

Islandora Solr Metadata Display

Overview

The Islandora Solr metadata display module displays Solr indexed metadata from one or more schemas on the Islandora data object pages.

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." Click **Save Configuration**.

The screenshot shows the 'Metadata Display' configuration page. It has a title bar 'Metadata Display' with a dropdown arrow. Below it is a section 'Select a viewer' with a table. The table has four columns: 'DEFAULT', 'LABEL', 'DESCRIPTION', and 'CONFIGURATION'. There are three rows: 'None' (Don't show any metadata for displaying), 'Dublin Core metadata' (Dublin Core metadata), and 'Islandora Solr Metadata' (Metadata display driven by the Islandora Solr Search module) which is selected with a radio button. A 'configure' link is in the 'CONFIGURATION' column for the selected row. Below the table is a note: 'Preferred metadata display for Islandora. These may be provided by third-party modules.' At the bottom is 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).

The screenshot shows the 'Solr index' configuration page for 'Islandora 7.x-1.3 Sandbox'. The top navigation bar includes 'FACET PAGES', 'RSS SETTINGS', 'SOLR INDEX', 'SOLR SETTINGS', and 'METADATA DISPLAY'. The breadcrumb trail is 'Home » Administration » Islandora » Solr index'. On the left is a 'Field Configuration' sidebar with 'General Configuration' selected. The main content area has a table with columns 'NAME', 'ASSOCIATED CONTENT MODELS', and 'MACHINE NAME'. It contains one row: 'custom' (No content models currently associated) with machine name 'custom_metadata'. Below the table is an 'ADD A CONFIGURATION' section with fields for 'Configuration name' and 'Machine name' (with a note: 'A unique machine name used in the exportation of features') and an 'Add configuration' button.

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.

custom display configuration 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

3. 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.

DISPLAY FIELDS [Show row weights](#)

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

ADD FIELD

mods_subject

mods_subject

mods_subject_cartographics_coordinates_ms (string)

mods_subject_cartographics_coordinates_mt (string)

mods_subject_geographic_ms (string)

mods_subject_geographic_mt (string)

4. After you add fields, you can create custom labels and choose whether to hyperlink the field values in the display. A hyperlinked field value will launch a new Solr search for other records with that same value.

DISPLAY FIELDS [Show row weights](#)

REMOVE	SOLR FIELD	DISPLAY LABEL	HYPERLINK
+ <input type="checkbox"/>	mods_subject_topic_ms	Topics	<input checked="" type="checkbox"/>

Remove selected

ADD FIELD

mods_subject_topic_ms

A field from within Solr

Add

5. 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

mods_abstract_ms

A field from within Solr

Description

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.