

Blacklight, ArcLight, and RPTF

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RPTF 2: From Archive to Classroom

3 November 2017 - #rptf

My background

- Archivist, software developer, manager, metadata specialist, project manager
- Deep experience with metadata aggregation; partners of varying resources and technical abilities
- Passionate about improving access to dispersed collections and leveraging technology to improve those platforms

Description and objectives

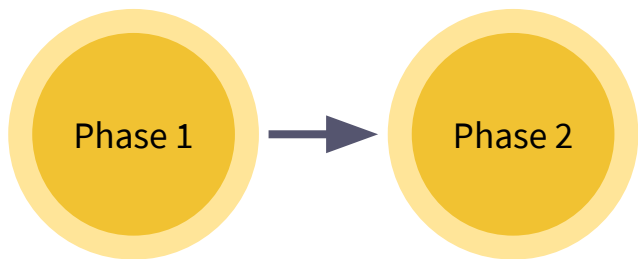
- **ArcLight** initiated by Stanford Libraries in 2014 to address a long-standing interest in discovery/delivery of archives
- Support discovery of physical and digital objects
- Compatibility with and intended for integration with other systems, e.g. ArchivesSpace and Hydra-based repositories
- Development, enhancement, and maintenance by the Blacklight/Samvera (Hydra) open source software communities
- Maintain a community focus throughout the project

Design and development process

- Design process led by 2 UX designers in Stanford Libraries' Digital Library Systems & Services group (Gary Geisler and Jennifer Vine)
- Followed a model for **user-centered design** developed and refined over time (see [DLF 2014 presentation](#)) and leveraged existing practices for community-based open source software development
- **Community-oriented, collaborative design/development process**
 - Intentional choice, informed by DLSS open source participation
 - Opportunity for other institutions to identify needs and participate
 - Build interest and identify potential commitments for software development

Overview and timeline of work to date

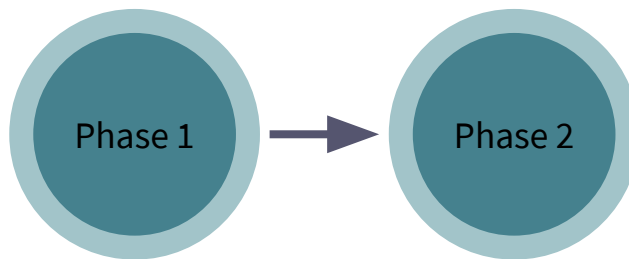
Discovery



Environmental scan
Stakeholder goals
Interview planning

Archivist interviews
End-user interviews
Interview analysis

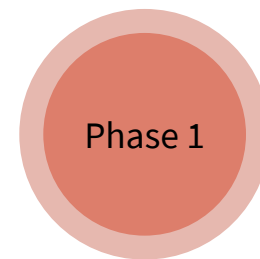
Information Architecture



User needs
User personas
Requirements prioritization

Conceptual models
Conceptual sitemaps
Wireframes

MVP Development and Visual Design



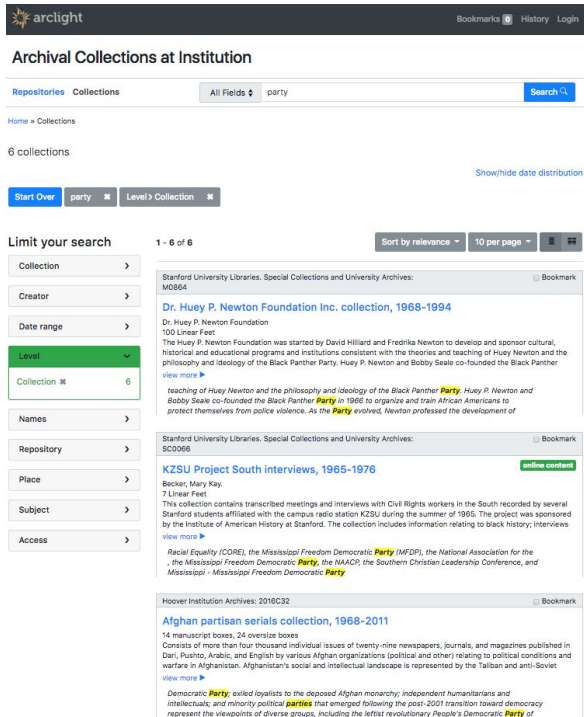
Minimum viable product
Visual design mockups
Visual design style guide



Implemented features

- Presentation of archival description, hierarchically and by individual components
- Repository information
- Integrated delivery of digital objects (using oEmbed)
- Indexing of EAD 2002
- Keyword searching and faceting by collection, creator, date range, level of description, names, creators, repository, etc.
- Sorting by date, creator, title, relevance
- WCAG 2.0 Level AA conformance
- Search within collections
- Hit highlighting
- Component-level views with contextual information
- Proof of concept request management integration
- Bookmarks
- Configurable repositories and departments
- Basic inheritance of descriptive metadata (e.g. for access and use restrictions)

