

BAMPFA: Inventory and Move Webapps

DRAFT
8 January 2015 jbl

Introduction

The webapps are a suite of browser-based tools which access the CollectionSpace database to provide critical functionality not provided by the "regular" interface.

In general, the webapps operate on *sets of records*, a set being defined as something like "all objects in a range of Museum numbers", e.g., "1995.12.1" TO "1995.12.9", or "all objects in a location or sequence of locations" (e.g. "Collection Storage, 01A" to "Collection Storage, 03B"). Typical operations performed are updating certain fields for sets of records, or creating move or inventory actions for them.

Besides move and data update operations, a few other webapps provide a means to print barcodes and view database content (e.g., authority hierarchies) in useful ways.

There are two classes of webapps in use at BAMPFA:

1. Procedural webapps, which move objects and crates to other locations; and support uploading media.
2. Reporting webapps, which return information about the collection (and do not change any data).

Procedural webapps

- [Systematic Inventory](#)
- [Power Move](#)
- [Bulk Media Upload](#)

Reporting webapps

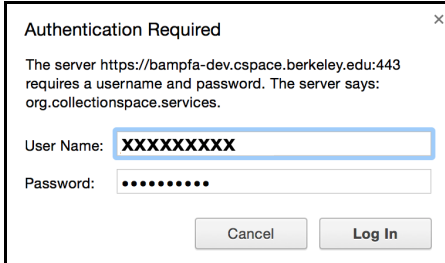
- [Packing List Report](#)

Don't forget to read up on the [gotchas!](#) to be found in these webapps.

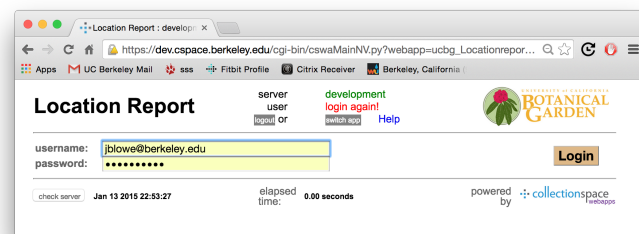
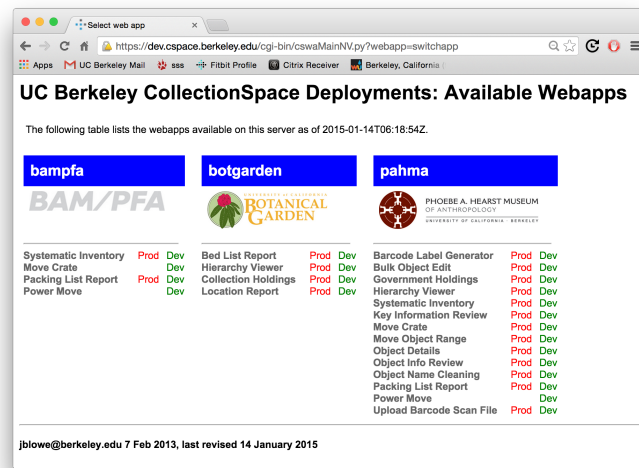
Getting to the Webapps

Logging in

- Visit: <https://dev.cspace.berkeley.edu/cgi-bin/cswaMainNV.py>
- You will need login in two steps:
- First, you will see an *Authentication Required* dialog box like the one shown above right. Login using the "shared page protection login/password." (I.e. there is a single, common login and password that everyone uses to get to the starting page. Ask around if you don't know it.
- Now you should see the "landing page" at right, showing the various webapps that are available.
- **Green** indicates a Development webapp: Harmless! Feel free to play around and experiment!



- **Red** indicates a Production webapp: Do real work here.
- Clicking on one of the colored links will bring you to the desired webapp as shown below at right. Now, login with your own CSpace credentials.
- ...And begin to enjoy using the webapps!



Short Description of Each Webapp

A screenshot of each of these is provided below with a short description of its operation.

