Solution Packs
Managing Content with Islandora
Collection Solution Pack

Introduction
This repository contains the collection solution pack. This module is required for Island collection functionality.

Requirements
This module requires the following modules/libraries:

- Islandora
- Tuque

NOTE: The collection solution pack requires that the resource index is enabled in Fedora, as it queries the resource index.

Installation
Install as usual, see this for further information.

Configuration
Set the default number of collection objects per page, view style, and configuration options:

Administration » Islandora » Core Collection (admin/islandora/basic_collection)

Default collection objects per page: 52

The default number of objects to show in a collection view.

Enable showing the collection policy:

Toronto Telegram

The 'Toronto Telegram' (originally the 'Evening Telegram,') was launched in 1876 by John Ross Robertson. The 'Tely' strongly supported the British connection in Canada, appealing to British and imperial sentiments even after Canadian nationalism became fashionable. The newspaper was locked in a circulation war with its afternoon rival, the 'Toronto Star,' for much of the twentieth century. The battle involved giveaway contests, scoops, and even hiring personalities (like swimmer Marilyn Bell) from the competition to ensure exclusive stories. Following Robertson's death, the paper was continued by a trust he had established. In 1948 the newspaper was sold to George McCullagh, owner of the Toronto Globe & Mail, who invited John Bassett to act as publisher. In 1962 Bassett bought the newspaper and attempted to beat the Star with new features in his newspaper, the introduction of colour photography (which meant the demise of the famous 'pink' newspaper on which the 'Tely' had been printed), and other modernizations (including a new office building). Falling circulation and lack of advertising led Bassett to close the newspaper in 1971.
Collections & Content Models

Collections may contain objects from multiple content models
Collection Solution Pack

Create and manage collection objects
Audio Solution Pack

Introduction

Adds all required Fedora objects to allow users to ingest and retrieve an interface.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- Lame (Debian/Ubuntu sudo apt-get install lame)

Installation

Install as usual, see this for further information.

Configuration

Set the path for lame and select a viewer in Administration » islandora (admin/islandora/audio).

Description

Consists of audio recording of a concert of Acadian music performed by Edith Butler and Donat Lacroix. Recording begins with a brief history of Acadians by Edith Butler followed by her performance of "Il me r'a volt a l'ecole?" and "Le Dix D'Avril". Each song begins with a story about the song to be performed by either Butler or Lacroix and leads into the music. The songs are duets with Interchanging vocals. Donat Lacroix performs "Le p'tit bateau," "Derriere chez-nous y'a un joli bocage" or "Derriere chez-nous y'a un champ de pois." Together Lacroix and Butler perform "Le mal de dents" followed by Butler performing "Le p'tit bucol" (a song about an old maid who is angry that she can not find a husband). Butler then sings "Au chant de l'oiselette" and an untitled song. Lacroix sings "Un si gros cures," a humorous song about a parish priest and describes a bawdy wordplay with the French "Cure", followed by (30:53: as if the recording jumps forward might be farther ahead into the song sung by Lacroix). "Le p'tit man" which he explains is a song sung in both French and English. Lacroix then sings "La drole de vieillie," about a ninety year old woman, with Butler adding vocal accompaniment followed by Butler performing an untitled bilingual song. Recording ends at 42:02.

In collections

- Mariposa Folk Foundation
Introduction

Allows for the creation of book and page objects (islandora:bookCMObject, islandora:pageObject). Books are essentially a collection of pages, containing only metadata and optionally a PDF book. A book's PDF can be generated from each page. Pages are based on an uploaded page image from the uploaded TIFFs. It is also possible to generate PDF files per page. OCR and OCR data can also be generated from the uploaded TIFF.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- Islandora Paged Content
- Islandora Large Image Solution Pack
- Islandora OCR

Installation

Install as usual, see this for further information.

