

# UVa Library Repository Interface and Tool Evaluation

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DLF Forum  
April 2005

# Repository Service Assumptions

- The Repository would be a curated repository.
- The UVa community are the primary users of the Repository.
- The Repository would have a public interface to support discovery and use of the collections by the UVa community, accompanied by tools for their use in instruction and research.
- All of the UVa Library's digital collections, whether local or remotely hosted, created at UVa or licensed from elsewhere, would eventually be managed and delivered by the Repository.
- The Repository would be part of the solution to create a single point-of-access to the print and digital collections together.

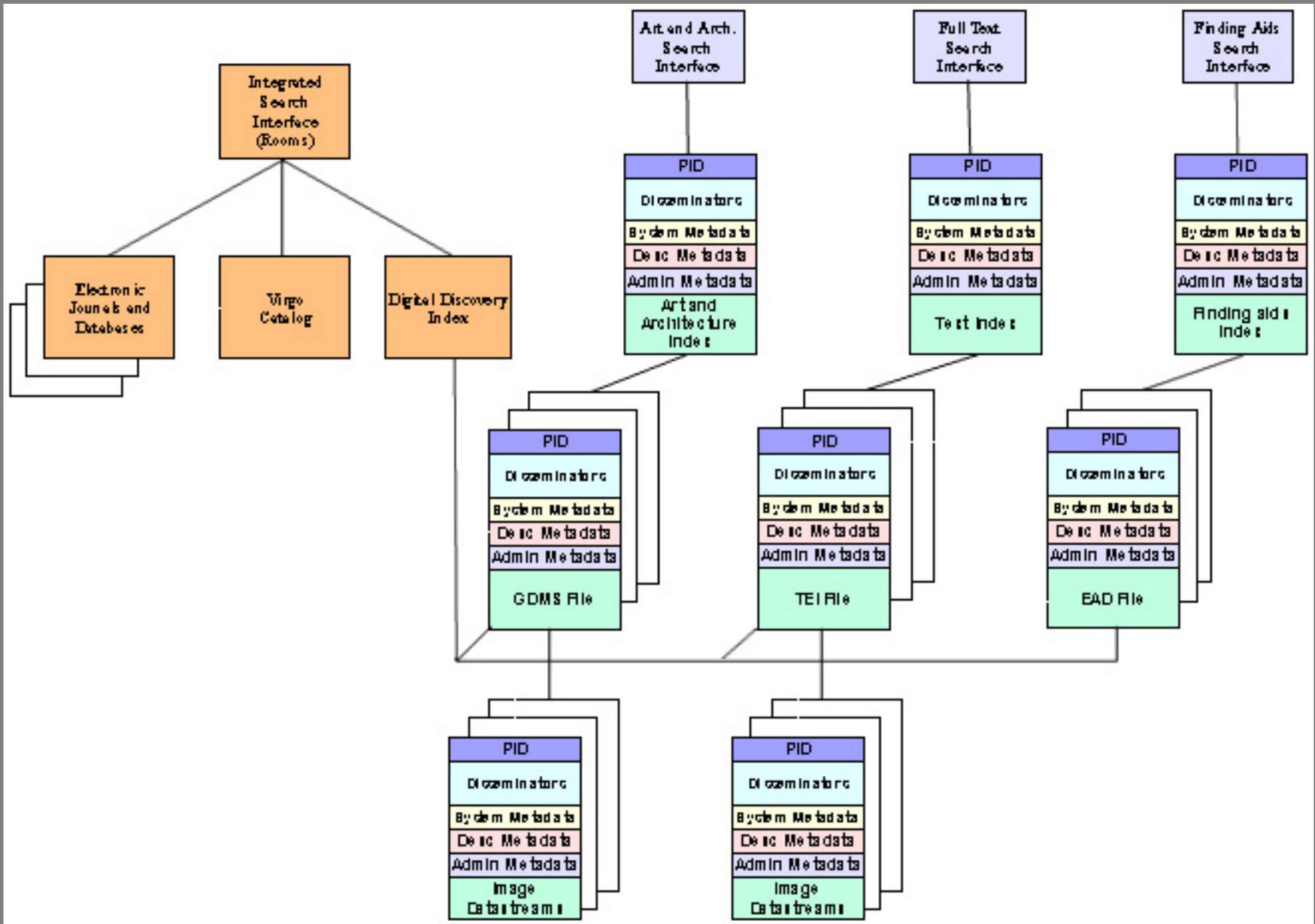
# Collecting Functional Requirements

- Repository developers met with subject librarians and user service librarians to understand how users expect to find digital resources and use them.
- Two working groups discussed digital image and electronic text functional delivery requirements.
- Existing EAD delivery was analyzed by Special Collections staff, and the requirements updated.
- Detailed analysis of the formats and configuration of media files and available metadata for the legacy object collections.

