

Islandora Checksum

Overview

A simple module to allow repository managers to enable the creation of a checksum for objects. If enabled, the following checksum algorithms are available: MD5, SHA-1, SHA-256, SHA-384, SHA-512.

This will checksum all datastreams.

Dependencies

- [Islandora Core Module](#)
- [milestone 4 - Installing The "Tuque" library \(Copy\)](#)

Downloads

[Release Notes and Downloads](#)

Installation

Unzip this module into your site's modules directory as you would any other contrib module. See [this](#) for further information.

Configuration

Enable and set checksum type in Administration » Islandora » Islandora Utility Modules » Checksum (admin/islandora/tools/checksum). To retroactively enable or modify checksums for all objects in a collection, enable and set checksum type if you have not already done so, choose a collection, and click on the 'Apply' button.

Derivative generation can be bypassed when updating only the checksumType of an object. This applies to any modules that may modify the checksumType of the object, or to objects being updated via the "Apply or Re-Apply" batch process.

[blocked URL](#)

Usage

Once checksums are enabled and a checksum type is set, configured datastreams will automatically be given the appropriate datastreams.

A drush command exists, **islandora-checksum-update-checksums**, to run the checksum updater on a collection or multiple collections. Use **drush help icuc** for more details.