1. Producedural Webapps

Systematic Inventory

server user
[logout](#) or
[login](#)

development
jblowe@berkeley.edu
[switch app](#) [Help](#)

start location: Collection Storage, 06F
reason: Inventory

end location: Collection Storage, 07B
handler: Kelly Bennett

Search

ID number	Title	Found	Not Found	Notes
Collection Storage, 06F				
1921.1	Teete's House	<input type="radio"/>	<input type="radio"/>	
1943.2	Judith with Head of Holofernes	<input type="radio"/>	<input type="radio"/>	
1966.63	Before the Caves	<input type="radio"/>	<input type="radio"/>	
1970.64	Barge on Lake Annecy (Barque sur le lac d'Annecy)	<input type="radio"/>	<input type="radio"/>	
1993.48	forget it	<input type="radio"/>	<input type="radio"/>	
Collection Storage, 07B				
1965.29	Daphnis and Chloe	<input type="radio"/>	<input type="radio"/>	
1966.17	The Constructors with Bicycles (Study for the Constructors, First Version)	<input type="radio"/>	<input type="radio"/>	
1967.78	Let Us Call It Arden / and Live In It	<input type="radio"/>	<input type="radio"/>	
1971.42	Happy Death Stone	<input type="radio"/>	<input type="radio"/>	
1976.9	Women's Equality	<input type="radio"/>	<input type="radio"/>	
1984.23	Therese Bonney	<input type="radio"/>	<input type="radio"/>	
1984.38	Interior at Thérèse Bonney	<input type="radio"/>	<input type="radio"/>	
1997.43	Commander and Chief "The Assault"	<input type="radio"/>	<input type="radio"/>	
2010.34.2	Untitled, from Eight by Eight Portfolio to Celebrate the Temporary	<input type="radio"/>	<input type="radio"/>	
2012.13	Contemporary	<input type="radio"/>	<input type="radio"/>	
2014.6	Movie & Marathon You & Me On A Sunny Day 109/135	<input type="radio"/>	<input type="radio"/>	
2014.6	Crucial Eye	<input type="radio"/>	<input type="radio"/>	

Update Locations

Caution: clicking on the button at left will change the inventory of ALL 16 objects shown in these 2 locations!

check server Jan 08 2015 20:12:39
elapsed time: 0.19 seconds
powered by collectionspace

This webapp allows registrars to reconcile the results of a (normally physical) inventory. User enters a *range* of storage locations and the objects in those locations are displayed; the user can then indicate (using the radio buttons) whether the object is

indeed located or not. Other reports or the regular UI can be used to follow up on the objects that were not located. [NB: There is a printed "Systematic Inventory" PDF report, generated by iReport, that can be used alongside this webapp. The Systematic Inventory webapp is essentially an editable version of this PDF report. Data entry can be done quite quickly, in large part due to the close similarity of the two documents.]

Power Move

server

development

user

import@bampfa.cspace.berkeley.edu

logged in

Or

switch app

Help

BAM/PFA

from location:

Collection Storage, 13B

to location:

Collection Storage, 12B

crate (optional):

crate (optional):

My Test Crate 01

reason:

Inventory

handler:

Kelly Bennett

Search

Move Objects

Caution: clicking on the button at left will move ALL 4 objects shown in this crate!

check server

Nov 21 2014 10:12:31

elapsed time:

0.21 seconds

powered by

collectionspace webapps

This webapp allows registrars, collections managers, and conservators to record the movement of a box or other container—and all of its contained objects—to a

new storage location. The user must specify the box, crate, or container name, its current storage location, and the desired new storage location. The user can choose to exclude any objects from the planned move (for instance, if objects were removed just prior to the planned move) by selecting the "Not Found" radio button. Once "Move Objects" is clicked, all displayed objects not marked as "Not Found" will be recorded as having been moved to the new storage location, while remaining in their current box. Objects marked as "Not Found" will have their new location set to "Not Found," and will have to have their actual current location manually set in the CSpace UI. This webapp can also be used to inventory the contents of a box or crate, as it performs the same functionality as the Systematic Inventory webapp, but allows selection of a single box, rather than all boxes and all objects at a specific location.

