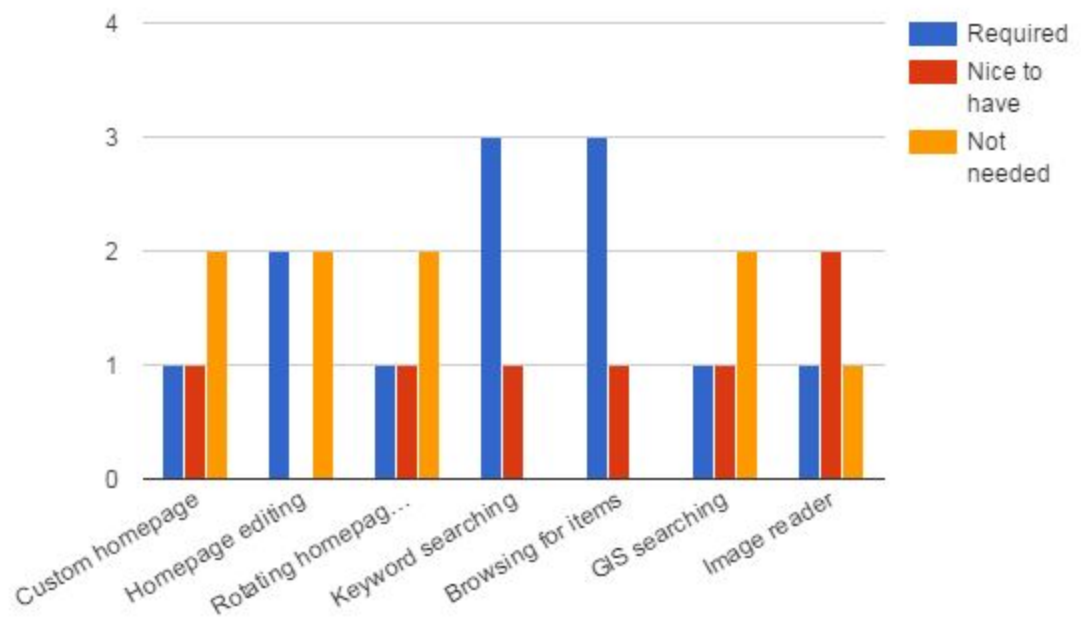
Please indicate what features you need to manage your collection.



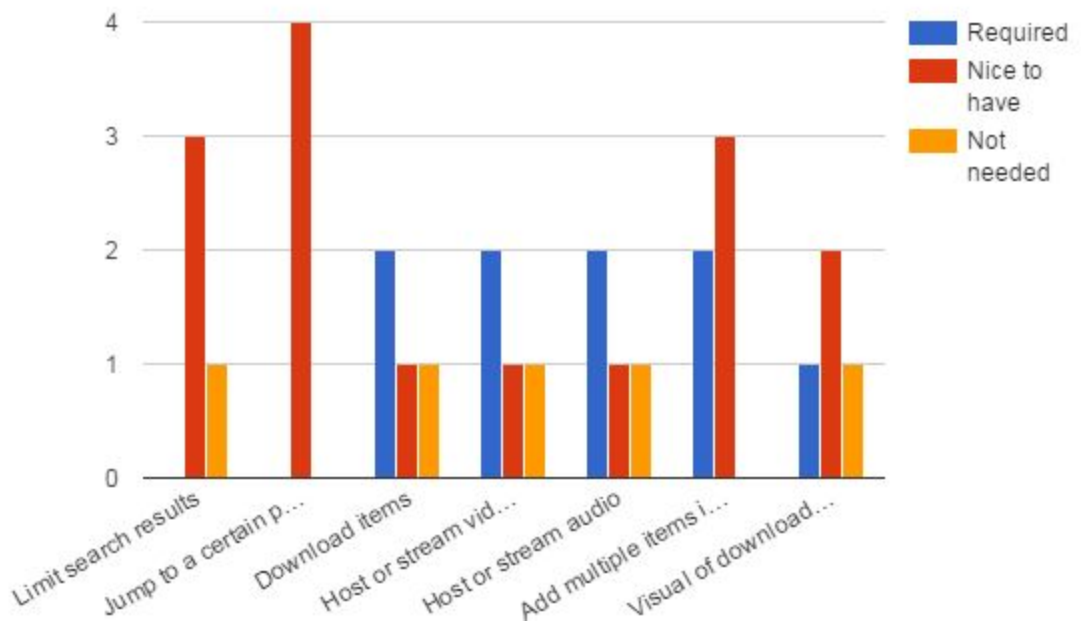
What features do you want for individual items?




What collection web and search interface options do you want?




What collection web and search interface options do you want?



Appendix III. Demo Interface of DAMS as provided by Sobek
<http://oswego.sobeklibrary.com/>

SUNY Oswego Portal

myOswegoDL Home | Help

SUNY Oswego Demo Digital Library

[OSWEGODL HOME](#) [ADVANCED SEARCH](#) [TEXT SEARCH](#) [VIEW ITEMS](#)

Search Collection:

[PRINT](#) [SEND](#) [SHARE](#)

Go

Welcome to the SUNY Oswego Demonstration Instance




This is a demonstration instance of the open-source SobekCM Digital Repository software for SUNY Oswego to work with, upload material, etc.. This site will be populated with test items.

