Enabling OAI & Mapping Fields in Omeka

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Overview

Mapping metadata fields to comply with the Alliance Dublin Core Best Practices Guidelines (DCBPG) will help to create consistently structured records in our aggregated environment. This documentation explains how to enable OAI in Omeka, how to review your OAI output.

Enable OAI

To configure your OAI settings, first enable OAI in Omeka by installing and configuring Omeka's OAI-PMH Repository plugin (for Omeka 2.x). Refer to Omeka's Installing Plugins and Themes screencast and written documentation for step-by-step instructions about installing Omeka plugins.

Please note that the harvester conforms to the oai_dc schema as recommended by the OAI-PMH 2.0 specification.

While Omeka's OAI-PMH Repository plugin outputs several formats (oai_dc, mods, mets, rdf, etc.), the oai_dc format should be used for Alliance-harvested metadata. Using this format the 15 Simple Dublin Core elements will be enabled for OAI harvest. "Item Type Metadata" elements and Qualified Dublin Core elements, created by Omeka's Dublin Core Extended plugin, will not be enabled for OAI harvest.

Review your OAI output

Review a set's metadata with the [Dublin Core Mapping Checker](.)

Provide a valid OAI-PMH base URL, then choose a set to get a table of Simple Dublin Core fields, arranged in columns. "Required" fields are listed first, followed by the "Recommended" and "Optional" fields. The table's columns list all record values for a given field, rather than ordering the content in record-specific rows. The intention is to display the data mapped to each field, to catch mapping errors, and to identify data for cleanup in the local repository.

Review your current field mapping for a collection

To view a collection's field mapping, look at the set's OAI output in a web browser. Use the pattern below to form an OAI request. In your request, set the metadataPrefix to oai_dc, as this is how the Alliance harvester will harvest your data.

http://[Site Url]/oai-pmh-repository/request?verb=ListRecords&metadataPrefix=oai_dc &set=[Collection Id Number here]

You will see output like the record below. Your output will list records for the specified collection/set. To understand how your fields are mapped, compare your OAI output to the collection's item records in your Omeka dashboard (Omeka item record follows the record's OAI output below).

```xml
▼<record>
  ▼<header>
     <identifier>oai:anneliesedehner.com:182</identifier>
     <datestamp>2016-05-26T09:41:49Z</datestamp>
   </header>
  ▼<metadata>
     ▼<oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/"
       xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
       instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/
       http://www.openarchives.org/OAI/2.0/oai_dc.xsd">
       ▼<dc:title>
           Jane Addams to Sarah Anderson Ainsworth, May 6, 1901
         </dc:title>
         <dc:creator>Addams, Jane</dc:creator>
         <dc:subject>Addams, Jane, and Hull-House</dc:subject>
         <dc:subject>Hull-House, buildings</dc:subject>
         <dc:subject>Addams, Jane, travels</dc:subject>
       ▼<dc:description>
           Addams remarks that she came back directly from New Orleans to push the building schemes
           at Hull-House.
         </dc:description>
         <dc:contributor>Hajo, Cathy Moran</dc:contributor>
         <dc:date>1901-05-06</dc:date>
         <dc:type>letter</dc:type>
         <dc:format>JPEG</dc:format>
         <dc:identifier>JAPM-04-0097</dc:identifier>
       ▼<dc:identifier>
           http://anneliesedehner.com/janeaddams/items/show/182
         </dc:identifier>
       ▼<dc:identifier>
           http://anneliesedehner.com/janeaddams/files/original/2fbcb7985e7a6206fdca8749128dae0d.jpg
         </dc:identifier>
         <dc:language>English</dc:language>
         <dc:rights>Public domain</dc:rights>
       </oai_dc:dc>
     </metadata>
   </record>
```

Edit Item #182: "Jane Addams to Sarah ...

Dublin Core Item Type Metadata Monitor Files Zoom Tags Map Item Relations

Dublin Core

The Dublin Core metadata element set is common to all Omeka records, including items, files, and collections. For more information see, http://dublincore.org/documents/dces/.

Save Changes

View Public Page

Delete

Public: ☑ Featured: ☐

Collection

JAC-IRoC - Jane Addams Colle ⬍

Title

Add Input

A name given to the resource

For docs: Jane Addams to Sarah Alice Addams Haldeman, January 3, 1901
For people: Haldeman, Sarah Alice Addams (1853-1915)

> Jane Addams to Sarah Anderson Ainsworth, May 6, 1901

Use HTML ☐

Creator

Add Input

An entity primarily responsible for making the resource

For docs: enter as Last name, First name, Middle names

> Addams, Jane

Use HTML ☐

Date

Add Input

A point or period of time associated with an event in the lifecycle of the resource

Enter as YYYY-MM-DD

> 1901-05-06

Use HTML ☐

Description

Add Input

An account of the resource

Write a one or two sentence summary of the item.

> Addams remarks that she came back directly from New Orleans to push the building schemes at Hull-House.

When reviewing your item records and OAI output, please remember that the Alliance harvester will harvest the following 14 Simple Dublin Core fields:

Contributors	Format	Source
Coverage	Identifier	Subject
Creator	Language	Title
Date	Relation	Type
Description	Rights	