Basic Image Solution Pack

Overview

The Basic Image module adds the ability to create Basic Image collections, which are capable of displaying GIF, PNG and JPG/JPEG files. Users can view a medium-sized preview of the image on the object's View tab, or click the image to view it full size in their browser. The module creates preview and thumbnail images in the same format as the original image during the ingest process. This module does not use a separate image viewer.

Dependencies

- Islandora
- Tuque
- ImageMagick

Downloads

Release Notes and Downloads

Configuration

Creating image derivatives

To create image derivatives, configure the image processing toolkit to use ImageMagick rather than the GD2 image manipulation toolkit in Administration > Configuration > Media > Image Toolkit (admin/config/media/image-toolkit). If GD2 is selected, TN and MEDIUM_SIZE datastreams will not be generated.

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Image derivative quality and scaling

When images are uploaded, ImageMagick creates a MEDIUM_SIZE preview that is 500 x 700 pixels, or as close as possible with the aspect ratio preserved. If the original image is smaller, this can result in low quality preview images. To prevent image upscaling for images under 500 x 700 pixels, go to Administration > Islandora > Solution pack configuration > Basic Image Solution Pack (admin/islandora/solution_pack_config/basic_image) and uncheck the box labeled **"Upscale images for MEDIUM_SIZE derivatives?"**

Content Models, Prescribed Datastreams and Forms

The Basic Image Solution Pack comes with the following objects in http://**path.to.your.site**/admin/islandora/solution_pack_config/solution_packs:

- Islandora Basic Image Collection (islandora:sp_basic_image)
- Basic Image Collection (islandora:sp_basic_image_collection)

An image object created using the Basic Image Solution Pack's content model will have the following datastreams:

RELS-EXT	Default Fedora relationship metadata
MODS	MODS record, created at time of ingest
DC	Dublin Core record
OBJ	The original image file uploaded
TN	Thumbnail image, created at time of ingest
MEDIUM_SIZE	A resized version of the image, used on the object's View page

The Basic Image Solution Pack comes with the Basic image MODS form.