Once you are registered, and given system administrator rights, you can change this text by hovering over this text once you are logged on.



This site is hosted and maintained by Sobek Digital Hosting & Consulting, LLC. If you have any questions about this instance, or possibilities working with this software, please do not hesitate to contact us.

[LIST VIEW](#) [BRIEF VIEW](#) [TREE VIEW](#)

PENFIELD LIBRARY COLLECTIONS

 Commencements  Demo Collection for Testing  Special Collections

SUNY OSWEGO INSTITUTIONAL REPOSITORY





 Communications & Marketing  Quest

State University of New York at Oswego
7060 Route 104
Oswego, NY 13126-3599
Phone: 315.312.2500

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Vendor Comparison Detailed (for public)

| Digital Asset Management Systems Features Comparison | | | | | Unit Need: please indicate Library, Extended Learning, CTS, DigitalOz, Quest, etc. | | | | |
|--|--|---|---|-------------------|--|-----------------------|------------|--|--|
| Feature | DSpace | BePress | Sobek | Libris | Essential | Preferred/Nice to Hav | Not Needed | | |
| Collection Management | | | | | | | | | |
| Provide service for initial transfer of files from Past Perfect and external storage-some application to process pp data to a standard format this will be useful when we move to another archival management system | | | | | | | | | |
| Import/Map to new DAMS from Past Perfect and external storage | Longsight (hosting service) would configure the Metadata Schema Registry according to the format you need | Y as that platform can export data in EXCEL or XML format | Y as long as that platform can export data in any format that can be converted, including MARC21, EAD, Excel, or XML | N | Library | | | | |
| Periodic batch record load from PP | Y, but Not automatically | Y as that platform can export data in EXCEL or XML format - uncertain if automatic | Y, Not automatic | N | | Library | | | |
| Batch object upload (FTP) | Y, but we have to submit a Footprints request and they have to get in touch with the service that hosts DSpace | Y | Y | Y | Library | | | | |
| Multiple Collections/Workflows/Roles/Permissions | Y | Y varying roles and permissions throughout Digital Commons. Workflows can be customized within different collections/departments | Y varying roles and permissions. Workflows can be customized within different collections/departments. | Some contributors | Library | | | | |
| Submission form/Contributor - credentials | Y, unless I'm misunderstanding what this means | Y submission forms are available and customizable by collection/series, with agreement to custom terms. Uncertain if SSO | Y submission forms are available and customizable by collection/series, with agreement to custom terms, Shibboleth supported SSO | SSO | Library | | | | |
| Dark archive/private collections/IP restrictions | Y, but we'd need to submit a Footprints request to get them to ask Longsight (the hosting service) to configure it | Y restrictions can be set at an object level or entire collection level. Access can be restricted by embargoes, IP range or sign on/password requirements | Y restrictions can be set at an object level or entire collection level. Access can be restricted by embargoes, IP range or sign on/password requirements | | Library | | | | |
| Serials Management | you could make a collection or a community | Digital Commons offers a unique publication structure for journals, so that all of the articles are organized into a hierarchy of volumes and issues within a single collection | All articles are organized into a hierarchy of volumes and issues within a single collection. Serial hierarchy display and searching built-in. Serial hierarchy works for all material types, including archival. | | | Library | | | |
| Identification of specific metadata schema when creating collections for both processing and potential search fields | | Qualified Dublin Core, Unicode metadata. Supports different metadata fields for different collections and can be customized to support any metadata fields | Dublin Core, METS, MODS, VRACore, DarwinCore, ETDs...can be customized to support any metadata fields. Unicode fully supported | | Library | | | | |
| Variety of file format and materials supported | "Some of the most common formats currently managed within the DSpace environment are PDF, Word, JPEG, MPEG, TIFF files. Although out-of-the-box DSpace only auto-recognizes common file formats, files of any format can be managed by DSpace. DSpace also provides a simple file format registry where you can register any unrecognized format, so that it can be identified in the future." | Any discreet file type ranging from PDFs, video, audio, images, PowerPoint, Excel, etc. | Newspapers, serials, photographs, books, IR, audio/video, images, maps, PDFs, PowerPoint, Excel, etc. | image and video | Library | | | | |
| Item Level Processing | | | | | | | | | |
| File size restrictions | | | | | | | | | |
| Auto-apply OCR (allows full text searching) | Y Older documents may need to go through OCR software to be fully indexed. | Word and RTF documents are automatically converted to PDF and are fully indexed. Any document that you scan and upload would need to go through OCR software to be fully indexed | Y | | | Library | | | |
| Object Table of Contents (post processing) | N | In many cases, chapters are large or have different authors, so it is expedient to upload them as individual (but linked) records for ease of access and finer metadata. In some cases an entire book will be uploaded as a single PDF. If so, the metadata could show a TOC of hyperlinks to chapter sections in the PDF | Y | | | Library | | | |
| Auto-generate Cover Page | N | Y | Could be developed if desired. No institution has actually desired this feature. | | | | Library | | |
| Watermarking | N | Y | Could be developed if desired. No institution has actually desired this feature. | Y | Library | | | | |
| Auto-generate Title Page | N | YES; supports GIS and geolocation | Could be developed if desired. No institution has actually desired this feature. | | | | | | |
| Contributor copyright statement | option to apply CC license | Y copyright statement can be a pre-requisite to submission. Once submitted, a copyright statement/recommended citation can be part of the metadata. Digital Commons also supports Creative Commons licenses | Y | | Library | | | | |
| GIS support | N | Y | Y | | | Library | | | |

