

DLIST Strategic Framework Summary 2009-2010

Quality Standards

DLIST is meeting our standards.

FY 2009/2010 New Cross-Team Projects

Learning Object Repository Project

Key Result Area 2: Education

Strategy 2

Sponsor: DLIST

Teams Involved: DLIST, UST

Problem Description: Currently there is no database or Library standard for storing learning objects.

Project Description: By December 31, 2009 develop a learning objects repository.

E-Commerce and the Libraries Project

Key Result Area 3: Digital Library

Strategy 1

Sponsor: DLIST

Teams Involved: AIST, CCP, DDT, DLIST, LSST, RSS, Special Collections

Problem Description: There are many areas in the Library that are either currently selling products or services via the Internet or want to sell via the Internet. Some of the known areas are:

- Online purchase of subscriptions and individual articles for journals hosted by the Libraries
- Online purchase of rights and reproductions for CCP
- Online purchase of rights and reproductions for Special Collections
- Online purchase of Express Document Center products and/or services

Project Description: By December 31, 2009 complete the planning phase to identify the functional requirements and business needs for ecommerce and make recommendations to Cabinet on next steps.

Rangelands e-Repository Project

Key Result Area 3: Digital Library

Strategy 1

Sponsor: DLIST

Teams Involved: DLIST, RSS CMCG, UST

Status: We are currently drafting a project proposal for PMG.

Problem Description: Productive, sustainable rangeland ecosystems are not only a Borderlands/Southwest emphasis at the UA but also an area of global interest. This project proposal is to begin developing a concentration of rangelands full-text documents and/or metadata that links to rangelands full-text documents. The library already hosts the back files of two Society of Range Management journals. FAO has expressed an interest in a possible rangelands metadata exchange. At the 2009 Western Rangelands Partnership meeting two attendees (one from South Africa, one from Australia) expressed an interest in exploring the UA hosting of their rangeland journals back files.

The current UAiR repository functionality is for the most part what is desired for the proposed "Rangelands e-Repository". This project has two key objectives: 1) develop the additional UAiR functionality needed; and 2) begin working to expand the rangelands materials first with FAO and then later with others such as the two international journal editors.

Project Description: By June 2010 implement a “collection of collections” in UAiR for Rangelands resources, explore and if possible implement a Rangelands metadata exchange with FAO, and explore adding the back files of two international rangelands journals to UAiR

UAiR Migration to Drupal-based System

Key Result Area 3: Digital Library

Strategy 1

Sponsor: DLIST

Teams Involved: CCP, DLIST, RSS, Special Collections

Problem Description: The current UAiR (University of Arizona Institutional Repository) system supports ten published journals and collections. The UAiR information technology infrastructure is based on the Mirage MVC framework (PHP), and, for exhibits, incorporates Omeka, an open source software LAMP-based product of George-Mason University. Functionality in the Mirage MVC framework cannot be enhanced or extended with current DLIST staffing levels. To accommodate present and future repository requirements DLIST is migrating UAiR to the Drupal open-source content management platform.

Project Description: By December 31, 2009 complete the migration to the Drupal-based UAiR system.

WebPac Pro for the Catalog

Key Result Area 3: Digital Library

Strategy 1

Sponsor: DLIST

Teams Involved: DLIST, AIST, TST, UST, RSS, LSST

Libraries Involved: Main, AHSL, Law, Poetry Center

Problem Description: Some results from usability studies on the website indicated students and faculty were having problems finding materials using the current catalog. The library’s catalog also holds materials from AHSL, Law and the Poetry Center, who have suggested various changes to the website. Many issues, including look and feel, can be addressed by upgrading the catalog to use the Innovative “WebPac Pro” online catalog.

Project Description: By June 30, 2010 determine a new layout for the catalog (using WebPac Pro), perform usability testing on the layout, and upgrade the catalog to WebPac Pro.

Electronic Exception Slip & Kronos Project

Key Result Area 4: Operational Effectiveness

Strategy 2

Teams Involved: DLIST, LSST

Problem Description: The Kronos attendance module needed for exception reporting (staff vacation, sick leave, etc.) is not being developed. DLIST will need to develop an E-slip application to support Library practices and to interact with the Kronos application.

Project Description: By October 30, 2009 determine the requirements and develop an E-slip application for Kronos that supports Library business practices and complete the server and hardware preparation.

Migrate to University Email and Calendaring

Key Result Area 4: Operational Effectiveness

Strategy 2

Sponsor: DLIST

Teams Involved: Admin, AIST, CCP, DDT, DLIST, LSST, RSS, Special Collections, TST, UST

Problem Description: As Carla announced last spring, the Library will move to the campus supported email and calendaring. UIST is still evaluating Microsoft Exchange (Outlook) and Google Apps. Currently UIST has said they will make a decision on the vendor by October 1, 2009 but has no published timeframe for migration. The rumor for the migration schedule says the migration will start sometime in the spring 2010

Project Description: By [TBD depending on UITS dates] complete the migration from the Library Exchange (Outlook) server for email and calendaring to the campus solution.

FY 2009/2010 DLIST Team Projects

Cloud Options Research

Key Result Area 3: Digital Library

Strategy 1

The Library has a need to know the various options for storing data and their costs to ensure we are using the most appropriate solution for our needs. There is a lot of publicity around cloud computing as a solution to many problems. This project will assess one example of current cloud technology and familiarize ourselves with the tools and concepts (as a pilot) to report on cost/benefits/disadvantages.

