

Collection Solution Pack

Overview

The Islandora Collection Solution Pack implements a the collection content model as an Islandora object, allowing users to create and manage collections and their contents.

NOTE! This module is required for Islandora to work as expected.

 Without the Islandora Collection Solution Pack, end-users will not be able to create new collections.

Dependencies

- [Islandora Core Module](#)
- [Tuque](#)

NOTE: The collection solution pack requires that the [resource index](#) is enabled in Fedora, as it does all of its queries using the resource index.

Downloads

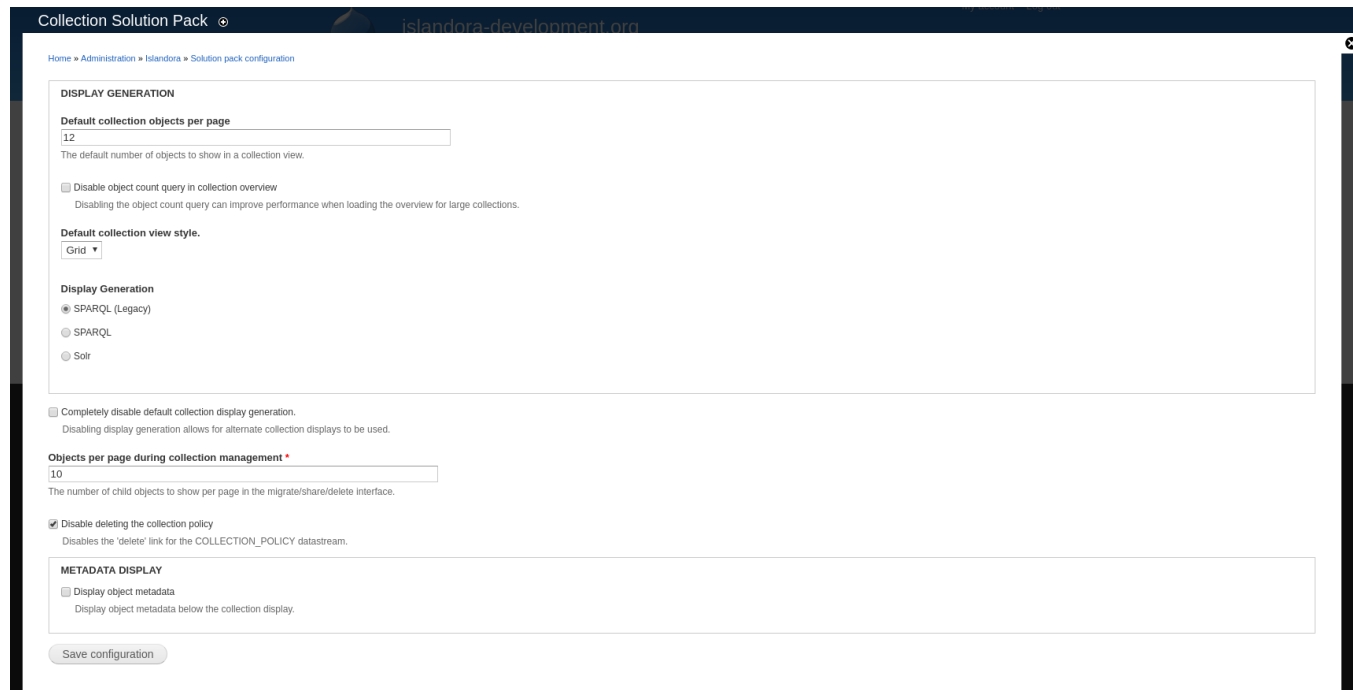
[Release Notes and Downloads](#)

Usage

Information about basic usage of collection objects can be found throughout the [Getting Started with Islandora](#) section of the Islandora documentation.

