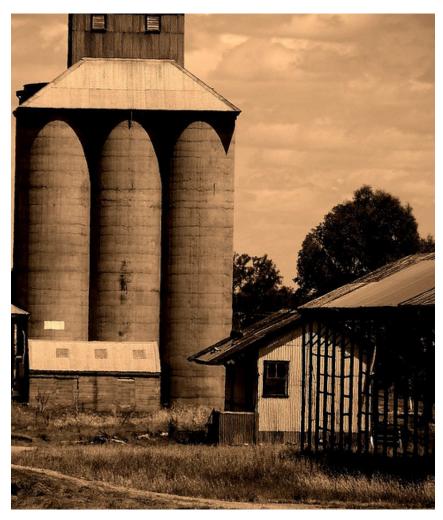# ArchivesSpace

Building a Next-Generation Archives Management Tool

DLF Forum

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Katherine Kott, Development Manager

Mark A. Matienzo, Technical Architect

ArchivesSpace

What is ArchivesSpace?

- A project funded by the Andrew W. Mellon Foundation for building a "next-generation" archives management tool

- A community effort, led by the libraries of New York University, the University of Illinois at Urbana-Champaign, and the University of California, San Diego

- A "logical merge" of Archivists' Toolkit and Archon

Where does ArchivesSpace fit?

Lennox Lad, Old Silo

dirkjankraan.com, new born dutch lambs

Overview of Existing Applications

Archivist's Toolkit

- Comprehensive archival management system

- Open source (ECL 1.0)

- Clients run on Mac OS, Windows, Linux

- Funded by the Andrew W. Mellon Foundation

- Strengths include robust collections management and resource description

Archon

- Unified platform for archival description and access

- Open source (Illinois/NCSA License)

- Web-based

- Received Mellon Award for Technology Collaboration (2008)

- Strengths include discovery system and basic digital library functionality

Level of Consolidation

Archives have Special Needs

- Distinct practices and workflows

- Need for both contextual and resource description

- Tools for other communities don't satisfy needs of archival practice

Product Proliferation is Hard to Sustain

- Multiple code bases to maintain

- Multiple user communities to sustain

- Applications have strengths, but also functional overlap

The Changing Archival Landscape

- Increased demand for structured data

- Introduction of new descriptive standards (EAC-CPF)

- Revision of descriptive standards (EAD, DACS)

Planning Grant Activities: Jun.-Dec. 2009

- Merger agreement between projects

- Planning grant submitted to The Andrew W. Mellon Foundation

- Development of high-level requirements

- Discussion and planning webinars

Planning Grant Activities: Jan.-Nov. 2010

- Planning grant awarded January 2010

- Development of draft specifications

- Technical planning and Technical Design Meeting

- Survey regarding implementation and deployment of open source archival management software

Planning Grant Activities: Dec. 2010-Nov. 2011

- Interviews with archives staff performed by Lisa Spiro (consultant)

- Development of sustainability and business model desiderata by Beth Sandore (UIUC), Luc Declerck (UCSD), and David Millman (NYU)

What is driving ArchivesSpace?

- Need for more scalable solution

- Need for improved digital object management

- Opportunity to consolidate platforms

- Sustainable open source software support model

How will ArchivesSpace meet these needs?

- Design and develop a new, unified system using a flexible technology framework

- Better definition of digital objects in data model

- Include functionality of both Archivists' Toolkit and Archon

- Identify and incorporation into "organizational home"

ArchivesSpace: A New, Unified System

- Combine best-of-breed features from AT and Archon

- Engineered for easier maintenance, administration, and extensibility

- Address needs of consortial deployments

- Enable interoperability/increased compatibility with other systems and software

- Released as open source under Educational Community License, version 2.0

- Use existing open source libraries that are under a license compatible with ECL 2.0

Criteria for Organizational Home Selection

- Provide access to both a stand-alone version of software for archives of all types and sizes, and a version for consortia, or large institutions, to host on behalf of their constituencies

- Facilitate ongoing maintenance and enhancements, including community contributions

- Support a governance structure and a fee-based membership structure

- Encourage the development of a healthy ecosystem of partners that provide supporting services for ArchivesSpace

When will this next-generation tool be ready?

- Currently solidifying requirements, selecting software development vendor, and identifying "organizational home"

- Development scheduled to begin in January 2012

- Advising potential implementers of archival management systems to deploy Archivists' Toolkit or Archon

- Migration paths from each existing tool included in project plan

Work Plan (1): 2011

- Organizational, Governance, and Sustainability Planning (April – June 2011)

- Background and logistics (March – September 2011)

- Data Model (April 2011 – October 2011)

- Programming Procurement (May 2011–December 2011)

- Organizational, Governance, and Sustainability Home Finalized (July – December 2011)

Work Plan (2): 2012

- Core Programming (January – May 2012)

- Activate Governance Body (January – June 2012)

- Archives Functional Programming (April – October 2012)

- Identify and Select Operational Support Plan
  (July 2012 – January 2013)

- Import/Export/Reports (August – November 2012)

Work Plan (3): 2012-2013

- Build Management and Usability Testing (March 2012 – February 2013)

- Develop Marketing, Communication, and Outreach Plan (June 2012 – February 2013)

- Beta Testing and Rollout (November 2012 – February 2013)

- User & System Documentation (June 2012 – February 2013)

- Support Migration of Existing AT/Archon Installations (June 2012 – February 2013)

Project Team (1)

- Steering Committee: Luc Declerck, David Millman, Beth Sandore

- Technical Architect: Mark Matienzo

- Development Manager: Katherine Kott

- Archivists: Chris Prom, Scott Schwartz, Brad Westbrook

- Senior Software Developer: Joe Pawletko

Project Team (2)