Vendor Comparison Detailed (for public)

| Digital Asset Management Systems Features Comparison | | | | Unit Need: please indicate Library, Extended Learning, CTS, DigitalOz, Quest, etc. | | | | | |
|---|--|--|---|--|-----------|-----------------------|------------|--|--|
| Feature | DSpace | BePress | Sobek | Libris | Essential | Preferred/Nice to Hav | Not Needed | | |
| Embargoing Items within collection | Y, but I think we'd need to submit a Footprints request to get them to set it embargoing, at least to begin with | Embargo periods can be set when uploading content. When embargo period ends content can be downloaded without any work needed by admin | Y | | Library | | | | |
| User Tagging | N | | Y | Y | | | Library | | |
| Item in Multiple Collections | Not unless you uploaded it multiple times | | Y one upload | Y multiple upload | | Library | | | |
| User Features | | | | | | | | | |
| Template Homepage Designs | N | Y | Y, five hours theming work to make the site match your corporate site | | | Library | | | |
| Custom Main Collections Homepage | N | Y | Y | Y | Library | | | | |
| Custom Homepage for Each Collection | N | Y | Y | | Library | | | | |
| Edit homepage content from WYSIWYG or html | N | Y | Y | | | Library | | | |
| Rotating Images on Homepage | N | Y | Y | | | Library | | | |
| Browse Features | Y | Y | Y | | Library | | | | |
| Search all collections and individual collections | Y | Y | Y | | Library | | | | |
| Map Search | N | Y | Y | | | Library | | | |
| Image Reader with pan and zoom | N | Y | Y | | Library | | | | |
| Faceting of results | by author, subject, date | Y | Y | | | Library | | | |
| "Jump to pages" within multipage items | N | Y | Y | | | Library | | | |
| Hosted or embedded/streamed Ensemble and other video programs | N | Y | Y embedded and streamed with a native Sobek viewer | | Library | | | | |
| Hosted or embedded/streamed audio | N | Y | Y | | Library | | | | |
| File Download | Y | Y Larger files can be streamed or viewable via PDF lightbox as well | Y | | | Library | | | |
| EAD support | Y | N but Digital Commons metadata can be customized to store any metadata fields | in 6 months | | | Library | | | |
| Dataset support | What counts as support? You could upload a dataset to DSpace and give it metadata. | Y | Y | | | Library | | | |
| Management Tools | | | | | | | | | |
| Sandbox for testing | N | Only if absolutely required | Y | | | Library | | | |
| Subject network platform with other institutions | N | Y Digital Commons Network is an aggregation of scholarship from all Digital Commons customers and is arranged and searchable by discipline | N | | | | Library | | |
| Hosting/Development/Support | Y--through SUNY, or we could pay for official DSpace hosting | Y | Y, 40 hours custom development the first year. Each following year will be twenty hours of custom development which you can use to request any changes. | Y | Library | | | | |
| Open Source | Y | N but some open source tools used such as SOLR for search function | Y | | | Library | | | |
| Self hosting | Y | N, it is a fully hosted platform | Possible to host locally, or in cloud | | | | Library | | |
| Training | N | Y, annual and when on boarding | Y, annual and when on boarding | | Library | | | | |
| Search Engine/Google Optimization | Y | Digital Commons is indexed by the major search engines. Digital Commons repositories adhere to HTML and WCAG web standards and structure web pages according to Search Engine Optimization best practices to facilitate accurate indexing by major search engines. BePress supports efficient search engine crawling of the repositories by minimizing site downtime and any errors that can impede the crawling process. Sitemaps and logical site structure direct crawlers to the record-level content. Close contact with Google Scholar ensures that repository content is tagged appropriately, and that sites are re-indexed when needed. BePress, and the Digital Commons repositories, are among Google Scholar's trusted sources. This means that the majority of the work to get the content recognized by Google Scholar is already in place | Y | | Library | | | | |
| Monthly Statistics Email to Contributors | N | N, but contributors get monthly email reminders re author dashboard | Y | | Library | | | | |
| Statistics Export | view but Not export: https://dspace.sunyconnect.suny.edu/handle/1951/63533/stats | Y | Y | View | Library | | | | |
| Auto-Notification of errors to programmers | N | There is no programming involved | Y | | | Library | | | |

Vendor Comparison Detailed (for public)

[illegible]