

IIIF and DSpace

- [DSpace/IIIF Slack Channel](#)
- [Interested Participants](#)
- [Meetings](#)
- [Brainstorming Questions from Terrence W Brady](#)
- [User Story Suggestions from Ben Brumfield](#)
 - [IIIF Presentation API](#)
 - [IIIF Image API](#)

IIIF_Support is available in 7.1 or above. See [IIIF Configuration](#) documentation in the 7.x official docs.

DSpace/IIIF Slack Channel

- <https://dspace-org.slack.com/messages/C4LVB5069>

Interested Participants

Following the DSpace Dev meeting on Mar 15, 2017, this brainstorming page was created. The following people have expressed an interest

- [Claire Knowles](#), University of Edinburgh
- [Scott Renton](#), University of Edinburgh
- [Terrence W Brady](#), Georgetown University
- [Hardy Pottinger](#), UCLA Library
- [Suzanne Chase](#), Georgetown University
- [Susanna Mornati](#) (4Science), 4Science
- [Andrea Bollini](#) (4Science), 4Science
- [Ben W. Brumfield](#), Brumfield Labs
- [Sarah Potvin](#), Texas A&M University

Meetings

- Next Meeting
 - Feb 2018 - TBD
- Past Meetings
 - [IIIF/DSpace Meeting Nov 3, 2017 at 1500 UTC](#)
 - [IIIF/DSpace Meeting Aug 25, 2017 at 1500 UTC](#)
 - [IIIF/DSpace Meeting June 23, 2017 at 15:00 UTC](#)
 - [IIIF/DSpace Meeting April 21, 2017](#)

Brainstorming Questions from [Terrence W Brady](#)

- Would a IIIF server pull resources from DSpace, or does the server provide an alternative view of a DSpace item?
- Can a IIIF manifest be used to express relationships between bitstreams? If so, are all of those bitstreams part of one item?
- I understand that a IIIF server can work with dynamically generated tiles and pre-generated tiles. I assume that a DSpace integration would need to work with either option.
- We would be interested in providing a book reader view through IIIF.
 - Currently, we store PDF bitstreams and use a JavaScript library to render the PDF as a book. These PDFs were generated from TIF files created during digitization.
 - A description of our JavaScript solution: [FlexPaper Document Viewer for XMLUI](#)
 - I presume that we would continue to offer a PDF bitstream for download AND we would generate image tiles from the source TIF files.
- We would also be interested in using the IIIF manifest to give context to a set of bitstreams within an item

User Story Suggestions from Ben Brumfield

From the perspective of a IIIF client trying to reuse material on a DSpace repository, here are the minimum features needed to work

IIIF Presentation API

- A IIIF client sees a top-level collection for the DSpace installation listing communities. Example: [DSpace site](#) mapped to [IIIF collection document](#)
- An IIIF client sees a collection manifest listing sub collections
- An IIIF client sees a sub-collection collection manifest listing items as IIIF manifest links
- An IIIF client sees a manifest corresponding to an item (*TODO real world item with example manifest containing metadata, labels, seeAlso services, and canvases*)

IIIF Image API

- A IIIF client sees available image parameters at by calling info.json on the image service for a single page
- A IIIF client can display a single page image at Level 0 Compliance