

Islandora Internet Archive Bookreader

Introduction

A Islandora wrapper for the Internet Archive BookReader.

This module doesn't do much on its own, its assumed that it will be used in conjunction with a solution pack, where it will be provided as a viewer.

Requirements

- [Islandora](#)
- [Tuque](#)
- [Djatoka](#)
- [Islandora Solr Search](#) (Optional)
- [Libraries API](#)
- [Colorbox](#)

Installation

Install as usual, see [this](#) for further information.

Download/clone the [Islandora Internet Archive BookReader](#) to `sites/all/libraries/bookreader`, or run `drush iabookreader-plugin`.

Internet Archive BookReader [Developer documentation](#)

This module requires that you set up Djatoka, please follow the steps outlined at [here](#).

This module requires [Colorbox](#) and its dependant library [Colorbox library](#). Depending on the version of the Colorbox module and library you are using, there can be some issues with Colorbox finding the library. [This](#) comment solves the issue.

Note: If you use the Drush command, it is advisable to Move (not copy) the install script to your `.drush` folder and run it.

Configuration

Set the 'djatoka image compression level', 'Solr field relating pages to book PIDs', 'Overlay Opacity', a content type to be displayed in the IAV, and select the 'Default page view' in Administration » Islandora » Islandora Viewers » Internet Archive BookReader (/admin/islandora/islandora_viewers/internet_archive_bookreader). Additional options involve behavior for mobile users, and using the JPG datastream as a backup in case Djatoka cannot return a JP2.

Note: to use Internet Archive Bookreader as a viewer for Book or Newspaper Solutions Pack, you'll also need to set "djatoka URL" in [Islandora Paged Content](#) config page.

djatoka image compression level

The level of compression djatoka will use when creating images (usually set at 4 or 5).

Solr field relating pages to book PIDs

BookReader needs to know the PID of any book it's searching in, because OCR datastreams are stored in individual pages and not in the book as a whole. This should therefore be set to the page-object-based Solr field that relates it to its parent book's PID.

Overlay Opacity

The opacity of the overlay, when opening the info, fulltext and share dialogs (A number between 0 (fully transparent) and 1 (fully opaque)).

The content type being displayed within the IAV.

This is what will be displayed in the viewer in places such as the info and share dialogs.

Default page view

The number of pages to display by default

☐ Force the Internet Archive Bookreader into full screen for mobile users?

☐ Use the JPG datastream as a backup

Djatoka will not return JP2s smaller than 4096 bytes; by checking this, the bookreader will run a check and use the JPG datastream instead.

NOTE: applying this setting can slow the bookreader down, especially for busy sites or large books. Be sure only to use this if necessary.

Save configuration

Documentation

Further documentation for this module is available at [our wiki](#).

Troubleshooting/Issues

Having problems or solved a problem? Check out the Islandora google groups for a solution.

- [Islandora Group](#)
- [Islandora Dev Group](#)

Maintainers/Sponsors

Current maintainers:

- [Daniel Aitken](#)

Development

If you would like to contribute to this module, please check out [CONTRIBUTING.md](#). In addition, we have helpful [Documentation for Developers](#) info, as well as our [Developers](#) section on the [Islandora.ca](#) site.

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[GPLv3](#)