

# 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.

Note: There is a difference between a security application of SHA and data integrity application of SHA. Islandora's application is for the latter, for data integrity. For Islandora's purposes, any of the checksum algorithms can be used.

## Dependencies

- [Islandora Core Module](#)
- [Tuque](#)

## 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 checksums on existing objects, enable and set checksum type if you have not already done so, and choose a collection and click on the 'Enable' button.

**CHECKSUM CONFIGURATION**  
☒ **Enable checksum**  
Enables checksum creation on all datastream.  
  
**Checksum type**  

SHA-1 ▼

**RETROACTIVELY ENABLE CHECKSUMS**  
  
**Collection**  

Video Collection ▼

  
Select a collection to retractorively enable checksums on.  
  
☒ **Log errors**  
Log errors to watchdog.  
  

Enable

 This may take a while. Please be patient.

Save configuration