

# Islandora OAI

## Overview

This module provides an implementation the Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH) for Islandora fedora repository with a Solr index. By implementing the islandora\_oa module, you can expose content (its metadata) as an OAI-PMH repository. It will then be accessible by OAI harvesters. For further OAI documentation, please see: <http://www.openarchives.org/OAI/openarchivesprotocol.html>

## Functions

- Receive OAI-PMH request of service providers in form of HTTP request (GET or POST)
- Handle the OAI-PMH request
- Respond to OAI-PMH request in form of HTTP response (XML) to the service provider

## Installation

1. Copy the module directory to your modules directory.
2. Browse to admin/modules and enable the islandora\_oai module, the module will report success or failure of the installation.
3. Browse to admin/settings/islandora\_oai to set the basic configuration of your repository
4. After you have exposed content types and some fields, your repository is available at /oai2
5. Example requests are as follows:
  - a. /oai2?verb=Identify
  - b. /oai2?verb=ListMetadataFormats (only oai\_dc currently supported)
  - c. /oai2?verb=ListIdentifiers&metadataPrefix=oai\_dc
  - d. /oai2?verb=GetRecord&metadataPrefix=oai\_dc&identifier=PID
  - e. /oai2?verb=ListRecords&metadataPrefix=oai\_dc

As an alternative, check out the OAI-PHM module (<http://drupal.org/project/oai2>). It works hand in hand with the bibliography module to expose biblio content in an OAI-PHM repository.

## Dependencies

### Islandora.ca modules:

- Islandora Solr Search
- Islandora Repository
- Islandora Content Model Forms
- Islandora XML Forms
- Islandora XML Form API
- Islandora XML Form Builder
- Islandora XML Form Elements
- Islandora XML Schema API
- Objective Forms
- PHP Lib
- Tabs

### Drupal.org modules:

- [jQuery Update](#)
- [jQuery UI](#)