

## Converting the DLG's API Response to a CSV to Import into Omeka Classic: The Overview of the Pipeline

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The [Digital Library of Georgia](#) collects artifacts from photos to speeches to documents and ephemera from collections and archives around the state. To use these items, DLG provides an API interface that allows users to reuse the artifacts. What follows are directions to take your search results from DLG, export the items you need from their API, translate the API call to a CSV (a spreadsheet saved as a Comma Separated Value file rather than an xls), import the CSV to [Omeka](#), and create a digital exhibit on Omeka using the artifacts housed on the DLG.

### Using DLG's API <https://dlg.usg.edu/about/api>

An API stands for Application Program Interface. It's a way that the developer recognizes the users want data and they allow you to make a request for it. They want you to have access so you can take their work and add yours on top. For this pipeline, the only interaction you really need with the API is to find the item(s) you want. Just use the DLG's website to find what you want and grab that URL. If there is a search result that you'd rather grab than an individual item, the pipeline can handle that.

### Using the Script to Get the CSV

The script ``dlg_json2csv.py`` has the ability to take the URL(s) that you provide and using their API to create a CSV. The script can handle a list of URLs or a single one. If you have **multiple URLs** then you will need to have a txt file that contains a URL on each line of the file. Then the script will get the metadata and the URL to the item you are wanting to pull. Some of the items are not available via the API because of ownership and copyright. This means that the link to the actual item is not available, but a thumbnail is. So, when the item is not present in the API's response, then I replace it with the link to the Thumbnail of that image. The metadata should be publicly available. This is just something to note because you may come across this problem where the item is a thumbnail or only one page of a pdf. Please refer to the README file for a more technical description of the script and how to use it.

It is also important to note that the DLG doesn't provide the URL to the video alone, but the video that is embedded in another small webpage. Omeka is picky and will not import webpages as items, just the item itself. Thus, this script **will not work for video files**.

You're almost there!

## Using the CSV Import in Omeka Classic

Omeka Classic has a plugin called [CSV Import](#) that allows you to feed in a csv and it will make each row of the CSV into its own item in Omeka. The script `dlg\_json2csv.py` will allow you to take the data from DLG and put it onto your Omeka site just by putting that data into the CSV format. All you have to do is import the csvCSV into Omeka.

Once you have the CSV from the script, you are now ready to import it into Omeka. Below is a screen shot of the opening page of the CSV Import. There are 3 fields you need to touch:

1. Upload the CSV File
2. The Item Type should be set to dataset
3. Select the Collection you want these items to belong to.

The remaining settings are good as default. The delimiters should all be commas. It is up to you about the public or feature options.

**Step 1: Select File and Item Settings**

Upload CSV File\* Maximum file size is 2 MB.  
Choose File batchuploader.csv **1**

Use an export from Omeka CSV Report  
☐ Selecting this will override the options below.

Automap Column Names to Elements  
Automatically maps columns to elements based on their column names. The column name must be in the form: {ElementSetName}:{ElementName}  
☒

Select Item Type  
Dataset **2**

Select Collection  
Caleb\_Test **3**

Make All Items Public? ☐

Feature All Items? ☐

Choose Column Delimiter\*  
A single character that will be used to separate columns in the file (comma by default). Note that spaces, tabs, and other whitespace are not accepted.  
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Choose Tag Delimiter\*  
A single character that will be used to separate tags within a cell (comma by default). Note that spaces, tabs, and other whitespace are not accepted.  
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Choose File Delimiter  
A single character that will be used to separate file paths or URLs within a cell (comma by default). If the delimiter is empty, then the whole text will be used as the file path or URL. Note that spaces, tabs, and other whitespace are not accepted.  
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Choose Element Delimiter  
A single character that will be used to separate metadata elements within a cell (empty by default). If the delimiter is empty, then the whole text will be used as the element text. Note that spaces, tabs, and other whitespace are not accepted.  
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It is important to add that all the items imported in a single CSV will be added to a single collection. There needs to be a separate CSV file for each of the items for the different collections.

	A	B
1	DLG Metadata Fields	Omeka Metadata Fields
2	dlg_local_right	Access Rights
3	dcterms_bibliographic_citation	Bibliographic Citation
4	dcterms_contributor	Contributor
5	dcterms_spatial	Spatial Coverage
6	dcterms_creator	Creator
7	dc_date	Date
8	dcterms_description	Description
9	dcterms_extent	Extent
10	edm_is_shown_by	File
11	dc_format	Format
12	dcterms_identifier	Identifier
13	edm_is_shown_at	Is Referenced By
14	dcterms_language	Language
15	DLGadmin	Omeka
16	dcterms_publisher	Publisher
17	dcterms_is_part_of	Relation
18	dc_right	Rights
19	dcterms_rights_holder	Rights Holder
20	dcterms_provenance	Source
21	dcterms_subject	Subject
22	dlg_subject_personal	Subject Personal
23	dcterms_title	Title
24	dcterms_type	Type
25	dcterms_temporal	Temporal Coverage