SWIB - December 2017

Glen Robson IIIF Technical Coordinator

@iiif_io

slides from Tom Cramer and many others in the IIIF Community
International Image Interoperability Framework

- Mutually usable; simpatico
- Image-based resources: books, images, newspapers, manuscripts, scrolls, maps, music, art, et al.
- APIs
  - Software
  - Content
  - Community
- Global
IIIF Communication Channels

• IIIF Website:  http://iiif.io
• iiif-discuss@googlegroups.com
• Twitter: @iiif_io and #IIIF
• Awesome-IIIF on Github
• IIIF YouTube Channel
• IIIF Events
• Contact me: srabun@iiif.io
Images are fundamental information carriers for cultural heritage.
But image delivery on the Web is...

- hard
- slow
- expensive
- disjointed
- locked up
- siloed
Capabilities
Deep zoom with large images
Cite and share (even regions of interest)
Computed Tomography (CT) scans of the head of a seal from the Wellcome Library

https://wellcomelibrary.org/item/b20433141 | https://wellcomelibrary.org/item/b2043313x
Across sites

Shakespeare-related resources from Oxford, Stanford & Yale

https://digital.bodleian.ox.ac.uk/inquire/p/32bb9aa4-43ce-4bf7-b0fb-c9452ca8e40c
https://searchworks.stanford.edu/view/zj784pt2430
http://collections.britishart.yale.edu/vufind/Record/1667254
Collect items that belong together

Le manuscrit 5 de la Bibliothèque municipale de Châteauroux, c. 1460

Folio in BVMM
Miniature in the BNF
Reunify

http://demos.biblissima-condorcet.fr/chateauroux/demo/
Higher Officials Feel No Misgivings, Despite the Army's Great Setbacks.

Vienna, Austria, April 14.—Not the slightest doubt coils in the minds of Austria-Hungary's statesmen. The correspondent of the Associated Press, in more than a month's stay here, has interviewed many of the leaders of the dual monarchy. All seem supremely confident, despite the enormous setbacks which the empire's armies have received.

"Eight months of war also have proved that all know how to fight and the soldiers of all nationalities have proven no less valor."

"We hope that Americans will come."

---

Vienna, Austria, April 14 Not the
Analyze

Klokan Technology’s Georeferencer
Golgi Complex
Stacked membranous structure responsible for sorting and packaging of lipids and proteins before secretion or compartmentalization.
Crowd Source

National Library of Wales
Enrich

Mirador instances on display at McMullen Museum, Boston College.
All with the application of your choice

Mirador

Universal Viewer

IA Book Reader

Qatar Digital Library
Archival papers shown in 4 different viewers.

http://labs.cogapp.com/iiif
How Does IIIF Work?
IIIF: Two Core APIs

**Image API**
“get pixels” via a simple, RESTful, web service

**Presentation API**
Just enough metadata to drive a remote viewing experience

IIIF: Three More APIs

**Search API**
Search within an object, such as the full text of a book or newspaper

**Authentication API**
To support login, and differential access to resources.

**“A/V API”**
Deliver time-based media (audio, video)