- Build/Release Management Team: Brian Tingle, Adrian Turner

- Migration Facilitators: Nathan Stevens (AT), TBA (Archon)

- End-User and Systems Documentation Specialist: Annie Ross

- Developer: TBA (RFP has been issued, vendor responses submitted, evaluation is underway)
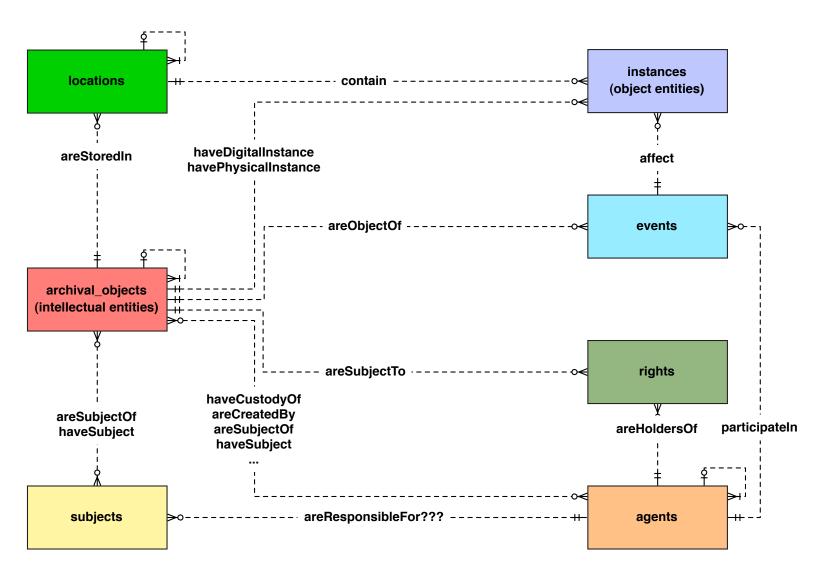
- Consultants

- And <u>YOU!</u>

Current Technical Activities

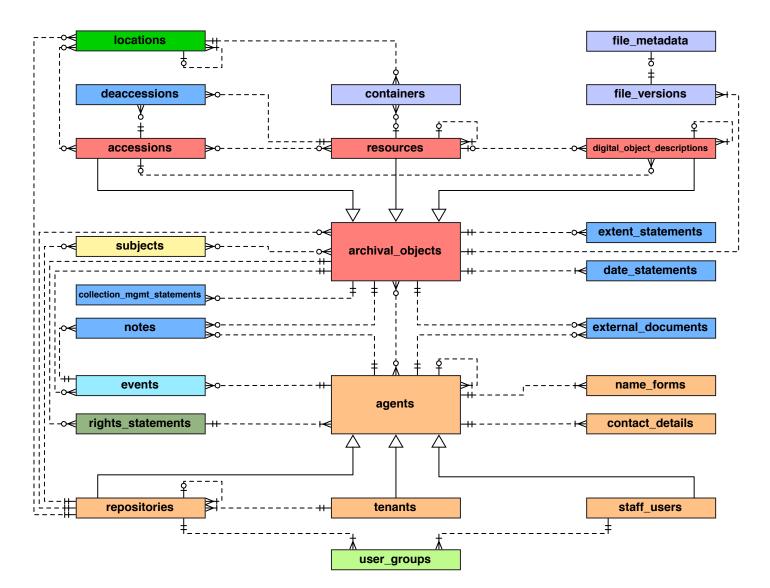- Analysis and revision of existing functional specifications
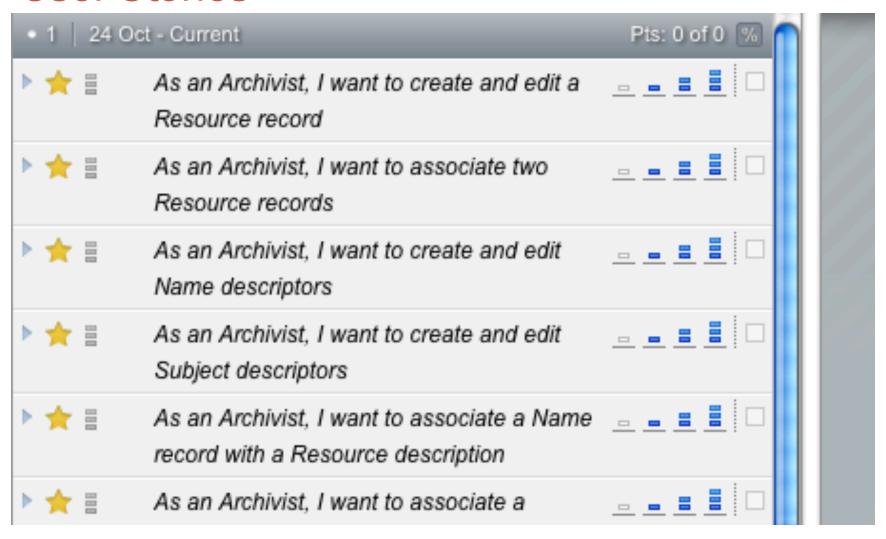
- Data model development

- User story development

Data Model Overview

Detailed Data Model

Preparing for Agile Development:
User Stories

For more information and to participate

- ArchivesSpace website
  - http://www.archivesspace.org/

- ArchivesSpace Google Group
  - http://groups.google.com/group/archivesspace/

Thank You!

mark.matienzo@nyu.edu

katherine.kott@gmail.com