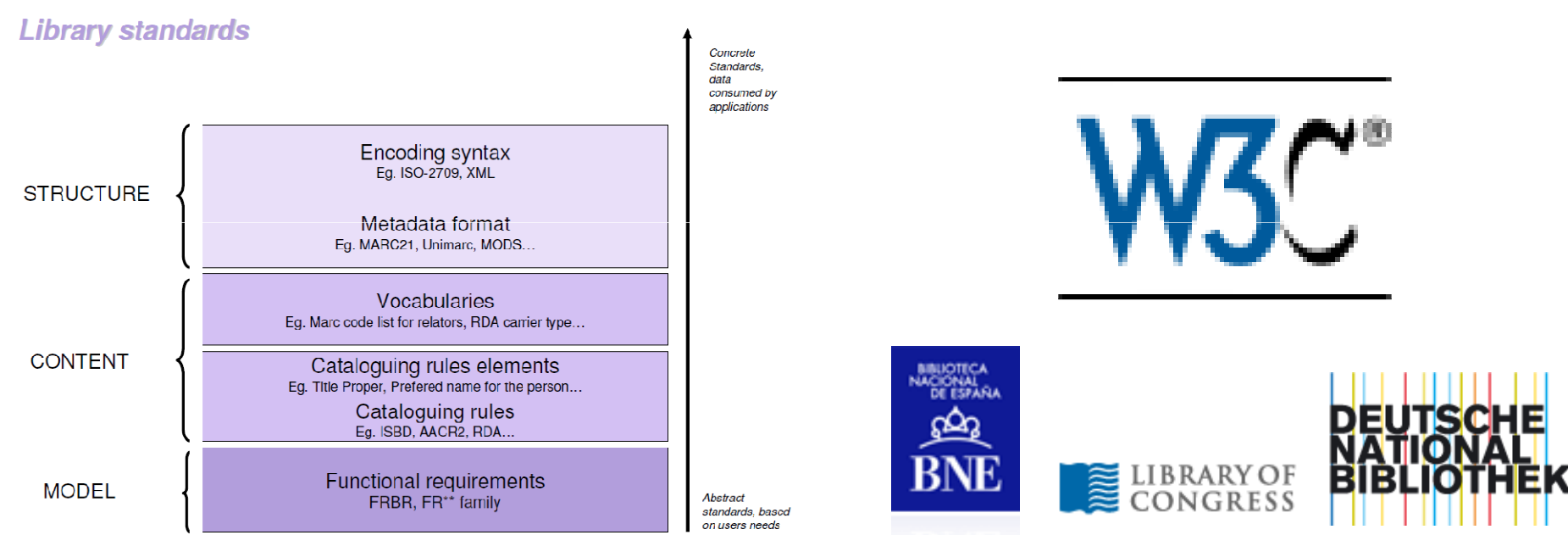


Motivation and Background

With the aim of increasing interoperability, visibility and enrichment of their metadata, there is a growing interest from libraries, museums, archives and other cultural heritage institutions on publishing their catalogues and associated metadata under the Linked Data principles.



