

# mdEditorFileInjector Readme

**Author:** Matt Heller, Great Northern Landscape Conservation Cooperative/U.S. Fish and Wildlife Service

**Date:** 11/28/2017

**Purpose:** to perform bulk edits to mdEditor files by injecting mdJSON content. mdEditor files are files exported from the mdEditor web application ([mdeditor.org](http://mdeditor.org)). More information on mdJSON can be found at <https://github.com/adiwg/mdJson-schemas>.

**System Requirements:** Python.exe (tested with Python 2.7)

**Setup:** Copy the file GNLCC\_mdEditorFileInject.py to a location where python.exe can access it, along with mdEditor files. Verify Python is installed.

## Arguments:

-C

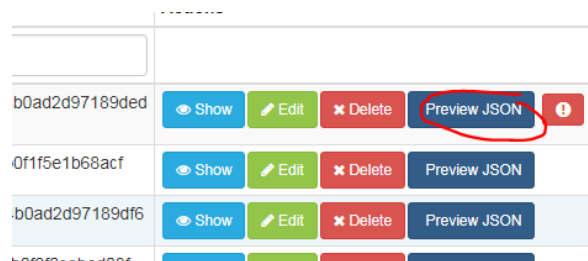
(Example -C C:\GNLCCmdEditorInject\Demo)

Folder/Directory path to the location of the mdEditor files (with .json extension). Do not include files that have the .json extension that should not be processed. An output folder/directory (mdEditorfiles #date/time#) will be created in this provided folder/directory path and all output files will be placed in this new folder/directory.

-D

(Example -D "metadata/resourceInfo/pointOfContact")

JSON location where to inject the mdJSON. mdEditor files contain one or many items and some of the items house mdJSON. JSON locations more than one level should be delimited (separated) by a "|" character. This argument is not needed for injecting contacts mdJSON. To determine the JSON location, use the JSON preview in the list view of the mdEditor web application ([mdeditor.org](http://mdeditor.org)).



b0ad2d97189ded	Show	Edit	Delete	Preview JSON	!
0f1f5e1b68acf	Show	Edit	Delete	Preview JSON	
b0ad2d97189df6	Show	Edit	Delete	Preview JSON	
h0f0f0c0d0f0f	Show	Edit	Delete	Preview JSON	

-F

(Example -F -F C:\GNLCCmdEditorInject\inject\_Contact\_SRLCC.txt)

Full file path of a text file containing mdJSON to inject. All valid mdJSON content that goes into a mdJSON array, corresponding with the JSON location (argument -D) or a contact identification number, is designed to work.

Tips for creating the mdJSON injector content file:

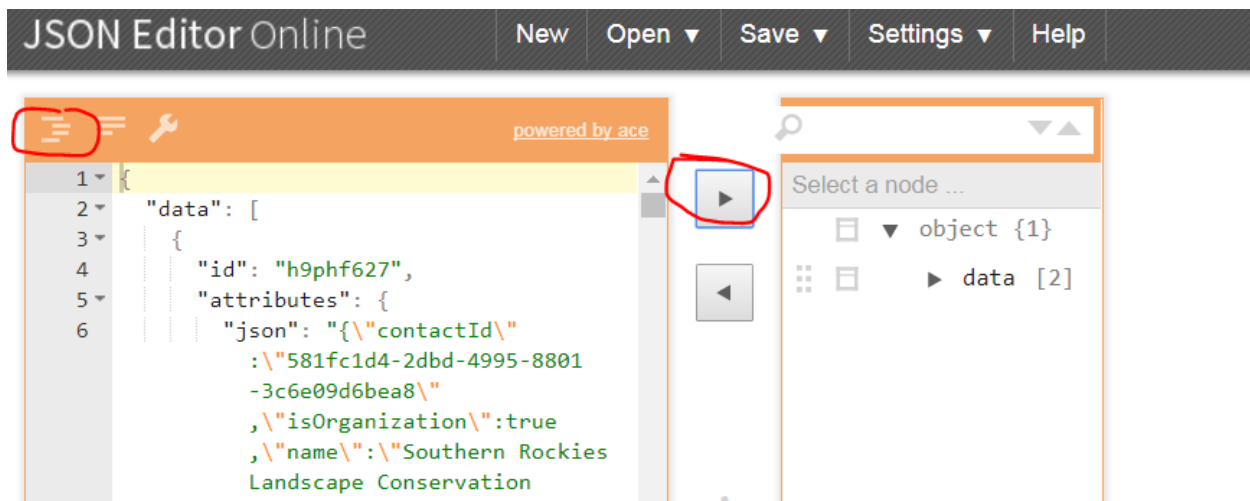
When creating the non-Contacts injector files, copy/paste content in the preview of the mdEditor web application ([mdeditor.org](http://mdeditor.org)) and remove extraneous “-” dashes that start some lines. When copying content, copy the content within the brackets but include the curly braces. Content within the brackets represent items within an array. Refrain from copying more than one item at a time. Arrays within an time are fine to include. See the attached injector files as examples for use or comparison.

