



# **CUSTOMIZING THE DIGITAL OBJECT MANAGER PLUG-IN**

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# CREDIT WHERE CREDIT IS DUE

- Kevin Clair, Archives Processing and Metadata Librarian at Denver University
  - Developed and supported DOM plug-in
  - Always willing to answer questions
- Henry Steele, Assistant Systems Librarian at Tufts University
  - Supports DCA's ASpace implementation
  - Customized DOM plug-in to meet local needs





# DIGITAL OBJECT MANAGER PLUG-IN

What is it good for and where can I get it?

Batch processing and exporting of item and digital object metadata in ArchivesSpace

22 commits 1 branch 0 releases 2 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

dupeccoll Update README.md		Latest commit 48b8e0c on Feb 21
backend	don't export digitalOrigin if none exists in AS	a year ago
frontend	add new v2.* toolbar options	6 months ago
README.md	Update README.md	2 months ago
config.yml	renamed the plugin	3 years ago

README.md

# Digital Object Manager

We don't maintain this plugin anymore. The functionality formerly associated with it can now be found in the [ao\\_mods](#) (for exporting MODS representations of Archival Objects) and [item\\_linker](#) (for linking Archival Objects to Digital Object records for their surrogates) plugins.

If you have questions about this plugin, they may be directed to [kevin.clair \[at\] du.edu](mailto:kevin.clair@du.edu).

Available at: [https://github.com/dupeccoll/digital\\_object\\_manager](https://github.com/dupeccoll/digital_object_manager)



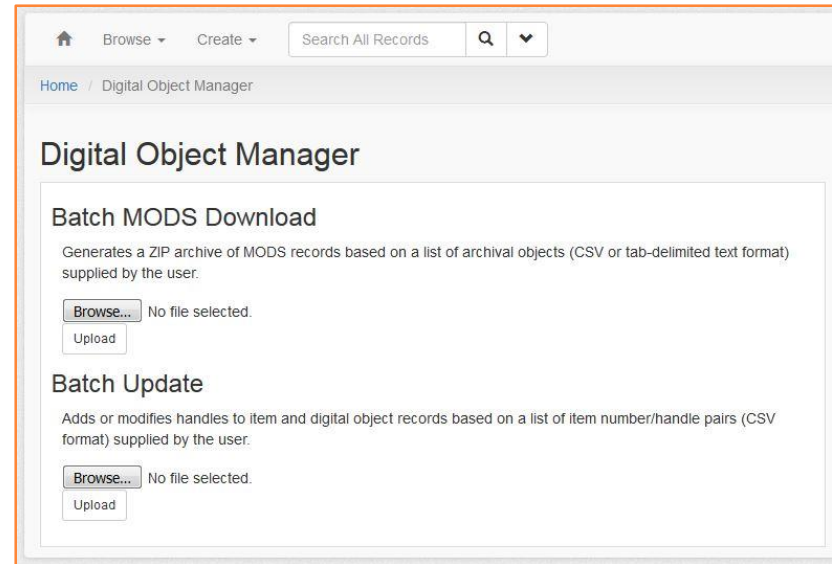
# ORIGINAL FUNCTIONALITY

## ○ Batch MODS Download

- Input: csv of AO CUIs
- Output: Zip file of xml MODS records for each associated DO

## ○ Batch Update

- Input: csv of DO CUIs and new handle
- Output: Adds handle and title to external documents section on the AO



The screenshot displays the Digital Object Manager (DOM) interface. At the top, there is a navigation bar with a home icon, 'Browse' and 'Create' dropdown menus, and a search bar labeled 'Search All Records' with a magnifying glass icon and a dropdown arrow. Below the navigation bar, the breadcrumb 'Home / Digital Object Manager' is visible. The main content area is titled 'Digital Object Manager' and contains two sections: 'Batch MODS Download' and 'Batch Update'. The 'Batch MODS Download' section includes a description: 'Generates a ZIP archive of MODS records based on a list of archival objects (CSV or tab-delimited text format) supplied by the user.' It features a 'Browse...' button, the text 'No file selected.', and an 'Upload' button. The 'Batch Update' section includes a description: 'Adds or modifies handles to item and digital object records based on a list of item number/handle pairs (CSV format) supplied by the user.' It also features a 'Browse...' button, the text 'No file selected.', and an 'Upload' button.





