# Bibliotheca Hertziana Fotothek (Fototeca): Database introduction

### Structure

The online catalogue of the photo collection is available here: <http://foto.biblhertz.it>. The data set is an edited XML export of data from a local database with additional index lists. Original data can be found in the example export: **combined.xml** (from *COMBEXP\_20200901-200547159.zip*). It contains the Hertziana photo descriptions as children of each object (art work). See more: <https://github.com/hertzphoto/RomaFototeca/tree/master/documentation>

The data is edited with „Advanced Publishing System“ <https://www.aps-info.de/> and all data can be used live from the OAI Repository <https://oai.biblhertz.it/foto/oai-pmh?verb=ListSets>, information about the sets, identifiers and records, see: <https://github.com/hertzphoto/RomaFototeca/blob/master/documentation/oai-pmh.md>

Example: view-source:https://oai.biblhertz.it/foto/oai-pmh?verb=GetRecord&identifier=oai::obj::08127672&metadataPrefix=raw

Each object or photo can be presented in a variety of views:

* Original OAI-PMH XML: <https://oai.biblhertz.it/foto/oai-pmh?verb=GetRecord&identifier=oai::obj::08127672&metadataPrefix=raw>
* XSL transformed HTML: <https://foto.biblhertz.it/exist/foto/object.xql?id=08127672>
* Transformed JSON: <https://foto.biblhertz.it/exist/foto/object-bhrom.json?id=08127672>
* IIIF Mirador viewer (beta): <http://dlib.biblhertz.it/mirador/index.html?manifest=https://foto.biblhertz.it/exist/foto/bhim00034167/manifest.json>
* IIIF manifest (beta): <https://foto.biblhertz.it/exist/foto/bhim00034167/manifest.json>

### Contents

See also: <https://github.com/hertzphoto/RomaFototeca>. All database contents are following the rules from a (German) MIDAS handbook by Bove/Heusinger/Kailus <http://archiv.ub.uni-heidelberg.de/artdok/3770/> and contain photo and object information on all kinds of artworks (architecture, paintings, drawings, prints, sculptures etc.), mostly from Italy. Each year new documents are added to www.**bildindex**.de and partially to different providers: www.**arthistoricum**.net, www.**deutsche-digitale-bibliothek**.de, www.**graphikportal**.org and soon at **PHAROS**artresearch.org.

There are ca. 389‘000 image data sets with ca. 286‘000 digital images available (scans from photo prints or negatives and digital photographs). A further scan project 2020/2021 will deliver the scans (> 600.000 images) of the whole photographic collection and add brief meta data. Both datasets from the catalogue and the project have to be merged at the end of the project. Example images: bhim00034167 (color, tif, „born digital“), bh020001, bh162465, bh162466, bh162527, bh591693 (b/w, jpg, scans from photo prints). Example object from OAI-PMH: oai-pmh\_obj-08127672.xml.

*C. Glorius, 2 Sept 2020*