Two components

1. Local investigation to test integration and get familiar with concepts without paying vendor costs (using old servers).
2. Put some test data on a real cloud solution to understand the issues, costs and work required working with vendors. At this point, we are planning on testing with Amazon S3 and EC2 (one of the earliest and well known), which will require some funding (which is unknown and might expand as the project continues (hidden unknown costs)).

We plan to provide some thoughts on the following:

1. How different library needs/uses translate into different cloud options (or capabilities that must be available)
2. Different costs for different services
3. Research some of the options and other data regarding cloud computing

This project is not expected to give the Library a roadmap for moving to the cloud, but provide an initial understanding of what is currently available, the costs and effort needed to use such an option and if and when this might come viable for the Library.

Video/Audio Technology Research

Key Result Area 3: Digital Library

Strategy 1

Library has needs for audio and video capture for different group's activities (Special Collection exhibits, speakers, meetings, Friends of the Library, learning objects, etc.). There are many options that the Library could take and we have already completed various video and audio projects using different formats. Some of the issues that need to be understood are:

1. What is the best format for specific usage
2. Costs associated with purchase or outsourcing of equipment, capture, conversion, storage and delivery
3. How ADA compliance needs to be incorporated into use of video and audio (transcripts, captions, etc.)
4. The various options and pro's and con's regarding the following
 - a. Hardware
 - b. Software
 - c. Production
 - d. Options for output formats based on planned use
 - e. Long term storage
 - f. Delivery and access (ways to view/hear the final product)
5. What can/should the Library do itself and what should be outsourced
6. What do we do with what we have already created
7. How long and who is responsible for the storage of the final product and legal paperwork (DocuWare)

This project will look at these issues (not necessarily have answers for them but have a list of questions that need to be answered for each project). The hope is this project will help the library use video/audio in a planned and consistent manner that is cost affective and meets the needs of the end user. This project will also define what work can/should be done internally or outsourced, or done in a partnership with others.

Marketing/Security Monitors Administration System Project

Key Result Area 4: Operational Effectiveness

Strategy 2

By October 1, 2009 complete development of the administration system for the marketing/security monitors.

Migration to Windows 7

Key Result Area 4: Operational Effectiveness

Strategy 2

Status: Windows 7 is scheduled to be available on October 22, 2009. Currently DLIST plans to move the Information Commons to Windows 7 before start of classes January 2010. All staff, student, and other computers will be moved to Windows 7 by June 30, 2010.

Security Scanning

Key Result Area 4: Operational Effectiveness

Strategy 2

DLIST will be scanning and dealing with any issues for the new University Information Security standards, procedures and guidelines:

- Application Security Standard (Integrates security into the development of in-sourced and outsourced) applications
- Web Application Assessment Procedure (A web application security assessment tool)
- Critical Device Scanning Procedure (A network vulnerability scanning tool)

Remedy Helpline Replacement

Key Result Area 4: Operational Effectiveness

Strategy 2

Status: Project was completed September 8, 2009.

UA Faculty Promotion and Tenure Electronic Submission and Review Project

Key Result Area 4: Operational Effectiveness

Strategy 3

Problem Description:

- Work with the provost office
- Currently the process can be either paper-based or people carry around USB flash drives.
- Project would have the application information/forms, the final application, a secure workflow for the review, the ability to add comments, and whatever is needed when finalizing the process.
- Justin does not think there is currently any software out there that will do what the provost wants. He believes it will be custom development—and complicated development. The software will need to manage the workflows, there are very complex permissions involved, and security is one of the important requirements.
- The software will need to run on a very secure server, probably at the library.

Project Description: By April 2010, working with the provost office, complete a Promotion and Tenure Electronic Submission and Review application for UA faculty.

Project Questions

Atifa and I discussed this and are proposing that this be addressed by the IR Phase II project.

Legacy Digitization/Exhibits Review

Key Result Area 3: Digital Library

Strategy 2

Teams Involved: CCP, DLIST, RSS, Special Collections

Problem Description: The Libraries have [digital exhibits and collections](#) that were developed over the last 10 years. Some, such as Bisbee, have been updated recently and some have not. Some, such as the Books of the Southwest, were developed using old techniques and many titles are now available via the Google Books project. Many exhibits are now stored and maintained by the Learning Technologies Center's [Through our Parents' Eyes](#) site; should there be a Library commitment to the long-term storage and maintenance of this material? IRRMT began a review of the material in [2008](#).

Project Description: By June 30, 2010 determine ownership of legacy exhibits and collections, determine if the material is still needed, then determine if the material should be re-developed and updated, and (if possible) complete the updating of the material.

I propose that this be looked at by a Cabinet sub-group. Sharon.

Intranet Project

Key Result Area 4: Operational Effectiveness

Strategy 2

Teams Involved: Admin, AIST, CCP, DDT, DLIST, LSST, RSS, Special Collections, TST, UST

Problem Description: Currently the Intranet is still running on the old web platform. Before migrating the intranet to the new Drupal platform the Library needs to determine what/how it wants to use non-public web sites. Should all (or some) websites be migrated to campus UITS support? What is required information on team sites? Do we need websites or should all information be on the shared Z drive? Currently there is no consistent use for storage/access between Z drive and intranet website.

Project Description: By June 30, 2010 determine the requirements, plan, and implement a solution(s) for the current intranet.