

Islandora Solr Metadata

Overview

The **Islandora Solr Metadata** module provides an interface to construct displays of Solr indexed metadata from one or more schemas on the Islandora objects.

Dependencies

This module requires the following modules/libraries:

- [Islandora](#)
- [Tuque](#)
- [Islandora Solr Search](#)

Downloads

[Release Notes and Downloads](#)

Code Repository

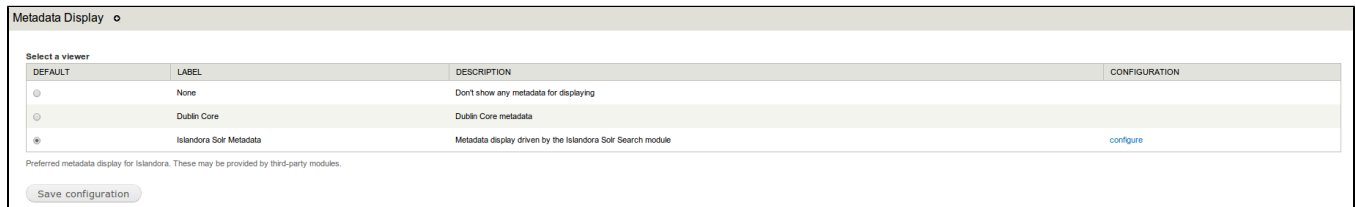
https://github.com/islandora/islandora_solr_metadata

Installation

Install as usual, [see this](#) for further information.

Configuration

To use Solr indexed metadata in the display, go to Administration > Islandora > Metadata Display (admin/islandora/metadata) and select "Islandora Solr Metadata" to be the default display viewer. Click **Save Configuration**.



The screenshot shows the 'Metadata Display' configuration page. It features a table with three columns: 'DEFAULT', 'LABEL', and 'DESCRIPTION'. There is also a 'CONFIGURATION' column. The table lists three options: 'None', 'Dublin Core', and 'Islandora Solr Metadata'. The 'Islandora Solr Metadata' option is selected with a radio button and has a 'configure' link in the 'CONFIGURATION' column. Below the table, there is a note: 'Preferred metadata display for Islandora. These may be provided by third-party modules.' and a 'Save configuration' button.

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
<input type="radio"/>	None	Don't show any metadata for displaying	
<input type="radio"/>	Dublin Core	Dublin Core metadata	
<input checked="" type="radio"/>	Islandora Solr Metadata	Metadata display driven by the Islandora Solr Search module	configure

Preferred metadata display for Islandora. These may be provided by third-party modules.

[Save configuration](#)

To set up a display, go to Administration > Islandora > Solr Index » Metadata Display (admin/islandora/search/islandora_solr/metadata).

Solr index Islandora 7 x-1.3 Sandbox My account Logout

[Home](#) » [Administration](#) » [Islandora](#) » [Solr index](#)

Field Configuration

General Configuration

NAME	ASSOCIATED CONTENT MODELS	MACHINE NAME
custom	No content models currently associated	custom_metadata

ADD A CONFIGURATION

Configuration name

Machine name

A unique machine name used in the exportation of features

[Add configuration](#)

Create a custom display

1. In the **Metadata Display** tab, select the **Field Configuration** tab.
2. Enter a configuration name (this will only be displayed to administrators.)
3. Create a machine name for this custom display (this can be the same as the configuration name).
4. Click **Add Configuration**.

Add metadata fields and labels to a custom display

1. After you have created a custom display, click the linked configuration name to add fields to that display.
2. Select the content models that will use this display.
3. Click on the new display to add fields.

custom display configuration Islandora 7 x-1.3 Sandbox

[Home](#) » [Administration](#) » [Islandora](#)

CONTENT MODELS

☐ CONTENT MODEL NAME

☐ islandora:sp_pdf

[Remove selected](#)

ADD CONTENT MODEL

Islandora Video Content Model (islandora:sp_videoCModel)

[Add](#)

4. Add fields to the display by entering [Solr field names](#) with type "string." As you type in the "Add Field" box, field names will be suggested from the index. Once a field is selected, click "Add". In order to edit the field, click **Save Configuration** at the bottom of the form.