# Requirements Documentation

- Functional specifications for the searches and for the varying results and delivery screens were documented in a detailed activity-centered screen-by-screen description.
- Combination of the functional requirements and analysis of media files and metadata were used to document *content models*, a core Fedora concept describing classes of objects and the *behaviors* (delivery functionality) and *mechanisms* (delivery programs) that they are bound to.
- Great care was needed to confirm that the desired functionality matched behaviors in the content models, and that the correct number and types of media file and metadata datastreams were present to support those behaviors.

# UVa Digital Library Interface Architecture



# Repository Development - Phase 1

- In summer 2003 a "Phase 1" prototype was developed to test both the functionality developed through the specifications process and the interface design.
- The prototype included:
  - Electronic texts from the Library's Special Collections:
    - Two editions of the Lewis and Clark Journals.
    - Illustrated volumes on Westward Exploration.
    - Over 100 volumes from the Early American Fiction project.
  - Art, Architecture, and Cultural Documentation Images:
    - Regional Virginia architecture.
    - Architecture and landscape architecture in Barcelona.
    - National Museum of American Art Catlin American Indian paintings.
    - A selection of ethnographic and archeological objects from UCLA's Fowler Museum.

# Repository Development - Phase 1

- Over 130 Phase 1 comments from Library staff were distilled into 23 recommendations in four categories:
  - User Interface
  - General User Functionality
  - Image-specific Functionality
  - Text-Specific Functionality
- Heuristic usability testing was undertaken with a small group of Library staff.
- The recommendations were ranked by a number of Councils, Committees, and Working Groups to develop a prioritized list.

# Ranked Phase 1 Test Results

1. A "critical mass" of content is required.
2. The ability to limiting searching to a single collection (by format or virtual collection).
3. The ability to view a list of virtual collections, and browse all objects within those collections.
4. Improved on-the-fly image viewing and manipulation.
5. A cross-collection search across all formats.
6. A choice of simple or advanced search available across or within the format-based collections.

# Ranked Phase 1 Test Results

7. Consistent look & feel and navigation.
8. Consistent functionality for images, whether in the image collections or page images.
9. A "Shopping Cart" to collect items into personal portfolios.
10. Multiple formatting options for viewing search results sets, and multiple sorting options.
11. Illustrated page images should be additionally available as part of the general image collections.  
... and six more items with 2 or fewer comments.

# Changes for Phase 2 - Interface

- A new graphic design and navigation was systematically applied.
  - Web Standards implementation with CSS.

# Phase 1 Main Image Collection and Search Page

UVA Digital Library: Collections - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste

Address <http://hatbox.lib.virginia.edu/servlet/SaxonServlet?source=http://www.lib.virginia.edu/digital/collections/template.html&style=http://www.lib.virginia.edu/digital/collections/jc> Go Links >>

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## Digital Collections

[Repository Demo](#) [Images](#) [Texts](#) [Feedback](#) [Digital Initiatives](#) [Questions?](#) [VIRGO](#)

### Image Collections

The UVA Library integrated image collection is UVA's first repository that contains digital images and information about them from Library collections, licensed resources, and faculty projects where the resources are available through a single search for use by the UVA community for teaching and research. This system represents the first phase of an ongoing effort and additional collections will be added on a regular basis.

#### Search All Image Collections

all terms  
 any term

Present results as:  
 Titles only  
 Images only

#### Specific Image Collections

[The Architecture of Jefferson Country](#)  
UVA survey of the architecture of the county of Albemarle and the city of Charlottesville.

[The Barcelona Collection](#)  
University of Virginia image collection for sites and buildings in Barcelona, Spain.

[The UCLA Fowler Museum Collection of African Art](#)  
Selected prehistoric, historic, and contemporary African collections, Pre-Columbian ceramics, and textiles from the UCLA collection.

[The Smithsonian American Art Museum Catlin Indian Paintings Collection](#)  
Over 400 portraits of Native Americans and cultural documentation landscapes by American artist George Catlin.

