Federico Zeri (1921–1998) was one of the most important art historians of the 20th century. He created one of the world’s largest private photo archives, especially focused on Italian painting. The Federico Zeri Foundation undertook the cataloguing of Zeri’s collection in 2003.

Two national cataloguing standards have been used to describe the photos and the depicted artworks. Data have been stored in a RDB and are accessible by means of a web interface.

In 2013, the PHAROS Consortium - an international consortium of 14 photo archives based in Europe and the U.S. - proposed to create a common platform for research on images of artworks. A representation of Zeri’s data as a RDF Dataset was the next best step to increase the impact and the usefulness of the collection.

The Zeri Photo Archive

to publish Zeri’s RDF data according to

- standard de facto in the cultural heritage domain
- and the chosen model for sharing PHAROS members’ data

1. to complete the mapping F/OA to RDF
2. to convert all the catalog entries to RDF according to the mapping
3. to consider different content and cataloguing standards for describing photos and artworks
4. to consider different models for enhancing the RDF representation
5. to integrate data with stakeholders’ ones
6. to test benefits when comparing contradictory attributions on the same object

290,000 photos, the Art library (46,000 volumes) and 37,000 auction catalogs

Scheda F (F Entry) & Scheda OA (OA Entry)
metadata content standards for describing, respectively, photographs and artworks

SPAR ontologies
- F will be the SWRL version
- the SPAR ontologies-
  - with new properties of typed irIs and sources
  - for RDF expressions
  - is a data-centric approach

mapping F/OA to RDF
mapping fields of Scheda F and Scheda OA to CIDOC-CRM and the related models

HiCo ontology
outside HiCo strategy
- two metadata levels of presentation
  - 1. what said that? and where?
  - 2. who said it?
- motivations, sources, detailed documentation and 2 examples of usage (irIs)

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methodology
- SAMHO - Simplified Agile Methodology for Strategy Development
- a data-centric approach
- 1. creation of metadata
- 2. test of the new metadata
- 3. test of the new metadata
- 4. proving the metadata

domain ontologies
1. CIDOC CRM
2. SPAR ontologies
3. HiCo ontology
4. RDF
- introducting the SWRL version

reuse
- to complete the mapping F/OA to RDF,
- to consider different content and cataloguing standards for describing photos and artworks
- to consider different models for enhancing the RDF representation
- to go beyond basic content standards
- to ensure the model/metadata and to integrate cultural heritage domains

F Entry & OA Entry ontologies
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