

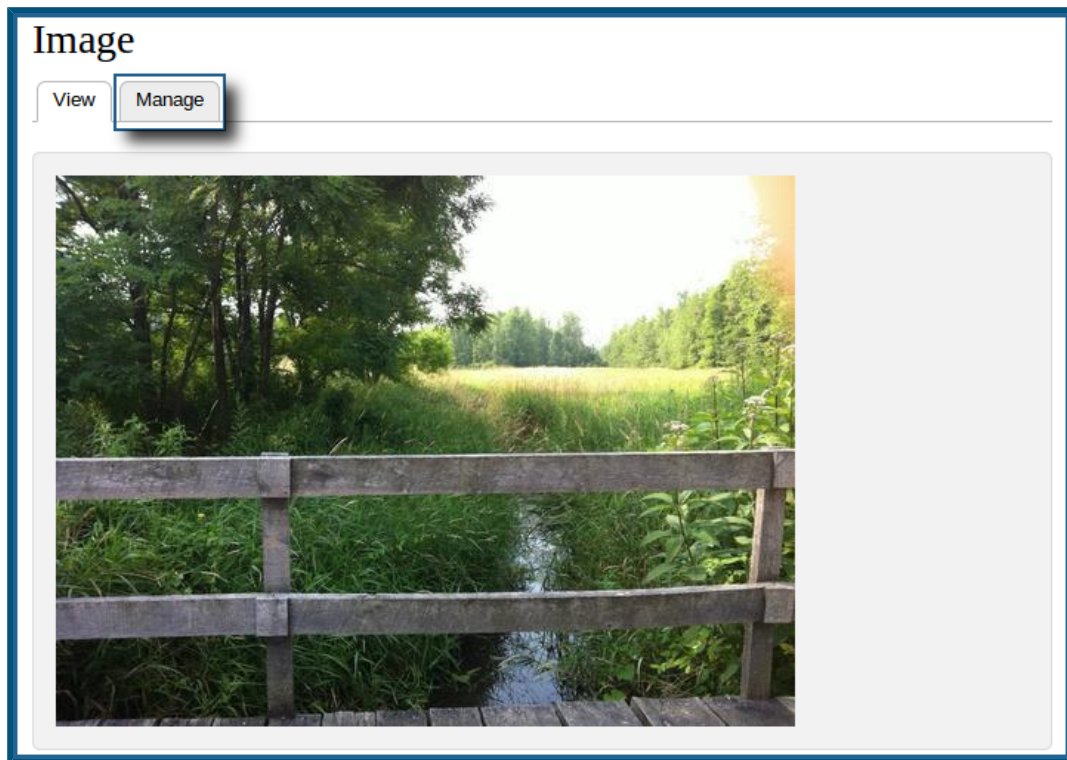
How to Make Changes to the Datastreams of an Object

If you find that a datastream is incorrect, missing, unnecessary, or could simply use improvement, it is possible to manually add and remove the datastreams of an object through the Islandora interface. This tutorial will walk you through the steps of downloading datastreams, replacing them, or adding new ones.

Adding new datastreams

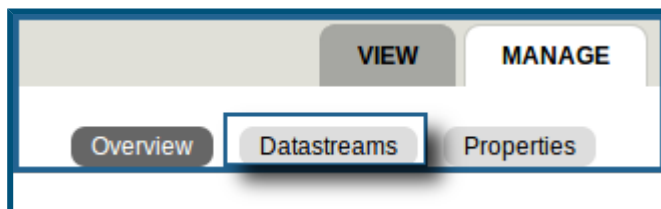
In this example, we will be adding a new image-type datastream to be stored with the rest of the datastreams of a basic image - one not supported by the Basic Image Solution Pack, and therefore not created on ingest.