Digital Initiatives  
University of Virginia  
PO Box 400112  
Charlottesville, VA 22904-4112

[Digital Initiatives Home](#) • [UVA Library Home](#)  
[Search the Library Site](#) • [UVA Home](#)  
Maintained by: [dl@virginia.edu](mailto:dl@virginia.edu)  
© The Rector and Visitors of the [University of Virginia](#)

# Phase 1 Main Text Collection and Search Page

UVA Digital Library: Collections - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste Print Preview Print Setup Print Setup

Address <http://etext.lib.virginia.edu/lewis/repodemo.pl> Go Links >>

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## Digital Collections

[Repository Demo](#) [Images](#) [Texts](#) [Feedback](#) [Digital Initiatives](#) [Questions?](#) [VIRGO](#)

### Text Resources -- Search Demo

Enter search word or phrase:

Search within:

Digital Initiatives  
University of Virginia  
PO Box 400112  
Charlottesville, VA 22904-4112

[Digital Initiatives Home](#) • [UVA Library Home](#)  
[Search the Library Site](#) • [UVA Home](#)  
Maintained by: [dl@virginia.edu](mailto:dl@virginia.edu)  
© The Rector and Visitors of the [University of Virginia](#)

# Phase 2 Main Image Collection and Search Page

UVA Library Digital Collections - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.lib.virginia.edu/digital/collections/image/

Customize Links Free Hotmail Windows Media Windows

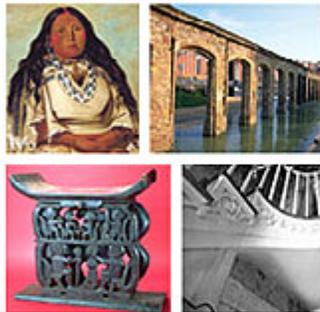
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## Digital Collections

[UVA Library Home](#) [Digital Collections](#) [Texts](#) [Images](#) [Finding Aids](#) [Feedback](#) [Questions](#) [VIRGO](#)

## Digital Image Collections

[Advanced Search](#) [Help](#)



- [simple search](#) →
- [advanced image search](#)
- [cross-collection search](#)
- [browse collections](#)
- [object collector tool & image viewer](#)
- [about digital image collections](#)
- [software requirements](#)

### Search Image Collections

- All words  
 Any word

#### Present results as:

- Images  
 Titles

## Featured Image Collections



### The UCLA Fowler Museum Collection

Selected prehistoric, historic, and contemporary African collections, Pre-Columbian ceramics, and textiles from the Fowler Museum of Cultural History at the University of California, Los Angeles..



### The Smithsonian American Art Museum Catlin Indian Paintings Collection

Over 400 portraits of Native Americans and cultural documentation landscapes by American artist George Catlin.

# Phase 2 Main Text Collection and Search Page

UVA Library Digital Collections - Texts - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.lib.virginia.edu/digital/collections/text/

Customize Links Free Hotmail Windows Media Windows

## Digital Collections

- UVA Library Home
- Digital Collections
- Texts
- Images
- Finding Aids
- Feedback
- Questions
- VIRGO

## Text Collections

[Advanced Search](#) [Help](#)



- [simple search](#) →
- [advanced text search](#)
- [cross-collection search](#)
- [browse featured collections](#)
- [object collector tool & image viewer](#)
- [about digital text collections](#)
- [software requirements](#)

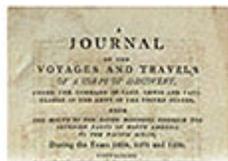
### Search Text Collections

All words  
 Any word

Choose scope of search:

Number of results  
on each page:

## Featured Text Collections



### Lewis & Clark Collection

Full-text and page images of two editions of the Journals of Lewis and Clark (edited by Biddle & Allen in 1814, and by Thwaites in 1904); the published journal (1810) of Patrick Gass, a member of the Corps of Discovery; and the catalog of George Catlin's "Indian Gallery" (1837), painted on his travels with William Clark from 1830-1834.



### Westward Exploration

4,500 full-color page image scans of 19th century American materials related to westward exploration after Lewis and Clark available online. Many of the volumes are extensively illustrated, and all are housed in UVA

# Phase 1 Image Results

UVA Digital Library Search Results - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste Print Preview Print

Address <http://hatbox.lib.virginia.edu/servlet/SaxonServlet?source=http://hatbox.lib.virginia.edu/tmp/imagesearch-14817.xml&style=http://hatbox.lib.virginia.edu/bin/xsl/thumbs.xml> Go Links

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## Digital Collections

[Repository Demo](#) [Images](#) [Texts](#) [Feedback](#) [Digital Initiatives](#) [Questions?](#) [VIRGO](#)

### Image Collections Search -- Thumbnail View

[Help](#) | [New Search](#)

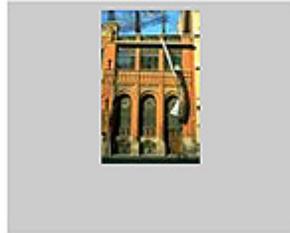
Search for: door

1 - 20 of 1707 images

Jump to: [1](#) [427](#) [854](#) [1280](#) [1707](#)