Screenshots



arclight | Bookmarks | History | Login

Archival Collections at Institution

Repositories Collections | All Fields | party | Search

Home » Collections

6 collections

Showhide date distribution

Start Over | party | Level | Collection

Limit your search

1 - 6 of 6 | Sort by relevance | 10 per page

Collection >

Creator >

Date range >

Level >

Collection # | 6

Names >

Repository >

Place >

Subject >

Access >

Stanford University Libraries. Special Collections and University Archives: M0864

Dr. Huey P. Newton Foundation Inc. collection, 1968-1994

Dr. Huey P. Newton Foundation
100 Linear Feet

The Huey P. Newton Foundation was started by David Hilliard and Fredrika Newton to develop and sponsor cultural, historical and educational programs and institutions consistent with the theories and teaching of Huey Newton and the philosophy and ideology of the Black Panther Party. Huey P. Newton and Bobby Seale co-founded the Black Panther Party in 1966 to organize and train African Americans to protect themselves from police violence. As the Party evolved, Newton professed the development of the teaching of Huey Newton and the philosophy and ideology of the Black Panther Party. Huey P. Newton and Bobby Seale co-founded the Black Panther Party in 1966 to organize and train African Americans to protect themselves from police violence. As the Party evolved, Newton professed the development of the teaching of Huey Newton and the philosophy and ideology of the Black Panther Party.

[View more](#)

teaching of Huey Newton and the philosophy and ideology of the Black Panther Party. Huey P. Newton and Bobby Seale co-founded the Black Panther Party in 1966 to organize and train African Americans to protect themselves from police violence. As the Party evolved, Newton professed the development of the teaching of Huey Newton and the philosophy and ideology of the Black Panther Party.

Stanford University Libraries. Special Collections and University Archives: SC0066

KZSU Project South interviews, 1965-1976 [online content](#)

Becker, Mary Kay.
7 Linear Feet

This collection contains transcribed meetings and interviews with Civil Rights workers in the South recorded by several Stanford students affiliated with the campus radio station KZSU during the summer of 1965. The project was sponsored by the Institute of American History at Stanford. The collection includes information relating to Black history interviews.

[View more](#)

Racial Equality (CORE), the Mississippi Freedom Democratic Party (MFDP), the National Association for the Advancement of Colored People (NAACP), the Mississippi Freedom Democratic Party, the NAACP, the Southern Christian Leadership Conference, and Mississippi - Mississippi Freedom Democratic Party

Hoover Institution Archives: 2018C32

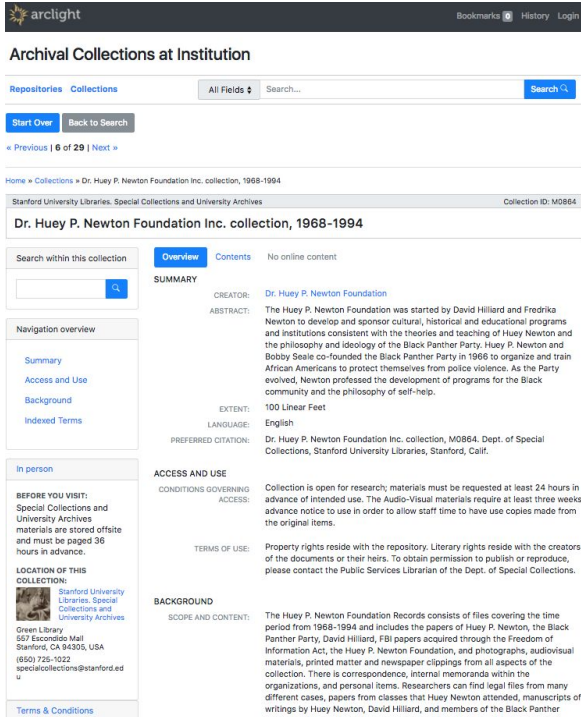
Afghan partisan serials collection, 1968-2011

14 manuscript boxes, 24 oversize boxes

Consists of more than four thousand individual issues of twenty-nine newspapers, journals, and magazines published in Dari, Pushto, Arabic, and English by various Afghan organizations (political and other) relating to political conditions and warfare in Afghanistan. Afghanistan's social and intellectual landscape is represented by the Taliban and anti-Soviet.

