

# XACML Editor

## Overview

The Islandora XACML Editor provides a graphical user interface to edit XACML policies for objects in a repository or collection. It adds a new tab to each collection called **Child Policy** and a tab to each item called **Item Policy**, where permissions can be set on a per User or per Role basis for:

- **Object Management:** Controls who can set XACML policies for an object /collection.
- **Object Viewing:** Controls who can view an object/collection.
- **Datastreams and MIME types:** Controls who can view datastreams by DSID and MIME type.

## Tutorials

### [Using the XACML Editor](#)

## Dependencies

### [Islandora.ca modules:](#)

- Islandora Repository
- Islandora XACML API

### [Drupal.org modules:](#)

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

## Interactions with Other Modules

## Fedora Configuration

It may be desirable--and in fact necessary for some modules--to disable/remove one of the default XACML policies which denies any interactions with the POLICY datastream to users without the "administrator" role.

This policy is located at: **\$FEDORA\_HOME/data/fedora-xacml-policies/repository-policies/default/deny-policy-management-if-not-administrator.xml**

### **Solr Searching Hook**

In order to comply with XACML restrictions placed on objects, a hook is used to filter results that do not conform to a searching user's roles and name. This hook will not function correctly if the Solr fields for '**ViewableByUser**' and '**ViewableByRole**' are not defined correctly. These values can be set through the admin page for the module.

### **Issues with Autocomplete**

There are two known issues that exist within Drupal's autocomplete that can be fixed by patching Drupal:

- "."s appearing in the autocomplete field resulting in a 404 error (<http://drupal.org/node/93854#comment-6164592>).
- When pressing the down arrow and focusing on another field "undefined" appears in the textfield (<http://drupal.org/node/172755>).