

# Large Image Solution Pack

## Overview

The Large Image Solution Pack ingests uncompressed TIFF and TIF images into your repository and uses ImageMagick to create thumbnail and medium sized versions of the image. The thumbnail is displayed to the viewer at the collection level. It also uses Kakadu /Djatoka to create JP2 and lossless JP2 versions, as well as to perform automated region extraction via tiles (permitting users to use the Islandora Image Viewer and zoom in and out of an image).

## Dependencies

- [Djatoka](#)
- [ImageMagick](#)
- [Islandora Image Viewer](#)
- [Kakadu](#)

## Content Models and Prescribed Datastreams

The Large Image Solution Pack comes with the following objects:

- islandora:sp\_large\_image\_cmodel
- islandora:viewerSdep-large\_image\_sp
- islandora:jp2Sdep-large\_image
- islandora:mods2htmlSdep-large\_image

A Large Image *Data Object* created using the Large Image Solution Pack's *Content Model* will have the following datastreams

RELS-EXT	Default Fedora Relationship Metadata Stream
DC	Default Dublin Core Data Stream

TN	Thumbnail for Display
MODS	Data Stream holding MODS Metadata
JP2	Web-viewable JPEG2000 image
TIFF	Original binary .tiff file

The default form is called “IslandoraLargeImageMODSForm”