[View more](#)

Democratic Party; exiled loyalists to the deposed Afghan monarchy; independent humanitarians and intellectuals; and minority political parties that emerged following the post-2001 transition toward democracy represent the viewpoints of diverse groups, including the leftist revolutionary People's Democratic Party of



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Archival Collections at Institution

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Home » Collections » Dr. Huey P. Newton Foundation Inc. collection, 1968-1994

Stanford University Libraries. Special Collections and University Archives | Collection ID: M0864

Dr. Huey P. Newton Foundation Inc. collection, 1968-1994

Search within this collection

Navigation overview

Summary

Access and Use

Background

Indexed Terms

In person

BEFORE YOU VISIT: Special Collections and University Archives materials are stored offsite and must be pagged 36 hours in advance.

LOCATION OF THIS COLLECTION:

Green Library
657 Escondido Mall
Stanford, CA 94305, USA
(650) 725-1022
specialcollections@stanford.edu

Terms & Conditions

Overview | Contents | No online content

SUMMARY

CREATOR: Dr. Huey P. Newton Foundation

ABSTRACT: The Huey P. Newton Foundation was started by David Hilliard and Fredrika Newton to develop and sponsor cultural, historical and educational programs and institutions consistent with the theories and teaching of Huey Newton and the philosophy and ideology of the Black Panther Party. Huey P. Newton and Bobby Seale co-founded the Black Panther Party in 1966 to organize and train African Americans to protect themselves from police violence. As the Party evolved, Newton professed the development of programs for the Black community and the philosophy of self-help.

EXTENT: 100 Linear Feet

LANGUAGE: English

PREFERRED CITATION: Dr. Huey P. Newton Foundation Inc. collection, M0864. Dept. of Special Collections, Stanford University Libraries, Stanford, Calif.

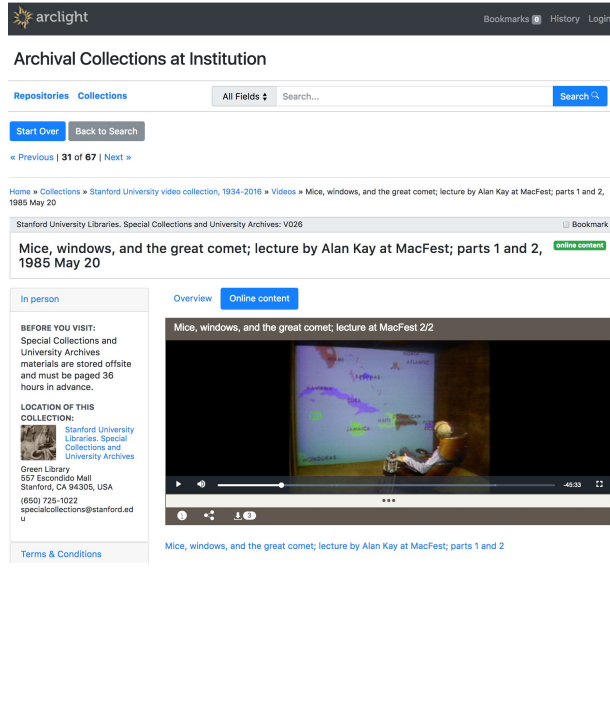
ACCESS AND USE

CONDITIONS GOVERNING ACCESS: Collection is open for research; materials must be requested at least 24 hours in advance of intended use. The Audio-Visual materials require at least three weeks advance notice to use in order to allow start time to have use copies made from the original items.

TERMS OF USE: Property rights reside with the repository. Literary rights reside with the creators of the documents or their heirs. To obtain permission to publish or reproduce, please contact the Public Services Librarian of the Dept. of Special Collections.

BACKGROUND

SCOPE AND CONTENT: The Huey P. Newton Foundation Records consists of files covering the time period from 1968-1994 and includes the papers of Huey P. Newton, the Black Panther Party, David Hilliard, FBI papers acquired through the Freedom of Information Act, the Huey P. Newton Foundation, and photographs, audiovisual materials, printed matter and newspaper clippings from all aspects of the collection. There is correspondence, internal memoranda within the organizations, and personal items. Researchers can find legal files from many different cases, papers from classes that Huey Newton attended, manuscripts of writings by Huey Newton, David Hilliard, and members of the Black Panther Party.