**Chair and Cloud**  
- Full Information  
- Image zoom, this window  
- Image zoom, new window  
- Download image



# Phase 2 Image Results

IE 6.0 - UVa Library Digital Collections: - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste

Address <http://www.lib.virginia.edu:8080/cocoon/fedora/gdms/getDynamicView.html?behav=getSearchSet&style=http%3A%2F%2Ftext.lib.virginia.edu%2Fxml%2Fgdms%2Fgdms.x> Go Links

**Digital Collections** UNIVERSITY OF VIRGINIA LIBRARY

UVa Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

## Search Results

images & titles images only titles only

1 - 25 of 50 results

1 2 next >



Parc Güell -

Tools & Actions



Parc Güell -

Tools & Actions



Parc Güell -

Tools & Actions







Searched the image collections collection for: "parc guell"

- 50 images in 1 objects
- 1 - 25 of 50 results
- results displayed as images and titles

[Show images only](#)

[Show titles only](#)

**New Search**

All words

Any word

Present results as:

Images

Titles

# Phase 1 Text Transcription

UVA Library: Digital Initiatives - Central Digital Repository Demonstrations - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://hatbox.lib.virginia.edu/servlet/SaxonServlet?clear-stylesheet-cache=yes&source=http://hatbox.lib.virginia.edu/

Customize Links Free Hotmail Windows Media Windows

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## Digital Collections

Repository Demo Images Texts Feedback Digital Initiatives Questions? VIRGO

Page 180 [\[view image\]](#)

CHAPTER XXIV

*THE START FOR HOME*

Lewis's Journal, March 18–April 3, 1806  
Clark's journal, March 18–April 3

[Lewis:]

*Tuesday March 18<sup>th</sup>. 1806*

DREWYER was taken last night with a violent pain in his side. Cap<sup>t</sup>. Clark bleed him. several of the men are complaining of being unwell. it is truly unfortunate that they should be sick at the moment of our departure. we directed Serg<sup>t</sup>. Pryor to prepare the two Canoes which Drewyer brought last evening for his mess. they wanted some knees to strengthen them and several cracks corked and payed. he completed them except the latter operation which the frequent showers in the course of the day prevented as the canoes could not be made sufficiently dry even with the assistance of fire. Comowool and two Cathlahmahs visited us today; we suffered them to remain all night. this morning we gave Delashelwilt a certificate of his good deppartment &c. and also a list of our names, after which we dispatched him to his

# Phase 2 Text Transcription

IE 6.0 - UVa Library Digital Collections - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste

Address <http://repo.lib.virginia.edu:18080/fedora/get/uvva-lib:16369/uvva-lib-bdef:103/getDynamicView?pid=uvva-lib:16369&behav=getObject&rowseid=d236> Go Links >>

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## Digital Collections

[UVa Library Home](#) [Digital Collections](#) [Texts](#) [Images](#) [Finding Aids](#) [Feedback](#) [Questions](#) [VIRGO](#)

### Lewis, Meriwether

### Original Journals of the Lewis and Clark Expedition, 1804-1806

Vol. 4

[Basic Search](#) [Advanced Search](#)

[go to ...](#) [table of contents](#) [view page images](#) [entire work](#)

Jump to page #  [Go](#)

Page 180

view page image: [P](#) [P](#)

#### Chapter XXIV

#### THE START FOR HOME

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<sup>1</sup> Biddle relates (ii, p. 204, note) that one of these papers was delivered by the natives to Captain Hill, of the American brig "Lydia." Proceeding to Canton, he apparently presented it to a friend there, who sent a copy of it (with a letter dated January, 1807) to a friend in Philadelphia.—Ed.



# Changes for Phase 2 - Functionality

- Multiple search format options were added.
- Simple and advanced searches for a high-level cross-collection search, format-based simple and advanced full-text searches, and advanced search options to limit to virtual collections were added.
- Virtual collection browse capability was added.

# Phase 2 Advanced Text Search

UVA Library Digital Collections - Advanced Text Search - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.lib.virginia.edu/digital/collections/text/advanced-search.html

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Digital Collections

UVA Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

Text Collections [Basic Search](#) [Help](#)

## Advanced Search

Search for word or phrase:

Choose scope of search:  
All text collections

Constrain by author name:  
  
and/or title:

and/or 'first published' date range:  
begin date:   
end date:

For compound searching:  
Enter second word or phrase:  
  
Choose proximity:  
near  
within 40 characters of first term



Use this form to search across **text collections** in a more focused manner. You may specify any or all of the following criteria:

- ◆ Enter a **word or words** into the search box.
- ◆ You may use the **default** "anywhere" to search across all categories of data.
- ◆ **Limit** the search by using the drop-down box to select a specific data category of search (title, name, subject, etc.), or use the "first published" date range.
- ◆ **Compound Searching:** You may also combine up to three searches by selecting the functions "and" (must include) or "or" (either/or) to further broaden or narrow your query.
- ◆ **Scope:** Choose whether to search across all text collections, or individual collections.
- ◆ **Sort results** into groupings by title or by author's name.