- 1. Choose the collection or object you would like to add a datastream to**



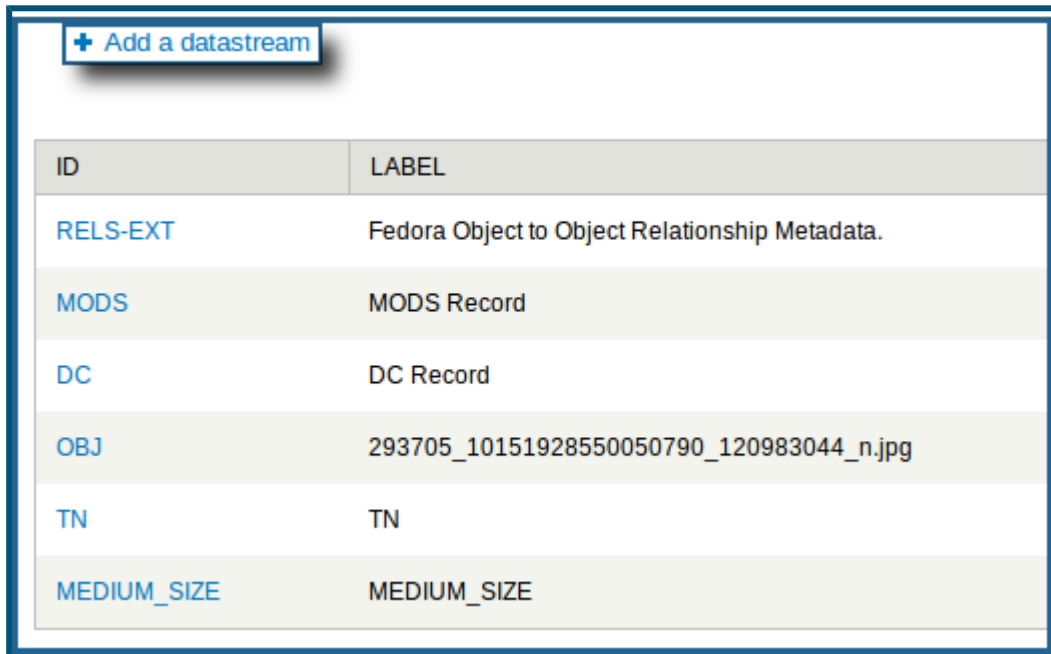
In this case, we've selected an image from the Basic Image Collection. Click the 'Manage' tab to continue.

2. Click the 'Datastreams' button



This will bring you to the datastream management page.

3. Click the 'Add a datastream' button



The screenshot shows a web interface for managing datastreams. At the top left, there is a button labeled '+ Add a datastream'. Below this is a table with two columns: 'ID' and 'LABEL'. The table contains six rows of data, each with a blue ID and a corresponding label.

ID	LABEL
RELS-EXT	Fedora Object to Object Relationship Metadata.
MODS	MODS Record
DC	DC Record
OBJ	293705_10151928550050790_120983044_n.jpg
TN	TN
MEDIUM_SIZE	MEDIUM_SIZE

This will bring you to the datastream adding form.

4. Fill out the datastream adding form

The screenshot shows a web form titled "Add a datastream *". It contains three main sections: 1. A dropdown menu for selecting a datastream type, currently showing "BMP". 2. A text input field for a "Datastream Label", currently containing "Windows Bitmap Image". 3. An "Upload Document *" section with a "Choose File" button, a text input showing a filename "293705_101...044_n.bmp", and an "Upload" button. Below the upload section is a note: "Select a file to upload. Files must be less than 2048 MB." At the bottom of the form is a large "Add Datastream" button. Numbered callouts (1-4) are placed over the form elements: 1 points to the datastream type dropdown, 2 points to the datastream label input, 3 points to the upload button, and 4 points to the final "Add Datastream" button.

Add a datastream *

BMP

Datastream Label *

Windows Bitmap Image

A Human readable label

Upload Document *

Choose File 293705_101...044_n.bmp Upload

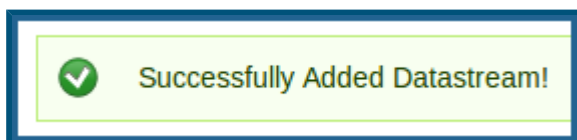
Select a file to upload.
Files must be less than 2048 MB.