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Archival Collections at Institution

Repositories Collections | All Fields | Search... | Search

Start Over | Back to Search

« Previous | 31 of 67 | Next »

Home » Collections » Stanford University video collection, 1934-2016 » Videos » Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2, 1985 May 20

Stanford University Libraries. Special Collections and University Archives: V028

Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2, 1985 May 20 [online content](#)

In person

Overview | Online content

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LOCATION OF THIS COLLECTION:

Stanford University Libraries. Special Collections and University Archives

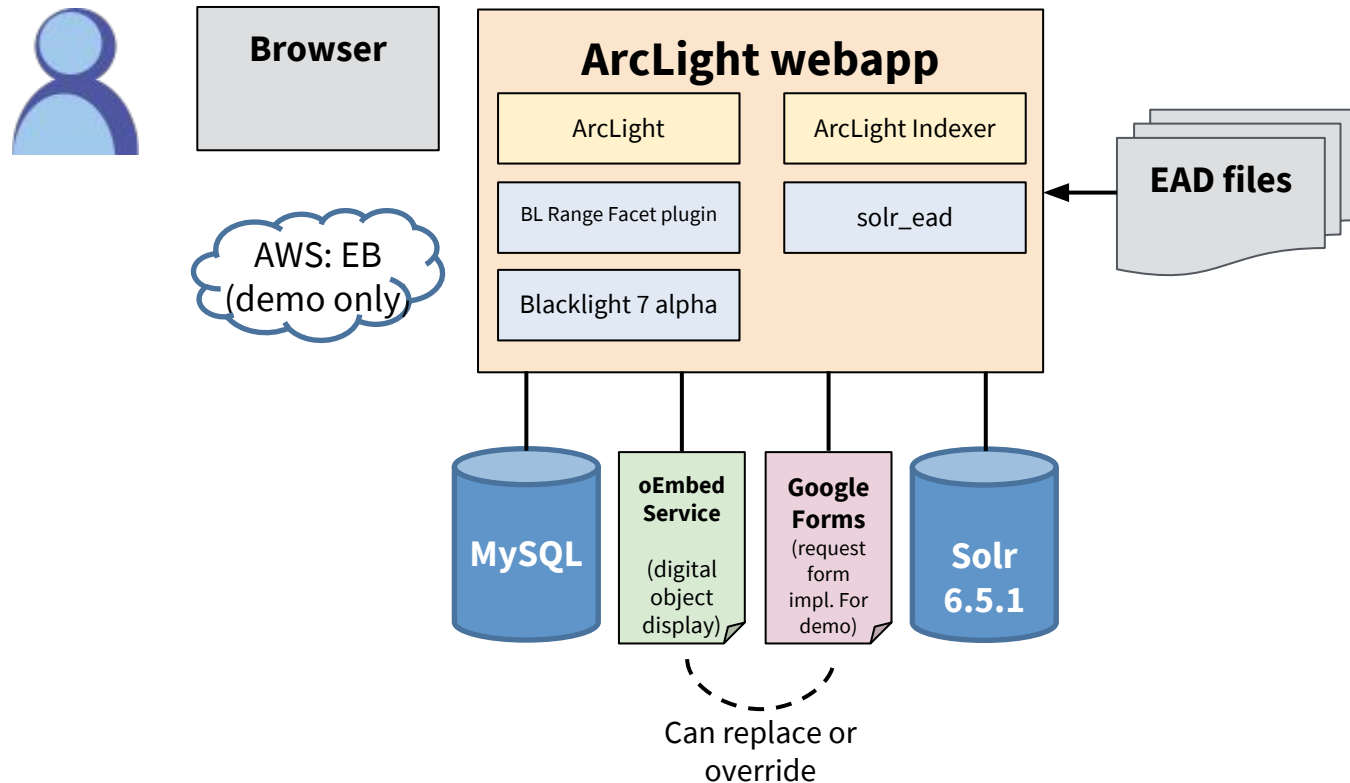
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Mice, windows, and the great comet; lecture at MacFest 2/2

Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2

Architecture



Opportunities for RPTF and questions

- Strategic opportunity to consider how RPTF undertakes metadata aggregation as a core activity
 - What do we expect from potential contributors?
 - What is the balance of technical work across the Task Force?
 - Which other aggregation projects can we leverage?
- Defining a clear understanding of discovery to support this community's needs
 - What level of detail can we expect in terms of collections and items to make them useful or intelligible to researchers?
 - Can we usefully narrow the set of relevant features from what ArcLight provides?
- Consider the Blacklight ecosystem

More information

- Demo site: <https://arclight-demo.projectblacklight.org/>
- Design documentation: <http://bit.ly/arclightproject>
- Demo videos: <http://bit.ly/arclight-demo-videos>
- Google Group: <http://bit.ly/arclight-community>

Acknowledgments

Individuals

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Camille Villa², Jennifer Vine^{1,2}, Laura Wilsey^{1,3}

- (1) Design phase contributor
- (2) MVP development team member
- (3) MVP development stakeholder

Institutions

Chemical Heritage Foundation
Columbia University
Georgia Tech
Getty Research Institute
Indiana University
National Library of Medicine
New York University
Pennsylvania State University
Rockefeller Archives Center
Stanford University
United States Holocaust Memorial Museum
University of Michigan
Yale University

Thank you!

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For more information, visit <http://bit.ly/arclightproject>