

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.

Dependencies

- [Islandora](#)
- [Tuque](#)
- Islandora XACML API

[Drupal.org](#) modules:

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

Installation

Install as usual, see [this](#) for further information.

Usage

[Using the XACML Editor](#)

Configuration

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 here: `$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 as they are set in the XSLT. These values can be set through the admin page for the module.

Notes

The XACML editor hooks into ingesting through the interface. When a child is added through the interface, the parent's POLICY will be applied if one exists.

If XACML policies are written or edited by hand, it may result in unexpected behaviour.

Troubleshooting/Issues

Having problems or solved a problem? Check out the Islandora google groups for a solution.

- [Islandora Group](#)
- Islandora Dev Group