Hi, jblowe@berkeley.edu

Sign out

BAM/PFA

Bulk Media Upload

collectionspace webapps

1. Select Files to Upload

Choose Files No file chosen

2. Select action to perform

Upload to CSpace and Create Media Records NOW (100 media files max)

Upload to CSpace and Queue for LATER CSpace Ingestion

7 files uploaded

File Name	Object Number	File Size	Date Created	Creator	Contributor	Rights Holder
bampfa_1995-46-197-a-h_004_3.jpg	1995.46.197.a-h	69796	2014:10:02 11:35:05			
bampfa_1995-46-197-a-h_005_3.jpg	1995.46.197.a-h	72470	2014:10:02 11:41:08			
bampfa_1995-46-194-2_001_3.jpg	1995.46.194.2	119544	2014:09:29 15:43:57			
bampfa_1995-46-194-4_001_3.jpg	1995.46.194.4	104071	2014:09:29 15:51:46			
bampfa_1995-46-195_001_3.jpg	1995.46.195	110095	2014:10:01 16:26:46			
bampfa_1995-46-194-1_001_3.jpg	1995.46.194.1	92123	2014:09:29 15:37:49			
bampfa_1995-46-194-3_001_3.jpg	1995.46.194.3	94414	2014:09:29 15:47:30			

Job 2014-11-15-15-03-32 enqueued; 7 images.

3. Check on jobs and uploads

View the Job Queue

Current time: Nov 15 2014 15:03:32. This is the development version.

powered by

collectionspace webapps

This webapp uploads media files (usually images) to

CollectionSpace. The user selects a set of files on their local computer (using the "Choose Files" button) and then uploads these to the CSpace server. They are then "ingested" into CSpace via a nightly import job. There is an option to perform the ingestion process online, but since the process is slow -- several seconds at least per image -- the usual practice is to use the nightly batch option.

2. Reporting Webapps

This webapp produces both packing lists and decanting lists, and offers PDF and CSV options for both. For packing lists, a range of storage locations is entered, and a list of all objects at those locations is generated, grouped by current storage location. To restrict this list to objects from a certain place or continent, a collection place can be specified. To produce decanting lists that facilitate organizing objects by cultural group, the user need only check the "group by culture" checkbox.

Packing List Report

server

user

logout

development

import@bampfa.cspace.berkeley.edu

switch app

Help

BAM/PFA

start location:

Collection Storage, 12B

end location:

Collection Storage, 13B

Search

ID number

Title

Artist

Medium

Dimensions

Credit Line

Collection Storage, 12B

No objects found at this location.

Collection Storage, 12F

1966.55	#15	McLaughlin, John	oil on canvas	48 x 60 in.	Gift of John McLaughlin
1996.9.1	Night	Appleby, Anne	oil and wax on canvas	48 x 48 in.	Gift of Elaine McKeon
2007.26	Portrait of a Young Boy in an Interior with His Dog	de Keyser, Thomas	Oil on panel	47 x 31 in.	Gift of Michael Barglow and Laurie Baumgarten on behalf of the Michael, Raymond, and Peter Barglow families, in memory of their parents, Hildegard and David Barglow
EL.2.12	Amanda (Meadow Breeze)	McGinley, Ryan	Chromogenic print	48 x 72 in.	

Collection Storage, 13B

1969.28.3	Burraquena (Pintquinestras, Serie De Las Gigantas Amorosas)	Saura, Antonio	lithograph		Gift of Mr. and Mrs. Anton Marguleas
1995.18	Saint Spill	Wiley, William T.	acrylic on canvas	76-1/2 x 100 in.	Gift of Natalie and Irving Forman in honor of Dr. Lisa Forman, Class of 1974
2012.43.2	Untitled (On the Edge), #8	Lin, Isaac	Gousache on C-print	22 x 30 in.	Museum purchase: Bequest of Phoebe Apperson Hearst, by exchange
EL.1.07.1	Imperial portrait thangka of the Fifth Dalai Lama		embroidered silk	49-3/4 x 22-3/8 in.	On long-term loan from a private collection

Packing list completed. 8 objects, 3 locations, 2 including crates

check server

Nov 21 2014 10:11:39

elapsed time:

