



Report on Preparing Europeana for IIF
involvement Task Force

Appendix B: Frequently Asked Questions

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The Task Force has compiled a list of questions and answers assumed to be useful to address important concerns with respect to the Europeana community. Simple questions are listed first, more complex ones as the list goes on.

1. Is IIF an aggregator? (Question has been copied from the [IIF Museum-specific FAQs](#))

Answer: No, IIF does not aggregate content. IIF defines APIs that allow for interoperability between digital image repositories. Because these APIs are well documented and understood, use of IIF can enable aggregators such as DPLA and Europeana to access your images more easily.

2. What is the relationship between the IIF Presentation API and metadata?

Answer: The IIF Presentation API specifies a web service that returns JSON-LD structured documents that together describe the structure and layout of a digitized object or other collection of images and related content. Metadata in the Presentation API is provided as pairs of human readable label and value to be displayed to the user. Note however that the Presentation API metadata is about presentation semantics rather than descriptive semantics (<http://resources.digirati.com/iif/an-introduction-to-iif/>).

3. What is a Manifest? Are they required by Europeana?

Answer: The JSON-LD that describes the structure and layout of a digitized object is called IIF Manifest. It includes the descriptive, rights and linking information for the object. Europeana accepts IIF objects without manifests (e.g. http://data.europeana.eu/item/2064116/Museu_ProvidedCHO_Nationalmuseum_Sweden_98134).

4. What display metadata can/should be included in IIF manifests? What descriptive properties of the IIF manifest are shown in Europeana? Is the linked structured metadata from the IIF manifests used by Europeana?

Answer:

- a. Metadata with presentation semantics fits in Manifest
- b. None at the moment.
- c. No. Europeana displays metadata obtained from EDM submitted directly.

5. How do you link to structured descriptive metadata from your IIF manifests?

Answer: The linking property “seeAlso” can be used as link to a machine readable document that semantically describes the resource.

(<https://groups.google.com/forum/#!searchin/iif-discuss/seeAlso%7Csort:relevance/iif-discuss/DeLGCqZXJZ0/7RmCMgMBBgAJ>)

6. Does IIF only apply to open access images?

Answer: IIF standards can be applied to both open and restricted digital image content. The IIF Authentication API provides interoperable access to restricted content through client



applications. Europeana also accepts copyright protected images but not behind a paywall, a login or restricted to users present in certain countries..

7. Who provides commercial support for IIIF?

Answer (we do not claim that this list is complete):

- Digirati, <http://digirati.com/>
- Cogapp, <https://www.cogapp.com/>
- Klokan Technologies, <https://www.klokantech.com/>
- Luna Imaging, <http://www.lunaimaging.com/>
- OCLC, <http://www.oclc.org/>
- 4Science, <http://www.4science.it/en/>
- Zegami, <https://zegami.com/>

8. What's the relation between Linked Open Data and IIIF?

Answer: IIIF allows to link to parts of a digital object and add statements about them (annotations), which are expressed as Linked Data. IIIF Presentation API data is represented in JSON-LD, the syntax for Linked Data in JSON.

9. Can I use IIIF to replace OAI-PMH? How are IIIF resources harvested by Europeana?

Answer: As of July 2017, IIIF publication cannot replace submission of metadata to Europeana via OAI-PMH. Case studies in "Metadata aggregation: assessing the application of IIIF and Sitemaps within cultural heritage" explore different approaches with IIIF to replace OAI-PMH. <https://www.slideshare.net/NunoFreire2/iiif-at-europeana-iiif-conference-vatican-2017>

10. What's the EDM IIIF profile?

Answer: In EDM (Europeana Data Model), IIIF resources are represented as instances of the class edm:WebResource. Guidelines for data providers on how to submit their IIIF resources in EDM can be found here:

http://pro.europeana.eu/files/Europeana_Professional/Share_your_data/Technical_requirements/EDM_profiles/IIIFtoEDM_profile_042016.pdf.

11. What does the Europeana IIIF viewer look like? How can I find collections with IIIF content in Europeana?

Answer: The query:

http://www.europeana.eu/portal/en/search?view=grid&q=sv_dcterms_conformsTo%3A*iiif* returns collections with IIIF content in Europeana.

12. What IIIF compliance level is necessary for Europeana?

Answer: A provider may indicate a level of IIIF implementation. All levels (starting with level 0) are currently accepted.