Session #13: Software Tools for Digital Collections Management

Adrian Turner, California Digital Library

Society of California Archivists | 2013 Annual General Meeting | Berkeley, CA
ArchivesSpace: The Project

- 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

- The development of a sustainable partnership and community to support and foster the growth of the software
Project Team

- **Steering Group**: Luc Declerck, David Millman, Beth Sandore, with Robin Dale

- **Technical Architect**: Mark Matienzo

- **Development Manager**: Katherine Kott

- **Stakeholder Team**: Mark Matienzo (Product Owner), Chris Prom, Kyle Rimkus, Scott Schwartz, Brad Westbrook (Archivists/Business Analysts), Joe Pawletko (Technical Advisor)

- **Development Team (Hudson Molonglo)**: James Bullen, Mark Triggs, Payten Giles, Brian Hoffman

- **Testing and Release Team**: Sai Tadikonda, Brian Tingle, Adrian Turner (CDL); with Hudson Molonglo, Mark Matienzo, and Katherine Kott

- **Migration Team**: Joe Pawletko (NYU), Nathan Stevens (AT), Chris Prom (Archon) plus Stakeholders and UIUC programmers
Functional Overview

[Archivists' Toolkit logo]

+ 

[Archon logo]
Functional Overview

archivists' Toolkit for archivists by archivists + ARCHON UNIVERSITY OF ILLINOIS = ArchivesSpace
Functional Overview

**archival management system**

software that provides integrated support for the archival workflow, including appraisal, accessioning, description, arrangement, publication of finding aids, collection management, and preservation

http://www.clir.org/pubs/reports/spiro)
Functional Overview

Digital Asset Management System?
Functional Overview

- Supports creation and management of metadata for digital objects
- Does not really support management of content files for digital objects
Welcome to ArchivesSpace

Your friendly archive management tool

Home Page
Welcome to ArchivesSpace
Your friendly archive management system.
Welcome to ArchivesSpace

Your friendly archives management tool.

Home Page
Welcome to ArchivesSpace
Your friendly archive management tool

Home Page
Accessions
<table>
<thead>
<tr>
<th>Accessions</th>
<th>Gene Anthony summer of love photograph collection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Information</strong></td>
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</tr>
<tr>
<td>Title</td>
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</tr>
<tr>
<td>Identifier</td>
<td>2001.196</td>
</tr>
<tr>
<td>Accession Date</td>
<td>2013-04-02</td>
</tr>
<tr>
<td>Content Description</td>
<td>Large-format photographs, most of the images of which are reproduced in Anthony’s book Summer of Love: Haight Ashbury at its height (published in 1980). Images document people, places, events and street scenes associated with the counter-culture movement of the mid-1960s in the San Francisco Bay Area, especially as evidenced in the Haight Ashbury district in San Francisco</td>
</tr>
<tr>
<td><strong>Condition Description</strong></td>
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<tr>
<td>Disposition</td>
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<td>Inventory</td>
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<td>Provenance</td>
<td>Gene Anthony</td>
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**Accessions**

### Extents

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<tr>
<td>Number</td>
<td>64</td>
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<tr>
<td>Type</td>
<td>Photographic Prints</td>
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<tr>
<td>Container Summary</td>
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<tr>
<td>Physical Details</td>
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<tr>
<td>Dimensions</td>
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### Dates

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<td>Type</td>
<td>Inclusive Dates</td>
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<tr>
<td>Begin</td>
<td>1965</td>
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<tr>
<td>Begin Time</td>
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<tr>
<td>End</td>
<td>1970</td>
</tr>
<tr>
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</tr>
<tr>
<td>Certainty</td>
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<tr>
<td>Era</td>
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<td>State</td>
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</table>
Accessions
Resources
Resources

Original large-format photographs, most of the images of which are reproduced in Anthony's book Summer of Love: Haight-Ashbury at Its Highest (published in 1980). Images document people, places, events and street scenes associated with the counter-culture movement of the mid-to-late 1960s in the San Francisco Bay Area, especially as evidenced in the Mixed Content Enabled -- Type 4 for elements or highlighted to wrap

Most of the images in the collection are reproduced in Anthony's book The

Sub Notes

Multipart Note

Label: Arrangement
Type: Arrangement
Publish?:
Internal Only?:
Content:

