

Islandora PDF.js

Introduction

An Islandora viewer module using [Mozilla PDF.js](#).

Requirements

- [Islandora](#)
- [Tuque](#)
- [Libraries](#)
- [PDF.js](#)

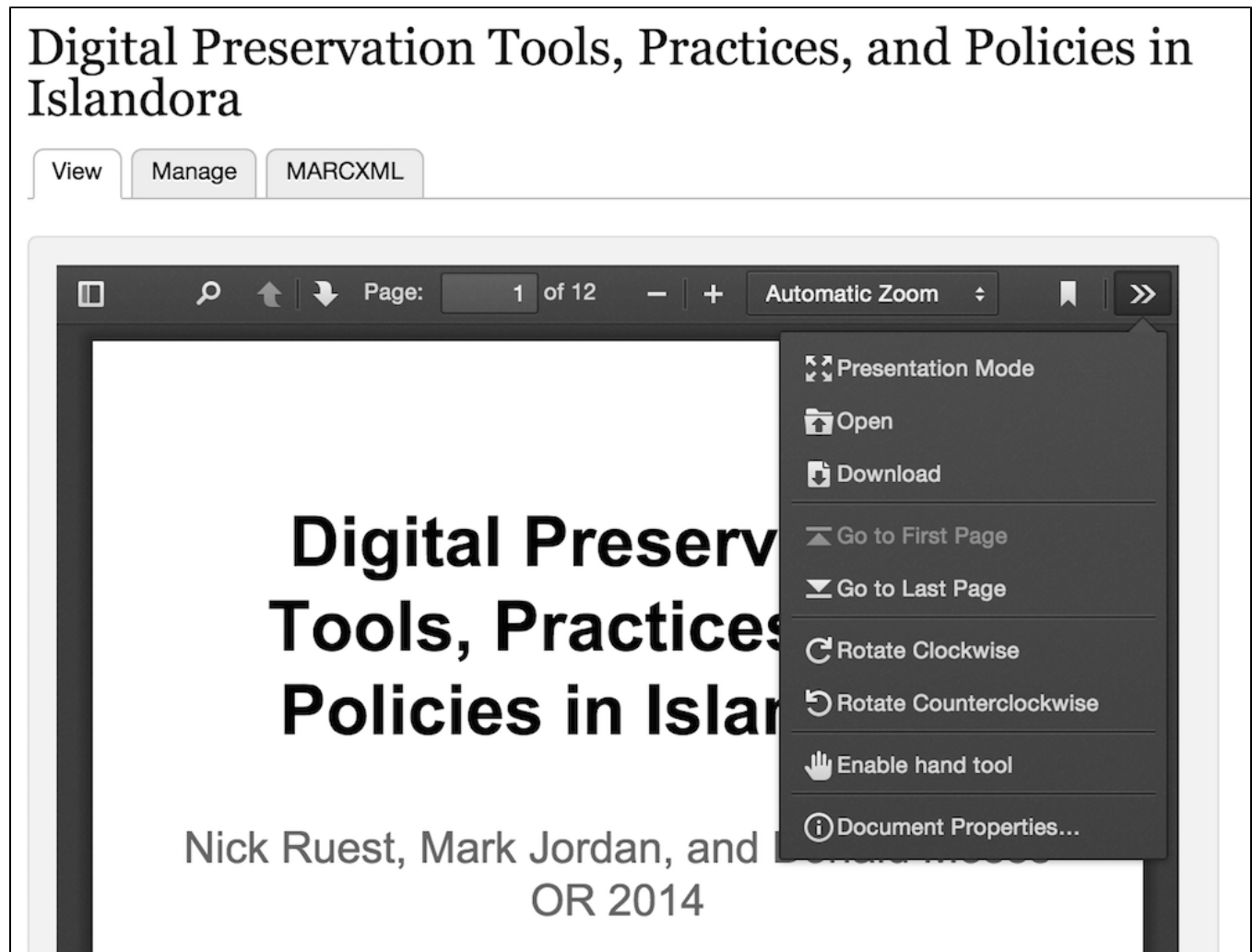
Installation

Install the **Islandora PDF.js** module as usual, see [this](#) for further information.