# Phase 2 Text Search Results

UVA Library Digital Collections - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://europa.lib.virginia.edu/coocoon/fedora/tel/getDynamicResults.html?style=http%3A%2F%2Ftext.lib.virginia.edu%2... Go "gle tax corporation"

Customize Links Free Hotmail Windows Media Windows Toward High-Perfor...

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**Digital Collections**

UVA Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

## Search Results

[Advanced Search](#) [Help](#)

all results

1 - 14 of 14 results

1

	<u><a href="#">History of the Expedition Under the Command of Captains Lewis and Clark, to the Sources of the Missouri, Thence Across the Rocky Mountains and Down the River Columbia to the Pacific Ocean</a></u>	<i>1404 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>1269 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>1256 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>1219 matches</i>
	<u><a href="#">History of the Expedition Under the Command of Captains Lewis and Clark, to the Sources of the Missouri, Thence Across the Rocky Mountains and Down the River Columbia to the Pacific Ocean</a></u>	<i>1195 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>1184 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>1018 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	<i>869 matches</i>
	<u><a href="#">Original Journals of the Lewis and Clark Expedition, 1804-1806</a></u>	

# Phase 2 Text Results – Hits in Context

UVA Library Digital Collections - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://europa.lib.virginia.edu/cocoon/fedora/tei/getDynamicResults.html?behav=getResultsOffset&style=http://text.lib.virginia.edu/

UNIVERSITY OF VIRGINIA LIBRARY

Digital Collections

UVA Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

Search Results [Advanced Search](#) [Search Tips](#)

all results

**Lewis, Meriwether**  
Original Journals of the Lewis and Clark Expedition, 1804-1806

1. d. and several bars, **river** 1 M. wide 7. N.60°. E.
2. ll lower I arived at the enterance of a **river** 100 yards wide back of a small island on the South Side. it contains
3. d points passed a **river** 100 yards wide on the Lard. Side, shallow and the
4. om widens into a handsome prarie. **river** 110 yds. wide.
5. Establishments on the Assinniboin **River** 12 or 14 horses, 3 of which Mr. Heney is to ha
6. falls in on the East side. Clark **river** 120 yds. wide buffaloe **river** [blank space in M
7. asses out of the Rocky Mountains. **river** 120 Yds wide bold, rapid and deep. M
8. ds. on it's N. Side **river** 120 Yds wide, passed a creek on South Side at 6 Miles, one at 22 mil
9. oad passing up on the W. side of Clarks **river** 13 Miles to the West fork
10. to Maria's **River** 130 yds. wide 3 feet deep enc
11. Miles to Marias **river** 130 yards wide 3 feet deep. here Capt Lewis en
12. s itself in two channels. Clark's **river** 150 yds. wide the East branch from 90 to 120.
13. this evening on N. E. side of the **river** 2 ms. above our encampment of the 12
14. (rapids) of the Columbia the **river** 200 yds. wide. their common house at this fish

# Phase 2 Advanced Image Search

UVA Library Digital Collections - Advanced Image Search - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.lib.virginia.edu/digital/collections/image/advanced-search.html

Go "gle tax corporation"

Customize Links Free Hotmail Windows Media Windows Toward High-Perfor...

## Digital Collections

[UVA Library Home](#) [Digital Collections](#) [Texts](#) [Images](#) [Finding Aids](#) [Feedback](#) [Questions](#) [VIRGO](#)

## Image Collections

[Basic Search](#) [Help](#)

### Advanced Search

in  
   
 in  
   
 in

Present results as:  
 Images  
 Titles



Use this form to search across **image collections** in a more focused manner.

- ◆ **Enter a word or words** into the search box.
- ◆ You may use the **default** "anywhere" to search across all categories of data.
- ◆ **Limit** the search by using the drop-down box to select a specific data category of search (title, name, subject, etc.).
- ◆ **Compound Searching:** You may also combine up to three searches by selecting the functions "and" (must include) or "or" (either/or) to further broaden or narrow your query.
- ◆ It is not necessary use to all the boxes.

See [Help](#) for more detailed instructions.

The images in the Repository may also be searched alongside the other digital collections in a [cross-collection search](#).