DISPLAY FIELDS [Show row weights](#)

REMOVE	SOLR FIELD	DISPLAY LABEL	HYPERLINK
There are no entries available.			

ADD FIELD

mods_subject

mods_subject_cartographics_coordinates_ms (string)

mods_subject_cartographics_coordinates_mt (string)

mods_subject_geographic_ms (string)

mods_subject_geographic_mt (string)

5. After you add fields, you can create custom labels, choose whether to hyperlink the field values in the display, or apply truncation options by clicking the edit button next to the field. The edit button appears only after you click **Save Configuration** at the bottom of the form. By default, the

display label will be the Solr field name. A hyperlinked field value will launch a new Solr search for other records with that same value.

FIELD CONFIG

Display Label

A human-readable label to display alongside values found for this field.

☒ **Hyperlink?**
Should each value for this field be linked to a search to find objects with the value in this field?

6. Truncation can also be applied from the **edit** menu. Truncation can be applied to separate values or an entire field. You can specify the maximum field length (use 0 or less to disable truncation), and choose whether to attempt truncation on a word boundary and whether or not to append an ellipsis to the end of a field when it is begin truncated.

TRUNCATION

Truncation Type
☒ Limit length of each separate value
☐ Limit Length of the whole field

Max Length

The field contents will be truncated to be at most this length (in characters) for display. 0 or less to disable truncation. When truncating based on the whole field the max length may be exceeded by the length of ellispse string.

☐ **Word-safe**
Attempt to truncate on a word boundary. See truncate_utf8() for more info.

☐ **Ellipsis**
Append ellipses when truncating occurs.

7. The "Description" field that shows up directly under an object's viewing derivative is configured separately from the other display fields. Enter the field and an optional label in the Description settings.

DESCRIPTION
The field used for rendering the description beneath the object's content

A field from within Solr

A label for displaying

6. Click **Save Configuration**.

Content models with multiple metadata displays

A content model can have more than one metadata display configuration associated with it. In this case, all fields present in both configurations are displayed, and the order of fields is determined by Solr field weightings.

Notes

- To use Solr Metadata with Scholar's citation/thesis cModels, please enable the **Use Standard Metadata Display** option in Administration >> Islandora >> Solution pack configuration >> Scholar (/admin/islandora/solution_pack_config/scholar).

Scholar
Islandora-development
BASIC CONFIGURATION
DOI CONFIGURATION
PDF CONFIGURATION
My account
Log o

Home » Administration » Islandora » Solution pack configuration

▼ ROMEO CONFIGURATION

Various parameters used by RoMEO

☐ Enable RoMEO attempts.
Whether or not we should even try getting information from RoMEO.

Sherpa/RoMEO URL

The URL to which to make requests.

Sherpa/RoMEO API Key

Your institution's key to access RoMEO.

ISSN cache time

The amount of time in days for which to maintain an ISSN value obtained by scanning an object.

RoMEO cache time

The amount of time in days for which to maintain a copy of the markup for a given ISSN.

▼ GOOGLE SCHOLAR SEARCH CONFIGURATION

Various parameters used by Google Scholar Search

☐ Render Google Scholar Search link
Enable Searching in Google Scholar.

☐ Use Standard Metadata Display
Check to use standard Islandora metadata display instead of COinS.

Customization

The backbone of this module is to allow users to select fields indexed in their Solr as what drives metadata displays. This allows for the creation of heterogenous displays pulled from many sources from something that is already easily available.

The Islandora Solr Metadata module uses templates to fuel the markup displayed when it's the defined viewer for an object. As such these are overwritable to alter the display of the metadata as seen fit.

For a more indepth look at the metadata display framework and an example module implementation see the Islandora wiki page on [Metadata Display Viewers](#).

It's to be noted that you can have a content model associated with more than one configuration at a time. Similarly, on objects with two content models, two or more configurations could respond to display the markup for the object. These cases are handled by merging the displays based around the weight. Take for example the case where you have two responding configurations where the first configuration contains the a and c fields and the second the b and d fields. The metadata display output would then be in the following order: a, b, c, d. As such, it's at the discretion of the user, through the creation of configurations, to determine how they want their metadata to be displayed.