You also need to [Download](#) and [install the generic build of PDF.js](#) and move the directory to the sites/all/libraries/pdfjs directory, or run `drush pdfjs-plugin`.

If you use the Drush command, ensure that your `.drush` directory contains the install script `islandora_pdfjs.drush.inc`. If it doesn't, move (not copy) that script from the `islandora_pdfjs` module's root directory to your `.drush` folder before you run the drush command.

This is what the PDF frame looks like with the Islandora PDF.js viewer enabled.



Configuration

Currently the PDF.js viewer can be used as the viewer for the [PDF Solution Pack](#), [Book Solution Pack](#), [Newspaper Solution Pack](#) and [Scholar](#).

PDF Solution Pack

- Administration » Islandora » Solution pack configuration » PDF Solution Pack ([admin/islandora/solution_pack_config/pdf](#)).

VIEWERS
Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☒	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

Save configuration

Scholar Solution Pack

- Administration » Islandora » Solution pack configuration » Scholar ([admin/islandora/solution_pack_config/scholar](#)).

VIEWERS
Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☒	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

Book Solution Pack

The PDF.js viewer can be used both as the book viewer and as the page viewer.

- Administration » Islandora » Solution pack configuration » Book Solution Pack ([admin/islandora/solution_pack_config/book](#)).

BOOK VIEWERS

Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☐	Internet Archive BookReader	Internet Archive BookReader.	configure
☒	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

PAGE VIEWERS

Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☒	OpenSeadragon	OpenSeadragon viewer with djatoka as tilesource.	configure
☐	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

Newspaper Solution Pack

- Administration » Islandora » Solution pack configuration » Newspapers (admin/islandora/solution_pack_config/newspaper).

The pdf.js Reader will work as the default viewer for newspapers only if each issue object has a PDF datastream. Otherwise, you may get an error message.

ISSUE VIEWERS

Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☐	Internet Archive BookReader	Internet Archive BookReader.	configure
☒	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

PAGE VIEWERS

Select a viewer

DEFAULT	LABEL	DESCRIPTION	CONFIGURATION
☐	None	Don't use a viewer for this solution pack.	
☒	OpenSeadragon	OpenSeadragon viewer with djabatoka as tilesources.	configure
☐	pdf.js Reader	Mozilla pdf.js Reader.	

Preferred viewer for your solution pack. These may be provided by third-party modules.

Troubleshooting/Issues

- Ensure that the PDF.js library is installed in /sites/all/libraries/pdfjs and the Drupal Libraries module is installed and enabled
- If enabled as the default viewer for the Book Solution Pack, you need to ensure that there is a PDF datastream in the Book object.
 - You can upload your own PDF file or have Islandora create it for you at the time of ingest or post ingest.

25eme anniversaire de prêtre du Tres-Rev. J. A. Gravel, V. G. au Séminaire de St-Hyacinthe, 26 aout 1891

VIEWMANAGEMARCMXMLPAGES

Home » Islandora Repository » Book Collection

OverviewDatastreamsPropertiesBookCompoundCreate Bag(s)Object PolicyPREMIS

+ Add Page+ Add Zipped Pages

Create PDF

Perform OCR

Create Images

Reorder Pages

Delete Pages

You must have both ImageMagick and GhostScript installed to create/combine PDF files. This will also update the PDF datastreams for each Page object.

DPI – Dots Per Inch

300

Set the DPI for the generated PDF. The higher the resolution the longer the process will take.

Create PDF

- Using the pdf.js Reader for Book and Newspaper/Issue objects.
 - If you depend on Islandora to create the PDF files for you it is important to understand that Islandora does not embed text (OCR) inside those PDF files, which means that your users will not be able to use the Acrobat toolbar's Search function to find and highlight hits within these files. If you want to Acrobat's searching function to work, you will need to externally perform text recognition on the PDF files and upload them to Islandora.
- The PDF.js site provides a [list of supported browsers](#) that implementers may want to consult should there be rendering issues.