Multipart Note

Label: Scope and Content
Type: Scope and Contents
Publish?:
Internal Only?:
Content:
Original large-format photographs, most of the images of which are reproduced in Anthony's book *Summer of Love: Haight-Ashbury at Its Highest* (published in 1980). Images document people, places, events and street scenes associated with the counter-culture movement of the mid- to late 1960s, typically as evidenced in the *mixed* context.
[The Charlatans performing in front of banner titled “Summer of Love”. Golden Gate Park, June 21, 1967.]
Resources
Digital Objects
Digital Objects
Digital Objects
Digital Objects
Subjects
Fulcher, R. Buckminster (Richard Buckminster), 1895-1983

Basic Information

Agent Type: Person

Names

Authority ID: n73005776
Source: NACO Authority File

Name Order: Inverted
Prefix:
Title:
Primary Part of Name: Fuller
Rest of Name: R. Buckminster
Suffix:
Fuller Form: Richard Buckminster
Number:

Agents
Agents
Welcome to ArchivesSpace.

Find what you're looking for:

Search the Archive  Search

Show Advanced Search

Some other information goes here.
Public Interface
Finding Aid to the Gene Anthony Summer of Love Photograph Collection

Summary

<table>
<thead>
<tr>
<th>Identifier</th>
<th>BANC PIC 2001.196-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>David Patsay and Chie McDonald</td>
</tr>
<tr>
<td>Date</td>
<td>1967</td>
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<td>Language</td>
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Extents

84 photographic prints (part)

Subjects

- Hippies--California--San Francisco--Photographs -- Nineteen sixties--Social aspects--California--San Francisco--Photographs -- Haight-Ashbury (San Francisco, Calif.)--Pictorial works -- Nineteen sixty-seven, A.D.--Social aspects--California--San Francisco--Photographs -- Golden Gate Park (San Francisco, Calif.)--Pictorial works -- San Francisco (Calif.)--Pictorial works -- San Francisco (Calif.)--Social life and customs--Pictorial works

Components

- Finding Aid (BANC PIC 2001.196-B)
Technical Framework

- Open-source code base
- Separate user interface & back end
- REST service interface & documented API
- Frameworks for rapid development
  - Sinatra
  - Ruby on Rails
  - Twitter Bootstrap
- Selected technologies
  - JRuby
  - Java virtual machine
  - Lucene and Solr
  - Relational databases
- Multi-tenant deployments
## Development Plan:
### July 2012-June 2013

<table>
<thead>
<tr>
<th>Task</th>
<th>Timeframe</th>
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<tbody>
<tr>
<td>Basic front &amp; back end infrastructure</td>
<td>(July/Aug)</td>
</tr>
<tr>
<td>API, record edit, authentication, general import/export</td>
<td>(Sept/Oct)</td>
</tr>
<tr>
<td>Workflow, search, EAD import/export</td>
<td>(Nov/Dec)</td>
</tr>
<tr>
<td>All required import/export, UI templating &amp; customization</td>
<td>(Jan/Feb)</td>
</tr>
<tr>
<td>Repository management workflow, user management workflow, reporting</td>
<td>(Mar/Apr)</td>
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<tr>
<td>Full application testing, beta release</td>
<td>(May/June)</td>
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</table>
Organizational Home

LYRASIS
Advancing Knowledge
ArchivesSpace

Project Partners:
New York University Libraries
University of California, San Diego Library
University of Illinois at Urbana-Champaign Library

About LYRASIS
LYRASIS partners with members to create, access, and manage information with special emphasis on digital content, while building and sustaining collaboration, enhancing operations and technology, and increasing buying power. For more information, please visit www.lyrasis.org.

Become a member of ArchivesSpace

Become a member of Archives Space, the next-generation open source archives management software, and help create a tool that will be sustainable and valuable for years to come.

Building on Archon and Archivists’ Toolkit, ArchivesSpace is an open source software solution for archives management with an eye towards the future. With well-established membership and governance models, ArchivesSpace goes beyond the status quo, creating a community that supports and enhances the tool—a member community invested in its long-term viability and success.

ArchivesSpace has been developed by a partnership among the New York University Libraries, the University of California, San Diego Library, and the University of Illinois at Urbana-Champaign Library, with support from The Andrew W. Mellon Foundation. ArchivesSpace and its organizational home, LYRASIS, bring a strong commitment to service and support for members, and to ensuring vital member participation in governance and open source development.

ArchivesSpace is built for archives by archivists. Membership ensures that this important and vital tool continues to serve the archives community.
Fliers available up front; see also ArchivesSpace website
Test and Evaluate the Software

1) Use our hosted “sandbox” instance of the software

2) DIY: Install the software, and run a locally hosted instance

http://www.archivesspace.org/get-involved
References

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

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