Configuration

Select configuration options for page derivatives, Parent Solr Field, and select a viewer object and page objects in Administration » Islandora » Book Collection (admin/islandora).
Compound Object Solution Pack

Introduction

The Islandora Compound Object Solution Pack enables generic parent-child relational objects. The object view of a compound object is replaced by the view of its first child included "Islandora Compound Object Navigation" block provides a thumbnail navigation. A "Compound" management tab allows for the addition and removal of parent objects for each object.

Installation

Install as usual, see this for further information.

If utilizing the lazy loading image ability of the solution pack, the JAIL library must be installed/sites/all/libraries/JAIL.

Configuration

Set the 'Child relationship predicate' and 'Solr filter query', as well as select option = Islandora -> Solution pack configuration = Compound Object Solution Pack (/adm/solution_pack/config/compound_object).

Optionally, enable the JAIL compound block to utilize the lazy loading image ability.

In collections

- The Music Gallery

Details

Title: Barre Phillips in concert with strings and voice

Creator(s): Barre Phillips

Publisher: The Music Gallery
Disk Image Solution Pack

Introduction

Adds all required Fedora objects to allow users to ingest and retrieve a disk image.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- sleuthkit
- afflib-tools
- libafflib-dev
- libbiff-dev
- owl-tools

Installation

Install as usual, see this for further information.

Sleuthkit install:

- `sudo apt-get install libafflib-dev afflib-tools libbiff-dev`
- `git clone https://github.com/sleuthkit/sleuthkit.git`
- `cd sleuthkit`
- `. ./bootstrap`
- `./configure` (no need to declare `--with-arrlibdir` if you install afflib-tools as described above)

Download

- Disk Image: Test.dd
Islandora Entities Solution Pack

Introduction
This module is for adding support for entities (person, place, event, organization) to Islandora.

Requirements
This module requires the following modules/libraries:
- Islandora
- Islandora Basic Collection
- Islandora Solr
- Islandora Solr Metadata
- Islandora Bookmark

Installation
Install as usual, see this for further information.

The autocomplete for the MADS forms requires solr values. A standard installation shows transformations in basic-solr-config (example config from discoverygarden).

The link to the MADS transformation in fomxToSolr.xsl must be uncommented. This will depend on your installation.

Configuration
The Solr field for searching entities and the entity collection are configurable at Adminstration ▶ Islandora ▶ Solution pack configuration ▶ Entities (admin/islandora/solution_pack_configuration).

Islandora Solr Metadata must be chosen as the default metadata display. This can be set at Adminstration ▶ Islandora ▶ Metadata Display (admin/islandora/metadata).

Collection to ingest person entities in.
- islandora:entity_collection
  Used by dependent modules provide links to the collection.

Collection to ingest event entities in.
- islandora:entity_collection
  Used by dependent modules provide links to the collection.

Collection to ingest organization entities in.
- islandora:entity_collection
  Used by dependent modules provide links to the collection.

Collection to ingest place entities in.
- islandora:entity_collection
  Used by dependent modules provide links to the collection.

An Event
Details

- Title: An Event
- Creator
- Subject
- Description
- Publisher
- Contributor
- Date
- Type
- Format
- Identifier: islandora:239
- Source
Basic Image Solution Pack

Introduction

Creates Image Collection to hold image objects. Adds support for Image objects based on JPEG/PNG/GIF image files.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- ImageMagick

To successfully create derivative data streams ImageMagick (TN & JPG) needs to be installed on the server.

Installation

Install as usual, see this for further information.

Configuration

Configure the image-tool kit to use ImageMagick rather than GD in Administration > Configuration > Media > Image Toolkit (admin/config/media/image-toolkit). If GD is selected, TN and JPG datastreams will not be generated.
Large Image Solution Pack

Introduction

The large image solution pack loads all required Fedora objects and creates an empty set to accept TIFFs and create derivatives.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- ImageMagick
- Kakadu (bundled with Djiokka)

To successfully create derivative data streams, ImageMagick (for TN & JPG) and Kakadu need to be installed on the server.