Configuration

Configuration options for the Collection Solution Pack can be found at http://your.site.here/admin/islandora/solution_pack_config/basic_collection



The screenshot shows the 'Collection Solution Pack' configuration page in the Islandora administration interface. The page has a dark blue header with the site name 'islandora-development.org'. The breadcrumb trail is 'Home » Administration » Islandora » Solution pack configuration'. The main content area is titled 'DISPLAY GENERATION' and contains several settings:

- Default collection objects per page:** A text input field containing '12'. Below it, a note states: 'The default number of objects to show in a collection view.'
- ☐ **Disable object count query in collection overview:** A note below says: 'Disabling the object count query can improve performance when loading the overview for large collections.'
- Default collection view style:** A dropdown menu set to 'Grid'.
- Display Generation:** Three radio buttons: 'SPARQL (Legacy)' (selected), 'SPARQL', and 'Solr'.
- ☐ **Completely disable default collection display generation:** A note below says: 'Disabling display generation allows for alternate collection displays to be used.'
- Objects per page during collection management:** A text input field containing '10'. A note below says: 'The number of child objects to show per page in the migrate/share/delete interface.'
- ☒ **Disable deleting the collection policy:** A note below says: 'Disables the "delete" link for the COLLECTION_POLICY datastream.'
- METADATA DISPLAY:** A section with a checkbox for 'Display object metadata'. A note below says: 'Display object metadata below the collection display.'

At the bottom left, there is a 'Save configuration' button.

Display Generation Options

The Collection Solution Pack gives you multiple options when it comes to configuring how the children of a collection should be sorted and displayed in the parent collection view. Choose from one of the following options:

SPARQL (Legacy)

'SPARQL (Legacy)' is the default option, and uses a simple SPARQL query to find the children of the current collection and sorts them in alphabetical order by object label.

SPARQL

This option is similar to 'SPARQL (Legacy)' but has the ability to provide additional bits of metadata to the display when the 'Display object metadata' option at the bottom of the form is selected.

ATTRIBUTE	DESCRIPTION	HIDE FROM DISPLAY
 Object Content	Main object page content, such as configured viewers	☐
 Fieldset Metadata	An objects metadata collection set	☐
 In Collection	Indicates which collections this object belongs to	☐
 Description	An objects description field	☐

Solr

This option will require additional configuration elements when selected:

Display Generation

- ☐ SPARQL (Legacy)
- ☐ SPARQL
- ☒ Solr

Sort field for collection query

One or more non-multivalued Solr fields to sort by when using the Solr collection query backend (by convention, multivalued fields have names that contain "_m" plus another letter at the end of their Solr names). Add " asc" or " desc" after each fieldname. If this setting is empty, the Solr default query sort will be used.

- ☐ Allow individual sort strings per-collection
Allows per-collection sort strings to be configured. These sort strings can be set on the collection configuration page for individual collection objects.
- ☐ Allow Solr sort block to override collection sort
Allows Solr sort block to override collection and default collection sort settings.
- ☐ Allow Solr result limit block to override collection limit
Allows Solr result limit block to override the default collection limit.

Additionally, like the 'SPARQL' option discussed above, the 'Solr' option has the ability to provide additional bits of metadata to the display when the 'Display object metadata' option at the bottom of the form is selected.

ATTRIBUTE	DESCRIPTION	HIDE FROM DISPLAY
 Object Content	Main object page content, such as configured viewers	☐
 Fieldset Metadata	An objects metadata collection set	☐
 In Collection	Indicates which collections this object belongs to	☐
 Description	An objects description field	☐

Content Models, Prescribed Datastreams and Forms

The Collection Solution Pack comes with the following objects in http://path.to.your.site/admin/islandora/solution_packs:

- Islandora Collection Content Model (islandora:collectionCModel)

A collection created using the Basic Collection Solution Pack's content model will have the following datastreams:

RELS-EXT	Default Fedora relationship metadata
COLLECTION_POLICY	The collection's policies regarding applied content models and membership
TN	Thumbnail icon
DC	Dublin Core record
MODS	MODS metadata record

The Collection Solution Pack comes with the Collection MODS form.