Add Datastream

- **Add a datastream** - Here you will give your datastream an identification (DSID). There are a few preconfigured datastreams that are recognized by different solution packs, but your Fedora repository will accept the ingesting of datastreams with any DSID - if they aren't part of the preconfigured list, they will simply exist as an appended file, without additional support by Islandora. You can check the standard list of DSIDs for a particular solution pack in the [Solution Packs](#) section of Chapter 5 of this manual. Once a DSID has been set for a datastream, it cannot be changed unless you re-ingest the datastream.
- **Datastream Label** - Though necessary, this label can realistically be anything you choose. Islandora doesn't recognize one label over another; this is simply a human-readable name to be appended to the datastream for quick identification, but which can be changed later.
- **Upload Document** - This is the standard form for uploading a file. It can vary between browsers. This is where you will choose the file to be associated with the datastream you are creating.

- **Add Datastream** - Once everything is filled out, click this button to start the ingest process.

5. Wait for the ingest process to complete



Once the process is successfully completed, you will see the above message. You can check if your datastream has been added properly by navigating to the datastreams management page of your object and looking for it in the list:

ID	LABEL
RELS-EXT	Fedora Object to Object Relationship Metadata.
MODS	MODS Record
DC	DC Record
OBJ	293705_10151928550050790_120983044_n.jpg
TN	TN
MEDIUM_SIZE	MEDIUM_SIZE
BMP	Windows Bitmap Image

Removing and replacing a datastream

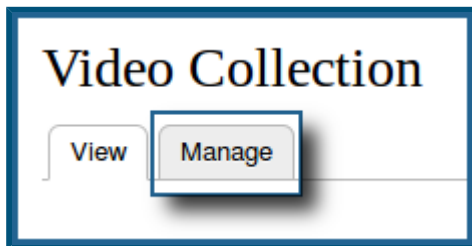
In this example, we will be replacing the 'thumbnail' datastream of a collection, getting rid of the 'folder' icon and uploading a different image in its stead.

1. Choose the object whose datastream you would like to replace



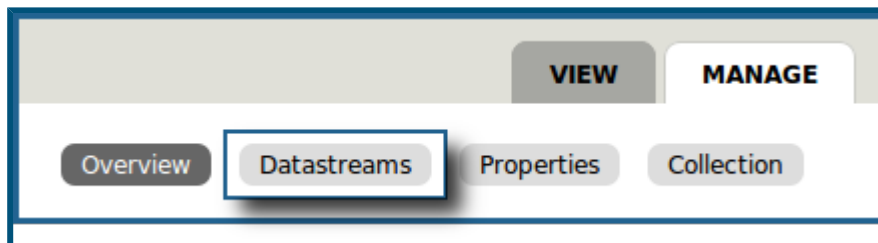
In this example, we will be working inside the standard Video Solution Pack collection.

2. Click the collection's 'Manage' tab



This will bring you to the collection's management page.

3. Click the 'Datastreams' button

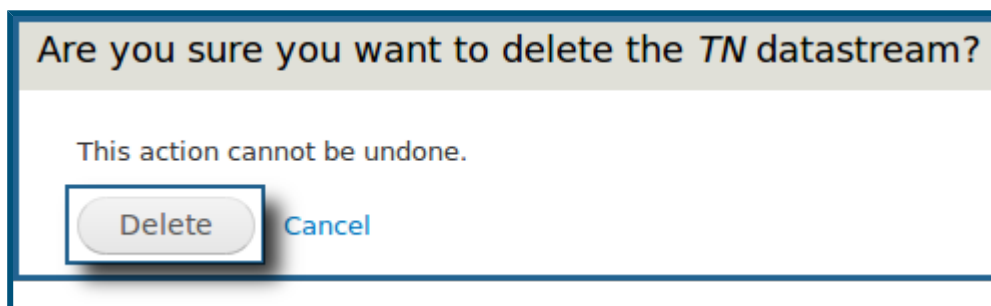


This will bring you to the datastreams management page.