b0ad2d97189ded	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Preview JSON</a> <a href="#">!</a>
0f1f5e1b68acf	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Preview JSON</a>
b0ad2d97189df6	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Preview JSON</a>
b0ad2d97189df6	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Preview JSON</a>

```
- citation: {
  - date: [
    - {
      date: "2013-01-14T21:47:36+00:00",
      dateType: "creation"
    },
    - {
      date: "2017-07-05T17:50:43+00:00",
      dateType: "lastUpdate"
    }
  ],
  - responsibleParty: [
    - {
      - party: [
        - {
          contactId: "91c9fffc-52ca-4350-97d4-3332a30c87d5"
        },
        ],
      role: "administrator"
    },
    - {
      - party: [
        - {

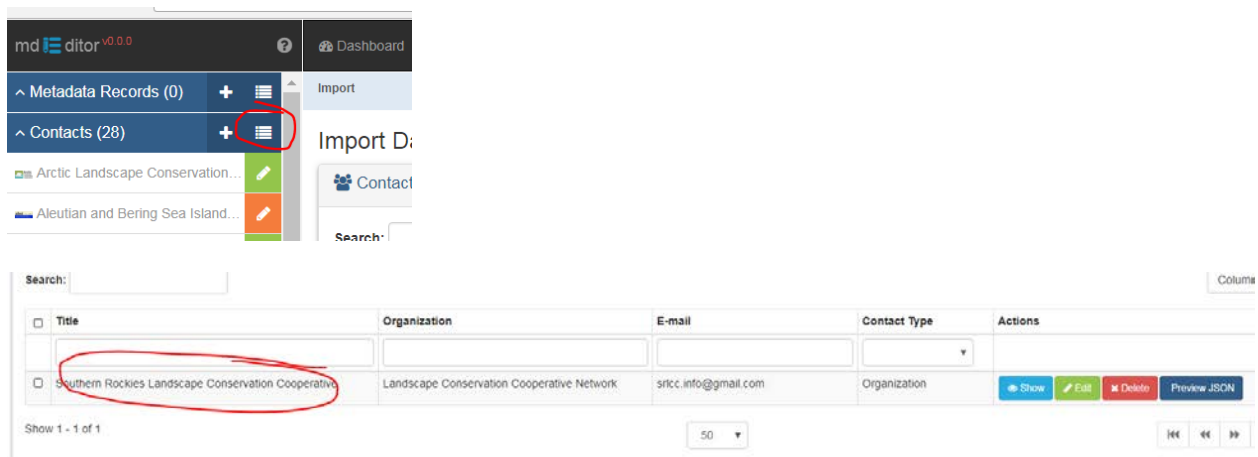
```

Basic JSON formatting can be verified with <http://jsoneditoronline.org/>. Click the format button and the right arrow button to verify and aid perusing of JSON.

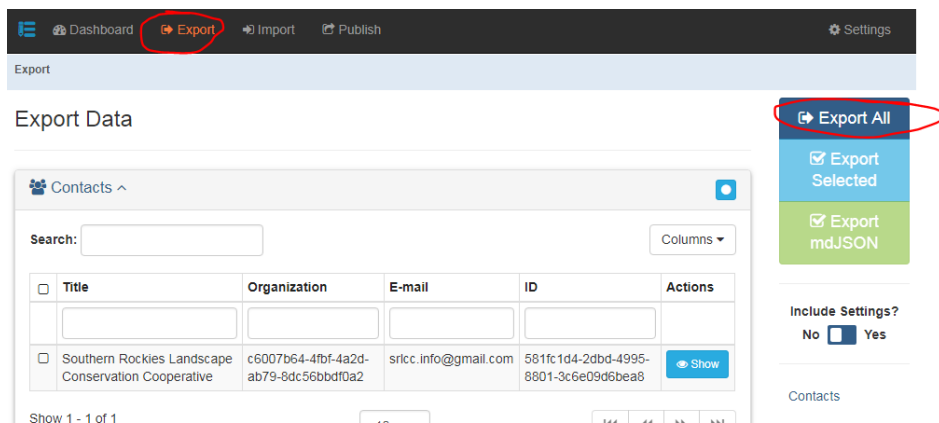


For creating the Contacts injector files, Contacts can be manually created using the mdEditor web application ([mdeditor.org](http://mdeditor.org)) or loading existing mdEditor files with contacts (i.e. the LCC contact seed file <https://drive.google.com/open?id=0B37ma8FpyQLpdKVGmVFKT285WkE>)

