

Compound Solution Pack

Overview

The Compound Solution pack module adds the ability to create compound objects using objects created with any other Islandora solution pack by enabling a generic parent-child relationships between objects. The object view of a compound object is replaced by the view of its first child object. The included "Islandora Compound Object Navigation" block provides a thumbnail navigation of an object's siblings. A "Compound" management tab allows for the addition and removal of parent and child objects for each object.

Configuration options are available through the Compound objects administrative menu (admin/islandora/compound_object)

Dependencies

- [Core Collection Solution Pack](#)

Downloads

[Release Notes and Downloads](#)

Installation

Enable the module and if the navigation controls are desired, enable and configure the "Islandora Compound Object Navigation" block at [/admin/structure/block](#).

Usage

To create a compound object:

- Go to parent collection.
- Click "Manage".
- Enable the "Compound Object" module under "Collection" tab, then click "Update Collection Policy".
- After enabling the compound object module, click the "Overview" tab then "Add an Object".
- Select "Compound Object" then "Next".
- Select "Compound Object MODS form" then "Next".
- Fill in the form then click "Next".
- Note that you will not be ingesting an object datastream at this point, you are just creating the "parent" compound object to add "child" objects to.
- After the compound object has been created, you can add "child" objects. Click "Manage" > "Compound".
- Under the "Add Child Object" field, enter the PID for each object to be added to the compound object, then click submit. If you do not use drush, you must do this once-at-a-time for each PID.

Configuration

The module has documented configuration options at admin/islandora/solution_pack_config/compound_object.

By default, compound objects will be filtered from Solr search results. To change this, go to "Islandora" > "Compound Objects" > and change the Solr Filter Query from ~~RELS_EXT_isConstituentOf_uri_mt:~~ to **RELS_EXT_isConstituentOf_uri_mt: (i.e. remove the minus sign).**

Customization

The "Islandora Compound Object Navigation" block can be themed. See [theme_islandora_compound_prev_next\(\)](#).

Drush

A Drush command has been added, to be run from the command line (Terminal), that will update the existing rel-predicate of existing compound objects to 'isConstituentOf'. It can be run with the drush command 'drush update_rels_predicate'. This command accpets no arguments.

Content Models, Prescribed Datastreams and Forms

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

- Islandora Compound Object Content Model (islandora:compoundCModel)
- Compound Collection (islandora:compound_collection)

An image object created using the Compound Solution Pack's content model will have the following datastreams:

RELS-EXT	Default Fedora relationship metadata
MODS	MODS record, created at time of ingest
DC	Dublin Core record
TN	Thumbnail image, created at time of ingest

The Compound Solution Pack comes with the Compound Object MODS form.