

Large Image Solution Pack

Overview

The Large Image Solution Pack module supports ingesting and viewing TIF/TIFF files, which by nature tend to be extremely large in both filesize and resolution. The module supports creation of derivatives for use when a smaller filesize is necessary, and also supports the installation of image viewers that can accommodate the larger resolution.

Dependencies

- [ImageMagick](#) is required to create image derivatives
- [OpenSeadragon](#) can be used as an alternative viewer
- [Core Collection Solution Pack](#)

Downloads

[Release Notes and Downloads](#)

Configuration

The Large Image Solution Pack module's configuration page can be found at http://path.to.your.site/admin/islandora/large_image, and contains the following settings:

- **Lossless Derivative Creation?:** Enabling this will force the Large Image Solution Pack to use no compression when creating derivatives.
- **Use Kakadu for Image Compression?:** The Kakadu software suite can be installed on your server to take advantage of its much faster kdu_compress program. Check the official website at <http://www.kakadusoftware.com/> for download and installation instructions

Viewers

If no viewers are installed, the Large Image Solution Pack module will use its standard viewer to display images. For better results, the [OpenSeadragon](#) library can be installed; check that page for further instructions. If it is installed, it can be selected here.

Content Models, Prescribed Datastreams and Forms

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

- Islandora Large Image Content Model (islandora:sp_large_image_cmodel)
- Islandora Large Image Collection (islandora:sp_large_image_collection)

An image ingested using the Large Image Solution Pack's content model using ImageMagick will have the following datastreams:

| | |
|----------|--|
| RELS-EXT | Default Fedora relationship metadata |
| MODS | MODS record filled out during ingest |
| DC | Dublin Core record |
| OBJ | Original TIFF file uploaded |
| JP2 | JPEG 2000 derivative created by ImageMagick or Kakadu |
| JPG | Medium-sized JPEG created by ImageMagick and used in the standard image viewer |
| TN | Thumbnail icon created from the image during the ingest process |

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