0.31 seconds

powered by

collectionspace webapps

Systematic Inventory: Step 1, Initial Data Entry

Systematic Inventory

server

user

logout

development

jblowe@berkeley.edu

switch app

Help

BAM/PFA

start location:

Collection Storage, 06F

end location:

Collection Storage, 07B

reason:

Inventory

handler:

Kelly Bennett

Search

2 locations in this range

Collection Storage, 06F

Collection Storage, 07B

Enumerate Objects

check server

Jan 08 2015 20:12:23

elapsed time:

0.02 seconds

powered by

collectionspace webapps

Inputs and Outputs

- Start Location
- End Location
- Reason
- Handler

Remarks

- Fill in all 4 values
- Click Search

Systematic Inventory: Step 2, Inventory Input form

Systematic Inventory

server
user
logout OR
development
jblowe@berkeley.edu
switch app Help

BAM/PFA

start location: Collection Storage, 06F
reason: Inventory
end location: Collection Storage, 07B
handler: Kelly Bennett

Search

ID number	Title	Found	Not Found	Notes
Collection Storage, 06F				
1921.1	Teete's House	<input checked="" type="radio"/>	<input type="radio"/>	
1943.2	Judith with Head of Holofernes	<input checked="" type="radio"/>	<input type="radio"/>	
1966.63	Before the Caves	<input checked="" type="radio"/>	<input type="radio"/>	
1970.64	Barge on Lake Annecy (Barque sur le lac d'Annecy)	<input checked="" type="radio"/>	<input type="radio"/>	
1993.48	forget it	<input checked="" type="radio"/>	<input type="radio"/>	
Collection Storage, 07B				
1965.29	Daphnis and Chloe	<input type="radio"/>	<input checked="" type="radio"/>	
1966.17	The Constructors with Bicycles (Study for the Constructors, First Version)	<input checked="" type="radio"/>	<input type="radio"/>	
1967.78	Let Us Call It Arden / and Live In It	<input checked="" type="radio"/>	<input type="radio"/>	
1971.42	Happy Death Stone	<input checked="" type="radio"/>	<input type="radio"/>	
1976.9	Women's Equality	<input checked="" type="radio"/>	<input type="radio"/>	
1984.23	Therese Bonney	<input checked="" type="radio"/>	<input type="radio"/>	
1984.38	Interior at Thérèse Bonney	<input checked="" type="radio"/>	<input type="radio"/>	
1997.43	Commander and Chief "The Assault"	<input checked="" type="radio"/>	<input type="radio"/>	
2010.34.2	Untitled, from Eight by Eight Portfolio to Celebrate the Temporary Contemporary	<input checked="" type="radio"/>	<input type="radio"/>	
2012.13	Movie & Marathon You & Me On A Sunny Day 109/135	<input checked="" type="radio"/>	<input type="radio"/>	
2014.6	Crucial Eye	<input checked="" type="radio"/>	<input type="radio"/>	

Update Locations

Caution: clicking on the button at left will change the inventory of ALL 16 objects shown in these 2 locations!

check server Jan 08 2015 20:12:39

elapsed time: 0.19 seconds

powered by collectionspace webapps

Inputs and Outputs

- If an object is not located, click the Not Found radio button for that item
- Make notes for each one if you like -- these are saved in the Movement Record in CSpace.

Remarks

- Click Update Locations to commit your inventory work to the database

Systematic Inventory: Step 3, Result Page

Systematic Inventory

server
user
logout OR
development
jblowe@berkeley.edu
switch app Help

BAM/PFA

start location: Collection Storage, 06F
reason: Inventory
end location: Collection Storage, 07B
handler: Kelly Bennett

Search

Museum #	Updated Inventory Status	Note	Update status
1943.2	found		location updated.
1976.9	found		location updated.
1971.42	found		location updated.
1984.38	found		location updated.
1966.17	found		location updated.
1997.43	found		location updated.
1993.48	found		location updated.
2010.34.2	found		location updated.
2014.6	found		location updated.
1984.23	found		location updated.
1921.1	found		location updated.
1967.78	found		location updated.
1970.64	found		location updated.
2012.13	found		location updated.
1966.63	found		location updated.
1965.29	not found		moved to 'Not Located'.