# Phase 2 Image Results – Titles Only

UVA Library Digital Collections: - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://europa.lib.virginia.edu/cocoon/fedora/gdms/getDynamicView.html?behav=getSearchSet&style=http://text.lib.virg... Go "gle tax corporation"

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## Digital Collections

UVA Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

### Search Results

Advanced Search Help

images & titles images only titles only

1 - 25 of 45 results

1 2 next >

Title	# of images
<a href="#">Assiniboine Indians Pursuing Buffalo on Snowshoes</a>	1
<a href="#">Batiste, Bogard, and I, Approaching Buffalo on the Missouri</a>	1
<a href="#">Batiste and I Running Buffalo, Mouth of the Yellowstone</a>	1
<a href="#">Bogard, Batiste, and I, Chasing Buffalo in High Grass on a Missouri Bottom</a>	1
<a href="#">Buffalo Bull, Grazing on the Prairie</a>	1
<a href="#">Buffalo Bulls Fighting in Running Season, Upper Missouri</a>	1
<a href="#">Buffalo Bulls in a Wallow</a>	1
<a href="#">Buffalo Chase, a Single Death</a>	1

Searched the image collections collection for:  
"catlin" in agent and  
"buffalo" in title

- 45 images in 45 objects
- 1 - 25 of 45 results
- results displayed as titles only

[Show images and titles](#)  
[Show images only](#)

New Search

All words  
 Any word

Present results as:  
 Images  
 Titles

# Changes for Phase 2 - Tools

- An improved ImageViewer that supports zooming, panning, rotation, and other on-the-fly image manipulation was implemented for the image collection and for page images.
- A Digital Object Collector Tool for users to create personal portfolios and generate slide shows or websites that include pointers to the images and metadata in the Repository. The slide shows and web sites deliver the images wrapped in the ImageViewer.
  - Later releases will be generalized to support the collection of other object types.

# Phase 1 Image Viewer

UVA Digital Library

http://iris.lib.virginia.edu/mrsid/bin/get\_image2.pl?image=/www/doc/image/barcelona2001/max/485 - Microsoft Internet Explorer

File Edit View

File Edit View Favorites Tools Help

Back Forward

Back Forward Stop Home Search Favorites Media Print Copy Paste

Address http://he

Address http://iris.lib.virginia.edu/mrsid/bin/get\_image2.pl?image=/www/doc/image/barcelona2001/max/4859001.sid&size=medium2 Go Links

## Digital Repository

Chair a  
alternate  
alternate  
creator:  
contribu  
subject:  
notes: E  
identifie  
location:  
creation  
medium



Oblique v



View of s



About Info 100% Fit to Frame +25% 75% -25%

Digital Initiatives  
University of Virginia  
PO Box 4001

# Phase 2 Image Viewer

IE 6.0 - UVA Library Digital Collections: - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Copy Paste

Address <http://www.lib.virginia.edu:8080/cocoon/fedora/gdms/getDynamicView.html?behav=getSearchSet&style=http%3A%2F%2Ftext.lib.virginia.edu%2Fxsf%2Fgdms%2Fgdms.x> Go Links >>

**Digital Collections**

UVA Library Home Digital Collections Texts Images Finding Aids Feedback Questions VIRGO

**Search Results** [Advanced Search](#) [Help](#)

images & titles images only titles only

1 - 25 of 62 results

1 2 3 next >



Colonia Güell Chapel -

- Get information
- Open in ImageTool
- Add to Collection
- Download large version