Installation

Install as usual, see this for further information.

Configuration

Configure the image-toolkit to use ImageMagick rather than GD in Administration ➔ Core Media ➔ Image Toolkit (admin/config/media/image-toolkit). If GD is selected, TN and JPG will not be generated.

Description

Image of a bulldog wearing a birdcage veil.
Newspaper Solution Pack

Introduction

This module packages functions for ingesting and displaying newspaper content.

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- Islandora Paged Content
- Islandora OCR
- Islandora Large Image Solution Pack
- Islandora Openseadragon (optional)

Installation

Install as usual, see this for further information.

Configuration

Select configuration options for page derivatives, Parent Solr Field, and select object and page objects in in Administration ➔ Islandora ➔ Newspaper Collection ➔/newspaper).
PDF Solution Pack

Introduction

Loads all required Fedora Objects, and creates an empty collection object to acc

Requirements

This module requires the following modules/libraries:

- Islandora
- Tuque
- ImageMagick - Debian/Ubuntu sudo apt-get install imagemagick
- pdf2text - Debian/Ubuntu sudo apt-get install poppler-utils

Installation

Install as usual, see this for further information.

Configuration

Configure thumbnail and preview image sizes, and set the path for pdf2text if selected in Administration » Islandora » PDF Collection (admin/islandora/pdf).

Description

Image of front and back of negative envelope, and one contact sheet. Assignment: Bad odor Pix A.R. Clark Tannery

In collections

- Toronto Telegram
**Video Solution Pack**

**Introduction**

Adds all required Fedora objects to allow users to ingest and retrieve video files through the interface.

This module requires libfaac. Libfaac is not free for commercial use.

**Requirements**

This module requires the following modules/libraries:

- Islandora
- Tuque
- FFmpeg - Compilation guides: Ubuntu, CentOS.
- ffmpeg2theora (optional) - Instructions

FFmpeg version 1.1.4 has been tested. It can be downloaded [here](http://www.ffmpeg.org).

Sample compile flags: `--prefix=/usr/local/stow/ffmpeg-1.1.4 --enable-gpl --enable-nonfree --enable-postproc --enable-libopencore-amrnb --enable-libopenenc --enable-libd1394 --enable-libfaac --enable-libsalsa --enable-libtheora --enable-libvorbis --enable-libvpx --enable-libx264 --enable-libxvid`

**Installation**

Install as usual, see [this](http://www.example.com) for further information.

**Description**

Consists of a digitized copy of a silent 16mm film. Film can annotated "Bob Doan Mariposa Folk Festival,". Digitized for preservation and access purposes. Not to be copied, reproduced or distributed without expressed permission of copyright holders.

**In collections**

- Mariposa Folk Foundation

**Details**
Web ARCHive Solution Pack

Introduction

Adds all required Fedora objects to allow users to ingest and retrieve web archives through Islandora interface.

Requirements

This module requires the following modules/libraries:
- Islandora
- Tuque
- warcTools

Installation

Install as usual, see this for further information.

Configuration

Set the paths for warcindex and warcfilter in Administration » Islandora » Solution configuration » Web ARCHives (admin/islandora/solution_pack_config/web_archive).

Path to warcfilter executable.

/usr/local/bin/warcfilter

Description

The Romanian Online Dialect Atlas is an experimental online presentation of dialect information about Romanian. The Romanian Online Dialect Atlas project proposes applying innovative contemporary methods in dialect geography to an online set of Romanian dialect data.

Download

- Warc: Romanian Online Dialect Atlas : An experimental presentation of linguistic information.tar
- PDF: Romanian Online Dialect Atlas : An experimental presentation of linguistic information.pdf
- Screenshot: Romanian Online Dialect Atlas : An experimental presentation of linguistic information.png
That’s all cool...

what about 7.x-2.x?
RDF

Let our ontologies actually do some work!
Derivatives

What if we made better use of our resources?