IIIF and Rosetta

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Rosetta Advisory Group Annual Meeting, 2017
University of Sheffield
• IIIF Conference – Impressions & Brief Report
• IIIF Implementation in Rosetta 5.3
“[International Image Interoperability Framework] is a community that develops APIs, implements them in software, and exposes interoperable content.”
IIIF In Use

• Over 335 million images on the web that comply with one or more IIIF APIs

• 40 founding consortium members, over 100 participating institutions

Source: IIIF Community Newsletter 1:3, May 25, 2017
“IIIF is a method for delivery of assets, not storage. Integration with your DAM software is dependent on your DAM provider. The IIIF community encourages DAM software providers to incorporate native IIIF support into their products.”
Solution Implementation Guidelines

- IIIF Standards and recommendations
- Start with the basics
- Single record management
- No data migration
- Turnkey
- Customizable & Extendable
- Integrate with Rosetta Delivery
- Performance
- DRM support
Digital Preservation Aspects

• Delivery by image server reduces/eliminates need for derivatives

• Annotations (!)
Server

• Cantaloupe Image Server (DEL servers)
  • [https://medusa-project.github.io/cantaloupe/](https://medusa-project.github.io/cantaloupe/)
  • ImageMagick & OpenJPEG (can be replaced by Kakadu)
  • Custom resolver for dvs-based access control and caching

• OpenJPEG added to Rosetta 3rd party package
Clients

• “IIIF Viewer” delivers manifest
• Universal Viewer bundled as IE-level viewer
• OpenSeadragon bundled as File-level viewer
  • Can be used to replace jpeg, jp2000 viewers
• Mirador can be installed as an external IE-level viewer
What Do We Need to Do?

• Upgrade to 5.3
• Use HTTPS*
  * IIIF recommendation
• Reconfigure delivery rules
  • OpenSeadragon
  • UV, M irador
• Try it out, evaluate
• Talk to
  • Ex Libris
  • Rosetta community
  • IIIF community
What’s Next?

- Collections
- Discovery
- Annotations
- Search, Authentication APIs
- V3: “Other” content (3D, A/V)