4. Delete the original datastream

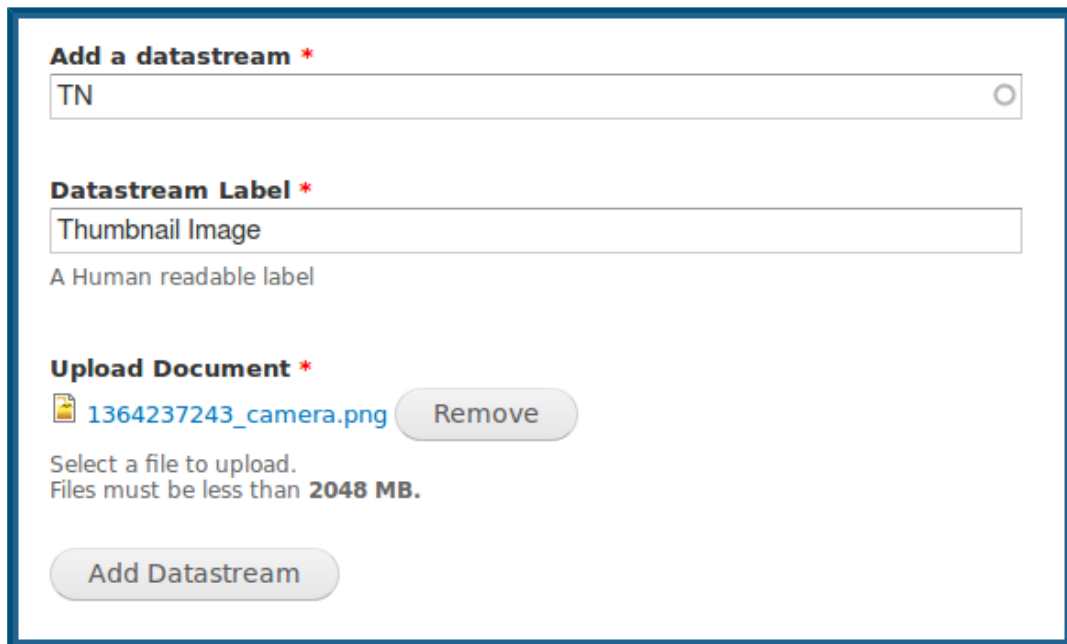
ID	LABEL	TYPE	MIME TYPE	SIZE	OPERATIONS	
RELS-EXT	Fedora Object to Object Relationship Metadata.	Inline XML	application/rdf+xml	561 B	download	delete
COLLECTION_POLICY	Collection policy	Inline XML	text/xml	525 B	download	
TN	Thumbnail	Managed	image/png	5.02 KB	download	delete
DC	Dublin Core Record for this object	Inline XML	text/xml	395 B	download	

You can do this by clicking the 'delete' button next to the datastream you wish to delete. In this case, we will be removing the 'TN' datastream, which corresponds to the collection's thumbnail image.



You will be asked to confirm your deletion; click the 'Delete' button to continue.

5. Fill out the datastream adding form with the same DSID as the one you just deleted



The screenshot shows a web form titled "Add a datastream *". It contains three main sections: 1. A text input field with the value "TN". 2. A section titled "Datastream Label *" with a text input field containing "Thumbnail Image" and a subtext "A Human readable label". 3. An "Upload Document *" section showing a file named "1364237243_camera.png" with a "Remove" button. Below this is a message: "Select a file to upload. Files must be less than 2048 MB." At the bottom of the form is a large "Add Datastream" button.

Add a datastream *

TN

Datastream Label *

Thumbnail Image

A Human readable label

Upload Document *

 1364237243_camera.png Remove

Select a file to upload.
Files must be less than **2048 MB**.

Add Datastream

You can get to this point by following the same steps as listed in the 'Adding new datastreams' section above.

In this case, we will be adding a new thumbnail icon using a DSID of 'TN', with an accompanying label that makes sense.

Thumbnail images are, by default, 128x128 pixel PNG images. Though physically larger images are acceptable, bear in mind that mismatched thumbnail sizes may cause objects to be spaced wider apart when viewing them in a list.

6. View your new datastream



We can now see that our new thumbnail datastream is associated with the object we attached it to. By simply maintaining the exact same DSID upon ingest, we can replace any datastream for any object using this same method.