16 of 16 object locations updated

check server Jan 08 2015 20:13:10

elapsed time: 7.49 seconds

powered by collectionspace webapps

Remarks

- NB: the objects are not updated in order, alas.
- You can save or print this page for your records.

Power Move: Steps 1 & 2, Initial Data Entry and Verification

Power Move

server user development
import@bampfa.cspace.berkeley.edu
logout or switch app Help

BAM/PFA

from location: Collection Storage, 13B
crate (optional):
reason: Inventory

to location: Collection Storage, 12B
crate (optional): My Test Crate 01
handler: Kelly Bennett

Search

Museum #	Object name	Move	Don't Move	Notes
Collection Storage, 13B				
1969.28.3	Burraquena (Pintiquinestras, Serie De Las Gigantas Amorasas)	<input type="radio"/>	<input checked="" type="radio"/>	
1995.18	Saint Spill	<input type="radio"/>	<input checked="" type="radio"/>	
2012.43.2	Untitled (On the Edge), #8	<input type="radio"/>	<input checked="" type="radio"/>	
EL.1.07.1	Imperial portrait thangka of the Fifth Dalai Lama	<input type="radio"/>	<input checked="" type="radio"/>	

Move Objects

Caution: clicking on the button at left will move **ALL 4 objects** shown in this crate!

check server

Nov 21 2014 10:12:31

elapsed time: 0.21 seconds

powered by collectionspace webapps

Inputs and Outputs

- From Location
- To Location
- From Crate
- To Crate
- Reason
- Handler
- Reason
- Handler

Remarks

- Shows the objects that will be moved.
- You can use the check boxes under "Move?" to prevent individual items from being moved.
- A very powerful tool, use with caution!

Power Move: Step 2, Response Page

Power Move

server user development
import@bampfa.cspace.berkeley.edu
logout or switch app Help

BAM/PFA

from location: Collection Storage, 13B
crate (optional):
reason: Inventory

to location: Collection Storage, 12B
crate (optional): My Test Crate 01
handler: Kelly Bennett

Search

Museum #	Updated Inventory Status	Note	Update status
EL.1.07.1	do not move		not moved.
1969.28.3	do not move		not moved.
2012.43.2	move		object moved to Collection Storage, 12B: My Test Crate 01.
1995.18	do not move		not moved.

4 of 4 object locations updated

check server

Nov 21 2014 10:20:52

elapsed time: 1.62 seconds

powered by collectionspace webapps

Remarks

- Shows the result of each move.

Bulk Media Upload

1. Select Files to Upload

 No file chosen

2. Select action to perform

3. Check on jobs and uploads

3 jobs in the queue

Job Number	Job Flag	Job States
2014-11-14-10-54-23		pending
2014-11-12-22-40-54		complete run log
2014-11-12-18-45-14		pending

Current time: Nov 14 2014 10:55:25. This is the [development](#) version.powered by collectionspace
webapps

Inputs and Outputs

- A set of files, selected via the Browse button

Remarks

- To see what is in the queue, click the "Show Jobs" button.

Packing List: Step 1, Initial Data Entry

Packing List Report

server user

development

import@bampfa.cspace.berkeley.edu

logout or switch app Help

BAM/PFA

start location:

end location:

ID number	Title	Artist	Medium	Dimensions	Credit Line
Collection Storage, 12B					
No objects found at this location.					
Collection Storage, 12F					
1966.55	#15	McLaughlin, John	oil on canvas	48 x 60 in.	Gift of John McLaughlin
1996.9.1	Night	Appleby, Anne	oil and wax on canvas	48 x 48 in.	Gift of Elaine McKeon
2007.26	Portrait of a Young Boy in an Interior with His Dog	de Keyser, Thomas	Oil on panel	47 x 31 in.	Gift of Michael Barglow and Laurie Baumgarten on behalf of the Michael, Raymond, and Peter Barglow families, in memory of their parents, Hildegard and David Barglow
EL.2.12	Amanda (Meadow Breeze)	McGinley, Ryan	Chromogenic print	48 x 72 in.	
Collection Storage, 13B					
1969.28.3	Burraquena (Pintiquinestras, Serie De Las Gigantas Amorosas)	Saura, Antonio	lithograph		Gift of Mr. and Mrs. Anton Marguleas
1995.18	Saint Spill	Wiley, William T.	acrylic on canvas	76-1/2 x 100 in.	Gift of Natalie and Irving Forman in honor of Dr. Lisa Forman, Class of 1974
2012.43.2	Untitled (On the Edge), #8	Lin, Isaac	Gouache on C-print	22 x 30 in.	Museum purchase: Bequest of Phoebe Apperson Hearst, by exchange
EL.1.07.1	Imperial portrait thangka of the Fifth Dalai Lama		embroidered silk	49-3/4 x 22-3/8 in.	On long-term loan from a private collection