Colonia Güell -

- Tools



Finca Güell Pavilions -



Finca Güell -

Untitled Document - Microsoft Internet Explorer

File Edit View Favorites Tools Help

File View Adjust Help

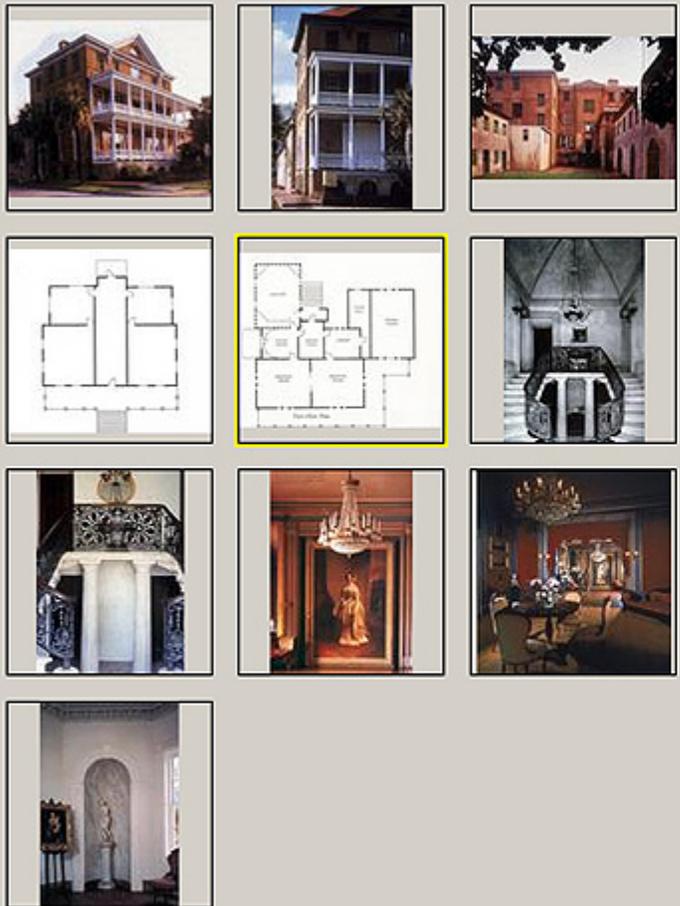


uva-lib:79647/uva-lib:79646

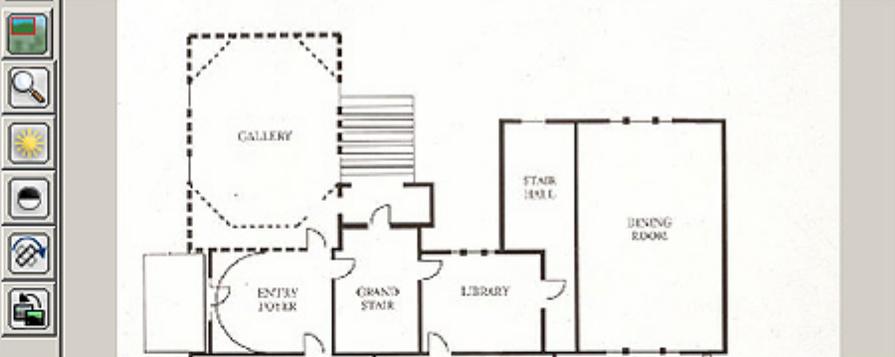
# Working with an Image Collection in the Object Collector Tool

**Object Collector Tool**  
File Edit View Tools Help

Default Images arch\_test



**Aiken-Rhett House : plan (drawing), First floor after 1830s remodeling**  
File View Adjust Window Help 55 %



**Aiken-Rhett House : general view, rear**  
File View Adjust Window Help 134 %



# Image Reserve Web Site Created with the Object Collector Tool

Aiken Rhett House - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Print Copy Paste

Address [http://www.people.virginia.edu/~rlj4g/reserves/arch\\_test.html](http://www.people.virginia.edu/~rlj4g/reserves/arch_test.html) Go Links

