

Working with IIF Manifests in Archipelago



Annual Conference - June 2022



Metropolitan New York Library Council

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<https://tinyurl.com/WorkingIIFArchipelago>

Archipelago

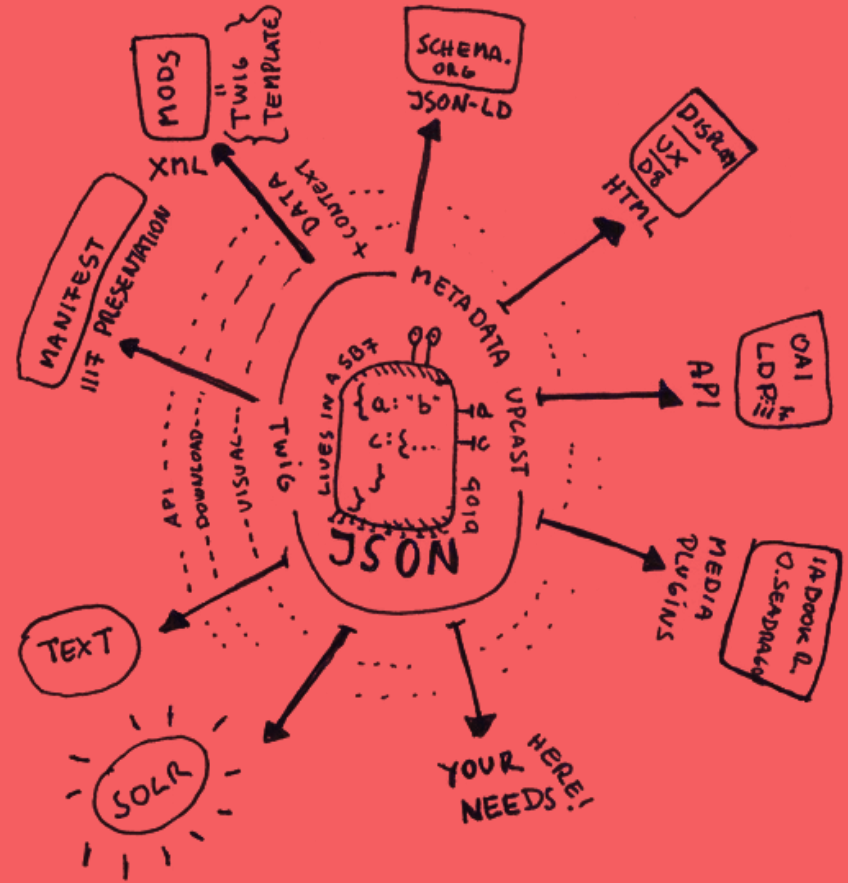
- An open source repository software
- Development home at the Metropolitan New York Library Council ([METRO](#))

- Slim, smart open source repository software built on top of Drupal [8/9](#)
- Curated list of well maintained Community Drupal Modules
- Custom Drupal Modules
 - **Strawberry Field modules**
- More information at:
 - <https://github.com/esmero>
 - <https://docs.archipelago.nyc/1.0.0-RC3/strawberryfields/>



Archipelago and IIF

- All data stored in JSON
- Casting/upcasting/recasting for metadata schemas and displays
- IIF APIs and IIF compliant viewers



Editing a IIIF Manifest Template at <https://studio.archiplago.nyc>

{ Archipelago Commons 1.0.0-RC3 } | Browse Digital Objects | Extracted Text Discovery ▾ | Support | Add feed | Sou

Present Tense

My account | Log out

Metadata Display List

Content | AMI Sets | Comments | **Metadata Display** | Media Files | Media

Add Metadata Display

Strawberry Field Formatter Module implements a Metadata Display Entity. You can manage the fields on the [Metadata Display admin page](#).

Metadata Display ID	Name	Last update	Operations
1	Object Description	08/03/2022	Edit ▾
2	Linked Data	03/11/2021	Edit ▾
3	IIIF Presentation API 3.0 Manifest	06/05/2022	Edit ▾
4	MODS 3.7	01/06/2021	Edit ▾

Edit Metadata Display

View **Edit** Delete Manage display Devel

Language
- Not specified -

► Preview

Name *

The name of the Metadata Display entity.