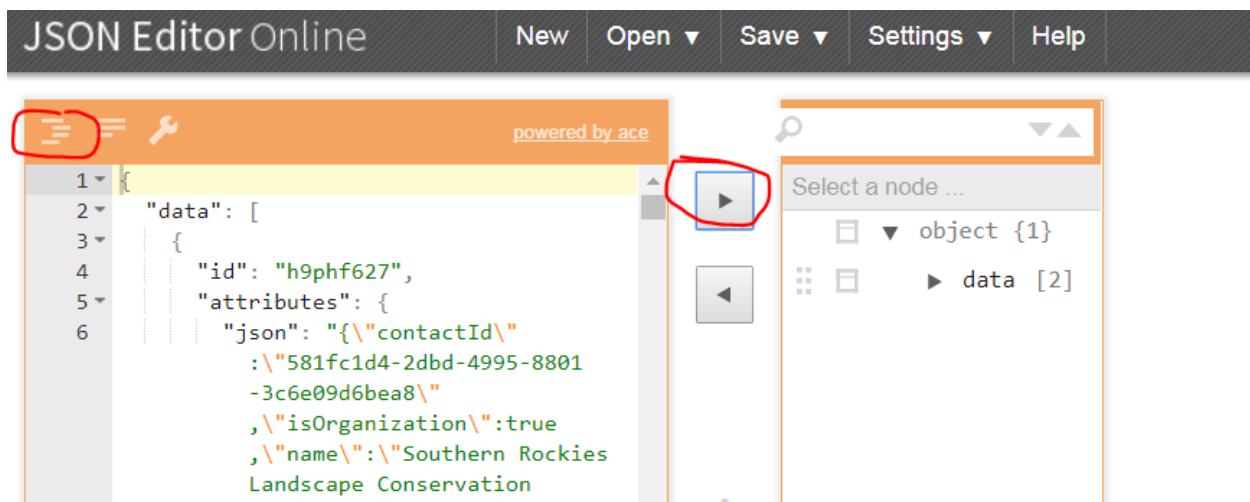
Refine the number of contacts by clicking the Contacts list view button → delete all contacts except the one you want to work with.



Export to mdEditor file → open the exported file with a text editor or open with <http://jsoneditoronline.org/>

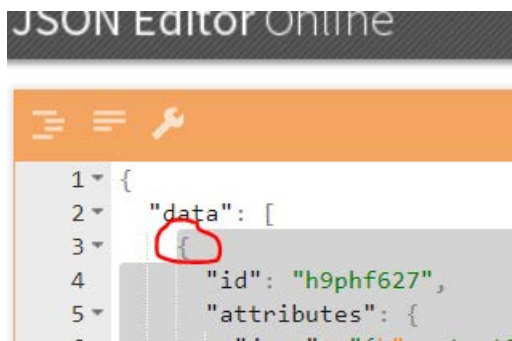


In not in <http://jsoneditoronline.org/>, copy/paste the mdEditor text into a fresh <http://jsoneditoronline.org/> session → click the Format JSON... button → click the right arrow



Copy the text from the curly brace under the data: key To the 2<sup>nd</sup> curly brace past export: true and paste into a new text file and save.

Note: MS Wordpad seems to hold indenting and breaklines better than MS Notepad



```

16  "meta": {
17      "title": "Southern Rock
18      "icon": "users",
19      "export": true
20  }
21  }

```

-T

(Example -T True)

Indicates whether injecting contact mdJSON or not. If the argument is True, the script will treat as a contact. If the argument is False, the script will not treat as a contact.

*MS Dos Prompt Example Usage*

```

C:\windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\mheller>C:\Python27\ArcGISx6410.3\python.exe C:\Apps_Programming\mdEditorFileInjector_v1.py -C C:\Apps_Programming\Demo -F C:\Apps_Programming\inject_Contact_SRLCC.txt -T True

```

## Files:

mdEditorFileInjector\_v1.py: Python script mdEditor inject script.

args\_examples.txt: MS Dos prompt command line usage examples

inject\_Contact\_LCCNetwork.txt: Contacts injector file example

inject\_Contact\_LCCNetworkDataSteward.txt: Contacts injector file example

inject\_Contact\_SRLCC.txt: Contacts injector file example

inject\_LCCMetadataContact.txt: Metadata contact element injector file example

inject\_LCCResponsibleParty.txt: Responsible party element injector file example

inject\_POC\_LCC.txt: Point of Contact injector file example

inject\_POC\_LCCDataSteward.txt: Point of Contact injector file example

inject\_RepoSCLcatalog.txt: Repository injector file example

Readme\_with\_Screenshots\_v1.pdf: Help Document