

What does Qulto platform provide for its customers in the field of BIBFRAME based services?

The developers of Qulto platform have been working for public collections for 25 years, so our first applications were planned and developed according to the standards and structures of the previous century. During our developments the company is following the changing demands, so in the case of our essentially MARC based systems we have gradually been changing to the storing a semantic network - testing the limits of MARC standards - using relational databases for storing.

Now, we support our MARC based integrated collection management systems for libraries and museums, and knowledge organisation systems using MARC tagging. Using our products, our customers possess databases with millions of records structured in our data formats in various kinds of collection types. We can produce BIBFRAME views from them on request.

Three examples:

- For the Library of the Hungarian National Museum a Bibframe view was prepared from OPAC, using the achievements of the Aliada project:

http://catalog.library.hnm.hu/mnm/index.jsp?lang=en&page=details&dbname=database&bib1id=4&bib1field=0&record_format=long&term=MNMKVT213777

<http://data.hnm.hu/doc/colls/lib/bib/Instance/MNMKVT75747>

- For the common website of the museums of the Malopolska region of Poland a BIBFRAME authority export was prepared.
- Beside that a BIBFRAME export was prepared for Petőfi Literary Museum for the authority database of personal names.

Developments of Qulto

Qulto platform is being developed with the goal of directly supporting the description of the entities and relations of the BIBFRAME model, which results in a native semantic catalogue and cataloguing module. We would like to make use of the knowledge gained in this field during the development of the open FOLIO platform as well.

We are committed to this development, looking forward to the changing challenges of the digital age. In the following decades the metadata of public collection catalogues, both from digital library catalogues and digitized inventory books of museums, the enriched authority data and other additional information units helping the customers searching in the databases, and the full text contents of the attached files should be linked into one semantic network for the online services and for the long time digital information preservation as well. So the systems should be able to produce all kinds of outputs for open interfaces or data exchange formats, and also it should be possible to prepare a database for migration without information loss in the future. For identifying the network elements and the links a BIBFRAME based data structure seems also very useful.

Nevertheless, we have to emphasize that for the raising demands a data structure or data format cannot be the solution itself, these are only tools for creating the fully segmented, qualified, tagged network of marked and joined metadata records. If this semantic network exists (as in the databases of our products), from the database any kind of semantic outputs can be prepared.