## Aiken Rhett House



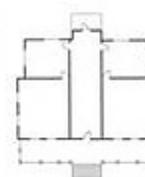
Aiken-Rhett House :  
oblique view



Aiken-Rhett House :  
exterior, Corner of the  
piazza



Aiken-Rhett House :  
general view, rear



Aiken-Rhett House :  
plan (drawing), First  
floor as built in 1818



Aiken-Rhett House :  
plan (drawing), First  
floor after 1830s  
remodeling



Aiken-Rhett House :  
interior, Hall and  
staircase



Aiken-Rhett House :  
interior, Entrance hall  
and stair



Aiken-Rhett House :  
interior, East drawing  
room w/ portrait of  
Mrs. Aiken



Aiken-Rhett House :  
interior, Twin drawing

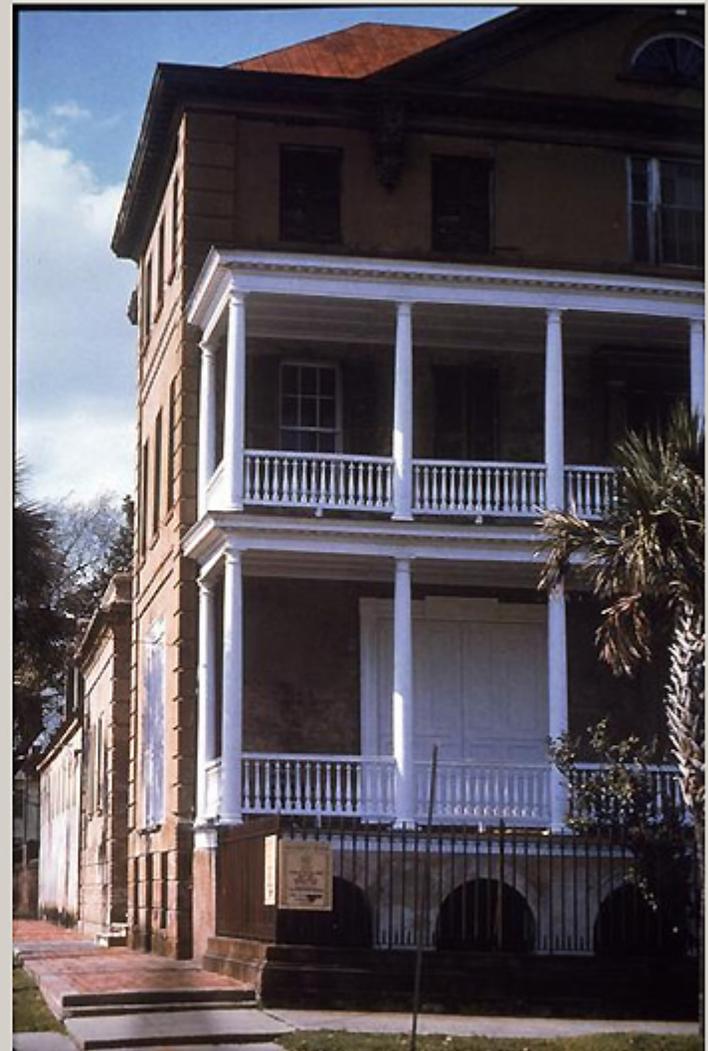


Aiken-Rhett House :  
interior Art gallery

# Slide Show Generated in the Object Collector Tool



Aiken-Rhett House : general view, rear



Aiken-Rhett House : exterior, Corner of the piazza

# Phase 2 Tested with Library Staff

- Interface issues identified and bugs discovered:
  - Unneeded set page number identifiers removed from small result set displays.
  - Message and search box added to display when no there are no results for a search.
  - Character limit put in place for display of titles in the image grid.
  - Author name added to title in text search results display.
  - Search Term highlighting in results implemented.
  - Advanced Search link added to image collection browse screen.

# Changes for Phase 2 - Infrastructure

- To change the interface and functionality, disseminators had to be modified and added.
  - Low-level disseminators: "grunt work" -- getting the structure of document, getting chunks of a document, etc.
  - High-level disseminators: request one or more low level disseminations to generate the content to present, e.g., get the xml and then apply the formatting XSLT and CSS, or pass data to applications.
- "Separation of Concerns" – production encoding must use div and span tags that can be styled by the CSS, and inform the delivery programmer about accepted variation of the content or changes.
- Change from Saxon XSLT Java servlet to Cocoon to support pipeline transformations, multiple pipeline engines, support xinclude, ability to aggregate many xml documents into one under a new root node, etc.
  - Some grunt work now taking place in Cocoon STX with a squid cache.

# Phase 2 Tested with Library Staff

- Interface issues identified and bugs, continued:
  - Menu labeling inconsistencies fixed.
  - Updates made to metadata labels and content displayed in Image Full Information screen and in the Collector Tool.
  - Request for the ability to collect page image to be added to thumbnail in transcription view.
  - Issues with indexing of fully transcribed books versus books with page images only and no transcriptions.
  - Menus in Collector Tool renamed and reorganized.
  - Phrase searching and diacritic handling bugs fixed.
  - Duplicate image grid display bug fixed.

# Phase 2 Evaluation by Faculty

- Six Faculty members from four departments are testing the image collections in the classroom this term.
  - Architectural History, Art History, Landscape Architecture, and Religious Studies.
- Feedback so far:
  - Image search results should return only the images that match, not objects.
  - Ability to generate a URL for an individual image to use as a pointers.
  - Additional metadata for individual images requested.
  - Ability to add annotations and custom captions to personal collections, and selectively include metadata when creating web pages.
  - Ability to place duplicates of digital images within in a collection.
  - Add a collection list printing feature.
- Bug: Issues with Java and Safari on Macintoshes.

# Phase 2 Usability Testing

- Usability testing of the Image Collection interface is just getting underway.
- Focus groups with faculty – two have been held so far with Architecture and Architectural History faculty.
  - Almost all comments so far are requests for additional functionality in the Collector Tool.
- When the cross-collection and EAD searches are added, additional usability testing will take place.

# Repository Status

- **The Repository is in its first experimental year. The Repository is still under development and subject to updates that may selectively affect functionality and availability.**
- Feedback will inform the development of the Repository that will launch in fall 2005 as the official production release.

# Thanks to the Implementation Team

- **Gary Barrow**
- **Melinda Baumann**
- **Beth Camden**
- **Doug Chestnut**
- **Bob Haschart**
- **Jack Kelly**
- **Steve Majewski**
- **Greg Murray**
- **Perry Roland**
- **Adam Soroka**
- **Erin Stalberg**
- **Thorny Staples**
- **Ross Wayland**