Packing list completed. 8 objects, 3 locations, 2 including crates

check server

Nov 21 2014 10:11:39

elapsed time: 0.31 seconds

powered by collectionspace webapps

Inputs and Outputs

- Start Location
- End Location

Remarks

- Note that the results can be download to a .csv file for use as a spreadsheet

Packing List: Step 2, Response Page

Packing List Report					
		server user logout or	development import@bampfa.cspace.berkeley.edu switch app Help	BAM/PFA	
start location:	Collection Storage, 12B	end location:	Collection Storage, 13B	Search	
ID number	Title	Artist	Medium	Dimensions	Credit Line
Collection Storage, 12B: My Test Crate 01					
2012.43.2	Untitled (On the Edge), #8	Lin, Isaac	Gouache on C-print	22 x 30 in.	Museum purchase: Bequest of Phoebe Apperson Hearst, by exchange
Collection Storage, 12F					
1966.55	#15	McLaughlin, John	oil on canvas	48 x 60 in.	Gift of John McLaughlin
1996.9.1	Night	Appleby, Anne	oil and wax on canvas	48 x 48 in.	Gift of Elaine McKeon
2007.26	Portrait of a Young Boy in an Interior with His Dog	de Keyser, Thomas	Oil on panel	47 x 31 in.	Gift of Michael Barglow and Laurie Baumgarten on behalf of the Michael, Raymond, and Peter Barglow families, in memory of their parents, Hildegard and David Barglow
EL.2.12	Amanda (Meadow Breeze)	McGinley, Ryan	Chromogenic print	48 x 72 in.	
Collection Storage, 13B					
1969.28.3	Burraquena (Pintiquinestras, Serie De Las Gigantas Amorosas)	Saura, Antonio	lithograph		Gift of Mr. and Mrs. Anton Marguleas
1995.18	Saint Spill	Wiley, William T.	acrylic on canvas	76-1/2 x 100 in.	Gift of Natalie and Irving Forman in honor of Dr. Lisa Forman, Class of 1974
EL.1.07.1	Imperial portrait thangka of the Fifth Dalai Lama		embroidered silk	49-3/4 x 22-3/8 in.	On long-term loan from a private collection
Packing list completed. 8 objects, 3 locations, 3 including crates					
check server	Nov 21 2014 10:22:15	elapsed time:	0.31 seconds	powered by	collectionspace webapps

Remarks

- Empty Locations are included in the output
- If there are Crates containing objects in the Locations, these are shown in the header.

Foibles and Caveats

The webapps have a number of foibles you should know about:

- Term matching for authority fields, e.g. Field Collection Place or Ethnographic Group may include terms from other vocabularies and non-preferred terms (however, deleted terms no longer show up.) In fact, the selection algorithm is a bit complicated.
- Term matching for museum numbers is on the literal value of the object number, but the range is calculated on the basis of the museum number sort field (which you cannot see, except when viewing the catalog record).
- For locations, however, both matching and ranges are based on the literal value (Locations do not have a sort field, they sort “as themselves”).
- You do not have to enter an End Location. If you don’t the app will use the Start Location and fill it in for you.
- Most of the webapps have a limit of 500 locations in a range, and 500 objects in a location. The Packing List is the exception: it will try to render the whole museum if you ask it. This value, incidentally, is based solely on the limitations of the “average web browser”.