Page Turners : The Landscape

Background

Book Reader Bingo: Which Page-Turner Should I Use? by Eben English

- Abstract: http://code4lib.org/conference/2015/english
- Video:

Hydra-Tech Discussions

https://groups.google.com/forum/#!searchin/hydra-tech/page$20turners/hydra-tech/JV9EyBNQckI/2aIIEH7CVkQJ
https://groups.google.com/forum/#!searchin/hydra-tech/page$20turners/hydra-tech/pFIO-iHudQU/Fs_gLuSBKgsJ

International Image Interoperability Framework (IIIF)

See: http://iiif.io/

In short, IIIF is a standards-based approach to serving and presenting images.

IIIF publishes two APIs:

- The IIIF Image API 2.0 defines how image servers should respond to image requests
- The IIIF Presentation API 2.0 defines a json format for expressing information about images and collections of images

Implementing IIIF requires three steps (as described in the IIIF Quick Start Guide)

1. Deploy an image server, such as Loris or IIPImage
2. Publish metadata that conforms to the Presentation API
3. Deploy an IIIF-compliant viewer, such as Mirador, OpenSeadragon, the Wellcome Player, or develop your own.

The IIIF apps & demos page has a good summary of server and viewer options with a note on their IIIF compliance.

Example IIIF Manifests

- http://iiif.io/api/presentation/2.0/example/fixtures/collection.json – a IIIF collection of example manifests that exhibit one piece of functionality each
- http://manifests.ydc2.yale.edu/manifest/BeineckeMS748 – example from Yale
- http://ar.srv-93.unifr.ch/metadata/iiif/bbb-0162/manifest.json – example from e-codices
- http://demos.biblissima-condorcet.fr/iiif/metadata/ark:/12148/btv1b84640102/manifest.json – example from BNF
- http://dams.llgc.org.uk/iiif/4574752/manifest.json – example from NL Wales

Note – some of the manifests above are still version 1.0, but 2.0 is almost backwards compatible.

Hydra (or Ruby on Rails) and IIIF

Notes of discussion at Hydra Connect, January 2014 on Hydra and IIIF

Discussion about IIIF and Hydra Works

DCE have created RIIIF, an IIIF-compliant image streaming rails engine.

OSullivan - a ruby gem by Jon Stroop for producing IIIF Presentation JSON manifests: https://github.com/jpstroop/osullivan

- Gist example: How to create a bare-bones IIIF Presentation Manifest w/ O'Sullivan

Spiiffy - ruby gem for creating IIIF manifests from METS files: https://github.com/pullibrary/spiiiffy

- Wiki: How to Generate IIIF Manifests from METS