WP 13: Cultural Heritage
Sharing Cultural Heritage Images as Research Data

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WP13: Sharing Cultural Heritage Images as Data

**Position:** Significant international image-sharing communities/platforms have been developed to serve the Cultural Heritage sector and align digital and analogue resources.

*Cultural Heritage metadata standards and systems pre-date the FAIR Principles, and generally align with FAIR.*

International Image Interoperability Framework (IIIF) homepage [https://iiif.io/](https://iiif.io/)
Person entry for Maud Howe Elliott on the Social Networks and Archival Contexts (SNAC) website, [https://snaccooperative.org/view/46328544#biography](https://snaccooperative.org/view/46328544#biography)
WP13: Sharing Cultural Heritage Images as Data

Europeana homepage https://iiif.io/
Digital Public Library of America homepage https://dp.la/
Wikimedia Commons https://commons.wikimedia.org/wiki/Main_Page
Rijksstudio platform at the Rijksmuseum, https://www.rijkspmuseum.nl/en/rijksstudio
What will we produce?

Tasks (13.1-13.3): Mapping and comparative analysis of image sharing practices; recommendations for a harmonised approach to metadata, PIDs; testing and pilot implementation

Deliverables:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>D 13.1</td>
<td>Cultural Heritage Mapping Report</td>
</tr>
<tr>
<td>D 13.2</td>
<td>Cultural Heritage Recommendations</td>
</tr>
<tr>
<td>D 13.3</td>
<td>Final Report on Cultural Heritage FAIR sharing</td>
</tr>
<tr>
<td>M 13</td>
<td>Test ingest</td>
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</table>
How will we engage the community?

**Mapping:** Desk work, interviews, creation of FAIR Implementation Profile(s) for Cultural Heritage

**Analysis:** Create a Working Group to provide feedback on recommendations and implementation plan

**Testing:** Implement the recommendations at the DRI and share our thoughts
Creating a FAIR Implementation Profile for Cultural Heritage Image Data

<table>
<thead>
<tr>
<th>FAIR Principle name</th>
<th>Referring to Metadata/Data</th>
<th>FIP question</th>
<th>FER Enabling Resource used in WP13 Cultural Heritage</th>
<th>Status of Use (Current, To Be Replaced, Future)</th>
<th>Implementation Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>MD</td>
<td>What globally unique, persistent, resolvable identifier service do you use for metadata records?</td>
<td>DataCite DOIs</td>
<td>Current</td>
<td>DataCite DOI resolver</td>
</tr>
<tr>
<td>F1</td>
<td>D</td>
<td>What globally unique, persistent, resolvable identifier service do you use for datasets?</td>
<td>ORCID</td>
<td>Current/Future</td>
<td>The implementation</td>
</tr>
<tr>
<td>F2</td>
<td>MD</td>
<td>What metadata schemes do you use for findability?</td>
<td>ROR</td>
<td>Future</td>
<td>The implementation</td>
</tr>
<tr>
<td>F3</td>
<td>D</td>
<td>What is the schema that links the persistent identifiers of your data to the metadata description?</td>
<td>DataCite Core, Dublin Core, EAD, MARCXML</td>
<td>Current</td>
<td>The DOI links to the dataset</td>
</tr>
<tr>
<td>F4</td>
<td>MD</td>
<td>Which service do you use to publish your metadata records?</td>
<td>DRI</td>
<td>Current</td>
<td>The implementation</td>
</tr>
<tr>
<td>F4</td>
<td>D</td>
<td>Which service do you use to publish your datasets?</td>
<td>DataCite, Europeana</td>
<td>Current</td>
<td>The implementation</td>
</tr>
<tr>
<td>A1.1</td>
<td>MD</td>
<td>Which standardized communication protocol do you use for metadata records?</td>
<td>OAIS/HTTP/REST</td>
<td>Current</td>
<td>For harvesting</td>
</tr>
<tr>
<td>A1.1</td>
<td>D</td>
<td>Which standardized communication protocol do you use for datasets?</td>
<td>HTTP</td>
<td>Current</td>
<td>The implementation</td>
</tr>
</tbody>
</table>
Digital Repository of Ireland

45 member institutions across Ireland contributing data from the Arts, Social Sciences and Humanities

Trustworthy Digital Repository (TDR): Core Trust Seal Certified, FAIR-enabling

Data from the cultural and cultural heritage sectors (used by researchers)

Data from research in AHSS (created by researchers)
Where do we see potential areas of interest emerging?

❖ Original objects are not always accessible, and accessibility is not the same thing as reusability.
❖ Combinations of standards and local implementations are going to be the norm, not the exception.
Where do we see potential areas of interest emerging?

- Some important FAIR practices are not researcher-facing, and the researcher experience is filtered through a user experience.
- The relationship between the image and the metadata is not always clear.
- Linked Open Data - when is a vocabulary not just a vocabulary?
What have we learnt about the FAIRness of our domain?

❖ The cultural heritage sector already engages in many FAIR-aligned practices
  ➢ metadata standards are already interoperable ✓
  ➢ Rights and usage licenses are communicated ✓ (but not always clearly ✗)
  ➢ DOIs, unique identifiers, andpermalink links are standard practice for sharing digital objects ✓
  ➢ not all information documented is publicly available ✗
  ➢ data often gets catalogued in the aggregate and does not always travel with individual objects ✗
  ➢ it is unclear how to describe manual processes, like ad-hoc user authentication, or the use of local authority files ✗
  ➢ some FAIR enabling resources are not meant to be used on their own ✗