User Name

The Name of the associated user.

Twig template *

B *I* U ~~S~~

```
1 {# This Template generates IIIF 3.0 DRAFT Presentation API Manifest f
2 JSON.
3
4 Updated: 08/11/2021
5 Changes: Better Labeling for Items
6
7 Structures passed from Archipelago are
8 - node
9 The full Node entity
10 - data
```

Twig Template that generates a IIIF Manifest

Archipelago Metadata Display Preview: Side by side Template and Output

Entity type

- Archipelago Digital Objects
- AMI Sets

The Entity Type you want to preview.

ADO to preview

"Final plan for the development of the New York Zoological Park as presented by the New York Zoological Society, in 1897 (6)"

The ADO used to preview the data.

Show preview

Show Preview using native Output Format (e.g HTML)

Name *

IIIF Presentation API 3.0 Manifest

The name of the Metadata Display entity.

User Name

jsonapi (3)

The Name of the associated user.

Twig template *

B *I* U ~~S~~

```
1 {# This Template generates IIIF 3.0 DRAFT Presentation API Manifest from a Strawberry Field
2 JSON.
3
4 Updated: 08/11/2021
5 Changes: Better Labeling for Items
6
7 Structures passed from Archipelago are
8 - node
9 The full Node entity
10 - data
11
12
13
```

IIIF Pres. 3.0 Manifest Twig Template

Preview

▶ JSON Data

```
{
  "@context": [
    "http://www.w3.org/ns/anno.jsonld",
    "http://iiif.io/api/presentation/3/context.json"
  ],
  "type": "Manifest",
  "id": "https://studio.archipelago.nyc/metadatadisplay/3/edit",
  "label": {
    "en": [
      "Final plan for the development of the New York Zoological Park as presented by the New
    ]
  },
  "requiredStatement": {
    "label": { "en": [ "Attribution" ] },
    "value": { "en": [ "Provided by Archipelago Deployment" ] }
  },
  "metadata": [
    {
      "label": {
        "en": [
          "description"
        ]
      },
      "value": {
        "en": [
          "Digitized by Wildlife Conservation Society Archives Language, Map in Scale 1:3,600"
        ]
      }
    }
  ],
  "label": {
    "en": [
      "navDate"
    ]
  }
}
```

JSON Data for your ADO (Closed by Default)
Rendered Output from Template

Original Template

```
62     value
63   },
64   "metadata": [
65     {% for agent in attribute(data, 'edm_agent') %}
66     {
67       "label": {
68         "{{ len }}": [
69           {{ agent.role_label|json_encode|raw }}
70         ]
71       },
72       "value": {
73         "{{ len }}": [
74           {{ agent.name_label|json_encode|raw }}
75         ]
76       }
77     },
78     {% endfor %}
79   ]

```

JSON Data

```
"publisher": "New York Zoological Society",
"ismemberof": "1",
"issue_info": [],
"creator_lod": [
  {
    "name_uri": "http://id.loc.gov/vocabulary/organizations/nnz",
    "role_uri": "http://id.loc.gov/vocabulary/relators/cre",
    "agent_type": "corporate",
    "name_label": "New York Zoological Society",
    "role_label": "Creator"
  },
  {
    "name_uri": "http://id.loc.gov/authorities/names/n50076294",
    "role_uri": "http://id.loc.gov/vocabulary/relators/cre",
    "agent_type": "corporate",
    "name_label": "New York Zoological Park",
    "role_label": "Creator"
  }
],
"description": "Digitized by Wildlife Conservation Society Archives Language",
"interviewee": [],

```

1. We want to change the metadata source JSON key from 'edm_agent' (Wikidata Agents)

Revised Template

```
63   },
64   "metadata": [
65     {% for agent in attribute(data, 'creator_lod') %}
66     {
67       "label": {
68         "{{ len }}": [
69           {{ agent.role_label|json_encode|raw }}
70         ]
71       },

```

2. To the 'creator_lod' JSON key (Library of Congress)





Thank you!

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Director at METRO

More Information at:

<https://docs.archipelago.nyc>

Guide to deploying your very own Archipelago at:

<https://github.com/esmero/archipelago-deployment>

Learn more about METRO at:

<https://metro.org>