## DCA'S USE CASE

**Hint: Lots of DOs to update after migration to ASpace**

# USE CASE EXPLORED

## ○ Primary:

- Batch update/create handles in DO File Versions section

File URI    example://no-url-available

Placeholder URI used for migration

## ○ Blue Sky:

- Batch update/create other fields on the DO record
- Batch create DO records where AOs already existed



# CUSTOMIZATIONS

- Adding metadata fields to Batch Update functionality
- Ability to batch create new DOs
- Metadata fields:
  - Title, pid, handle, location, do\_publish, restrictions, fv\_publish, checksum, checksum method
  - If all fields have values – DOM will create DO
  - If less than 9 – DOM will update





# CURRENT USAGE

- Digitization

- When AOs already exist and we want to batch create DOs

- B-D

- EAD import to create AOs and DOs, but not all DO metadata can be imported via EAD
  - Update records using DOM



# SAMPLE WORKFLOW

Template:

	A	B	C	D	E	F	G	H	I
1	title	pid	handle	location	do_publish	restrictions	fv_publish	checksum	checksum method
2									
3									

CSV for import:

	A	B	C	D	E	F	G
1		tufts:MS138.001.002.00075	<a href="http://hdl.handle.net/10427/005066">http://hdl.handle.net/10427/005066</a>				
2		tufts:ddennett-1995.00003	<a href="http://hdl.handle.net/10427/57608">http://hdl.handle.net/10427/57608</a>				
3							
4							



# WORKFLOW, CONTINUED

The screenshot displays the ArchivesSpace web interface. At the top, the ArchivesSpace logo is visible, along with navigation options like 'Select Repository' and 'System'. Below the header, there's a search bar and a breadcrumb trail: 'Home / Resources / Daniel C. Dennett Papers'. A list of records follows, with 'The Path Not Taken, 1995' highlighted. Below the list, a sidebar on the left contains a menu with options like 'Basic Information', 'Dates', 'Agent Links', 'Notes', 'Instances', and 'Assessments'. The main content area shows the details for 'The Path Not Taken, 1995', including an 'Edit' button and action buttons like 'Add Event', 'Export MODS', 'More', 'Suppress', and 'Delete'. The 'Basic Information' section lists fields such as Title, Ref ID, Component Unique Identifier, Level of Description, Language, and Publish?.

**ArchivesSpace**  
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Select Repository ▾ System ▾ mpeach01 ▾

Home / Resources / Daniel C. Dennett Papers

▶ Darwin's Dangerous Idea (excerpted from the book), 1995 -- 1996	File		
Our Vegetative Soul: The Search for a Reliable Model of the Human Se...	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
▶ Interview with Daniel C. Dennett, 1995 -- 1997	File		
Interview with Daniel C. Dennett, 1995	Item	Text	Box: data_value_missing_e930398f4741c0594...
La percezione è il 'bordo d'attacco' della memoria? [Italian translation of...	Item	Text	Box: data_value_missing_e930398f4741c0594...
<b>The Path Not Taken, 1995</b>	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
The Self and Its Consciousness: An Interview with Daniel C. Dennett, 1...	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
Reply to Letters to the Editor, 1995	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
Consciousness Revisted: An Interview with Daniel C. Dennett, 1995	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
Foreword to The Subtlety of Sameness: A Theory and Computer Model...	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...
Animal Consciousness: What Matters and Why, 1995	Item	Text, Digital Object	Box: data_value_missing_e930398f4741c0594...

Basic Information

Edit Add Event ▾ Export MODS More ▾ Suppress Delete

## The Path Not Taken, 1995 Archival Object

### Basic Information

Title	The Path Not Taken
Ref ID	a3ae4e6c0f2379b6e106d8af3587d715
Component Unique Identifier	MS138.001.002.00086
Level of Description	Item
Language	English
Publish?	True





# QUESTIONS?

[margaret.peachy@tufts.edu](mailto:margaret.peachy@tufts.edu)

[henry.steele@tufts.edu](mailto:henry.steele@tufts.edu)

# GETTING IT TO WORK: JIRA TICKET EXCHANGE

The screenshot shows a Jira issue page for 'ArchivesSpace / ASPACE-28'. The issue title is 'Add plug in for batch export of digital objects and batch updating of handles to dev'. The status is 'DONE'. The priority is 'Major'. The description includes a link to a GitHub repository: [https://github.com/duspeccoll/digital\\_object\\_manager](https://github.com/duspeccoll/digital_object_manager). The attachments section shows three files: 'activity\_log\_MS046.txt' (0.6 kB), 'activity\_log\_possible\_succe...' (0.3 kB), and 'activity\_log.txt' (2 kB). The right sidebar shows the assignee as Henry Steele, the reporter as Margaret Peachy, and the creation and resolution dates.

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## Add plug in for batch export of digital objects and batch updating of handles to dev

**Details**

Type: **New Feature** Status: **DONE**  
Priority: **Major** Resolution: **Done**  
Labels: **None**

**Description**

[https://github.com/duspeccoll/digital\\_object\\_manager](https://github.com/duspeccoll/digital_object_manager)

**Attachments**

Drop files to attach, or browse.

Attachment Name	Created	Size
activity_log_MS046.txt	27/Mar/17 2:12 PM	0.6 kB
activity_log_possible_succe...	10/Jan/17 1:43 PM	0.3 kB
activity_log.txt	09/Jan/17 4:29 PM	2 kB

**People**

Assignee: **Henry Steele**  
Reporter: **Margaret Peachy**  
Watchers: **3** Stop watching this issue

**Dates**

Created: 11/Oct/16 10:23 AM  
Updated: 21/Apr/17 10:49 AM  
Resolved: 21/Apr/17 10:49 AM

**Agile**

View on Board