MARC Mappings and transformations

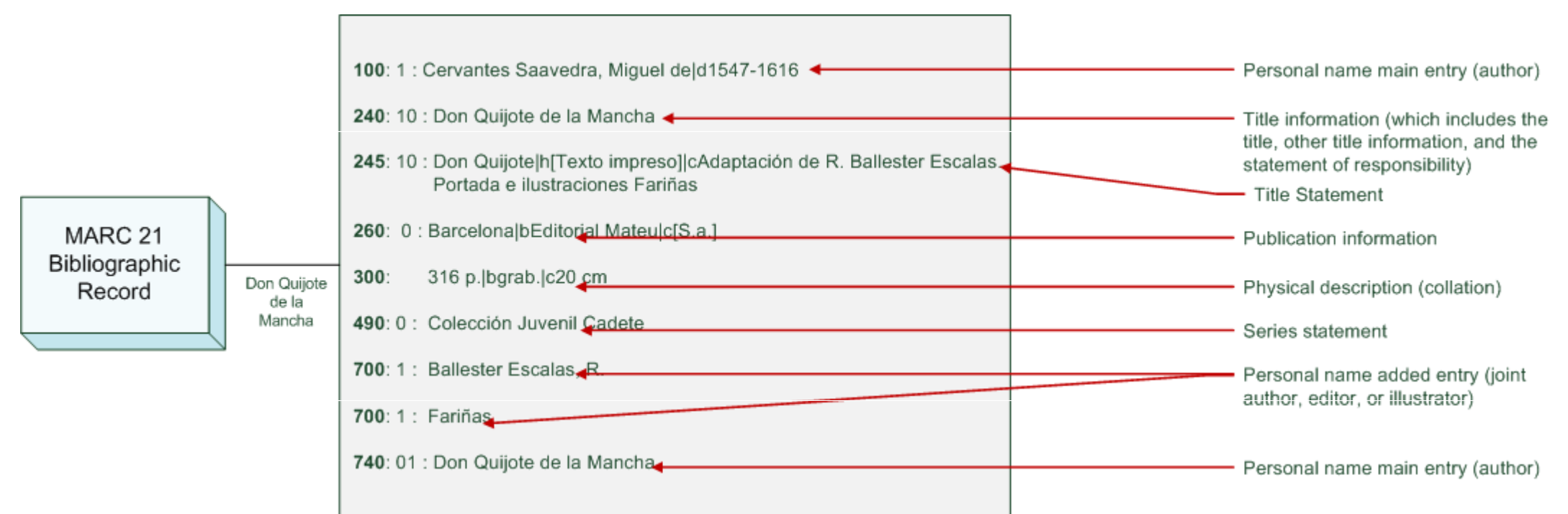
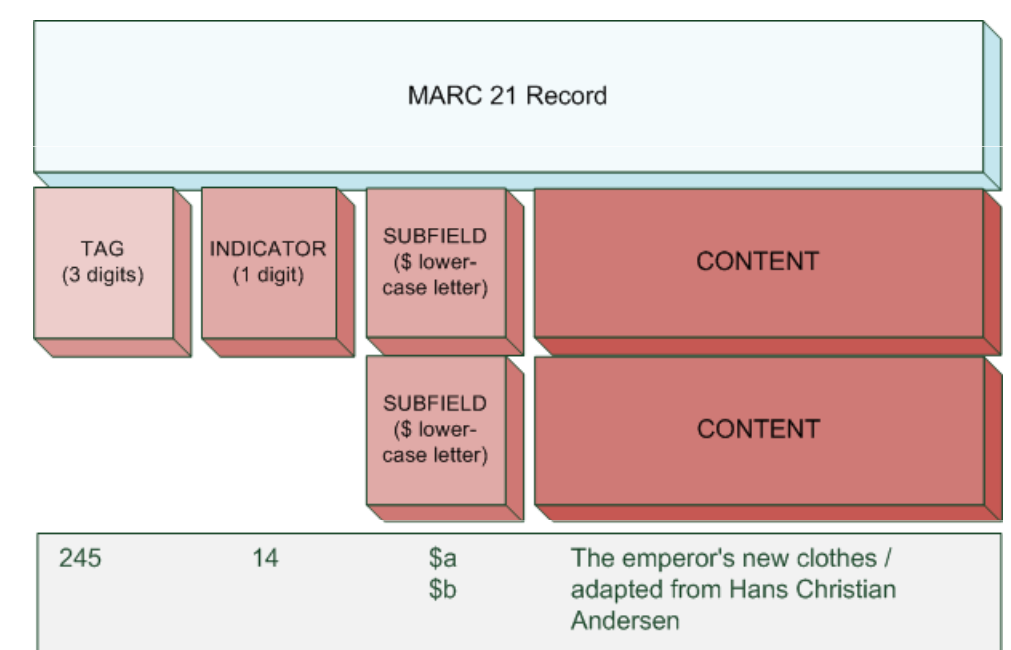
There has always existed a necessity of mapping and transforming MARC records to other formats and schemes, always with the goal of increasing interoperability between different institutions and with the aim to adapt to the new models and changing user needs.



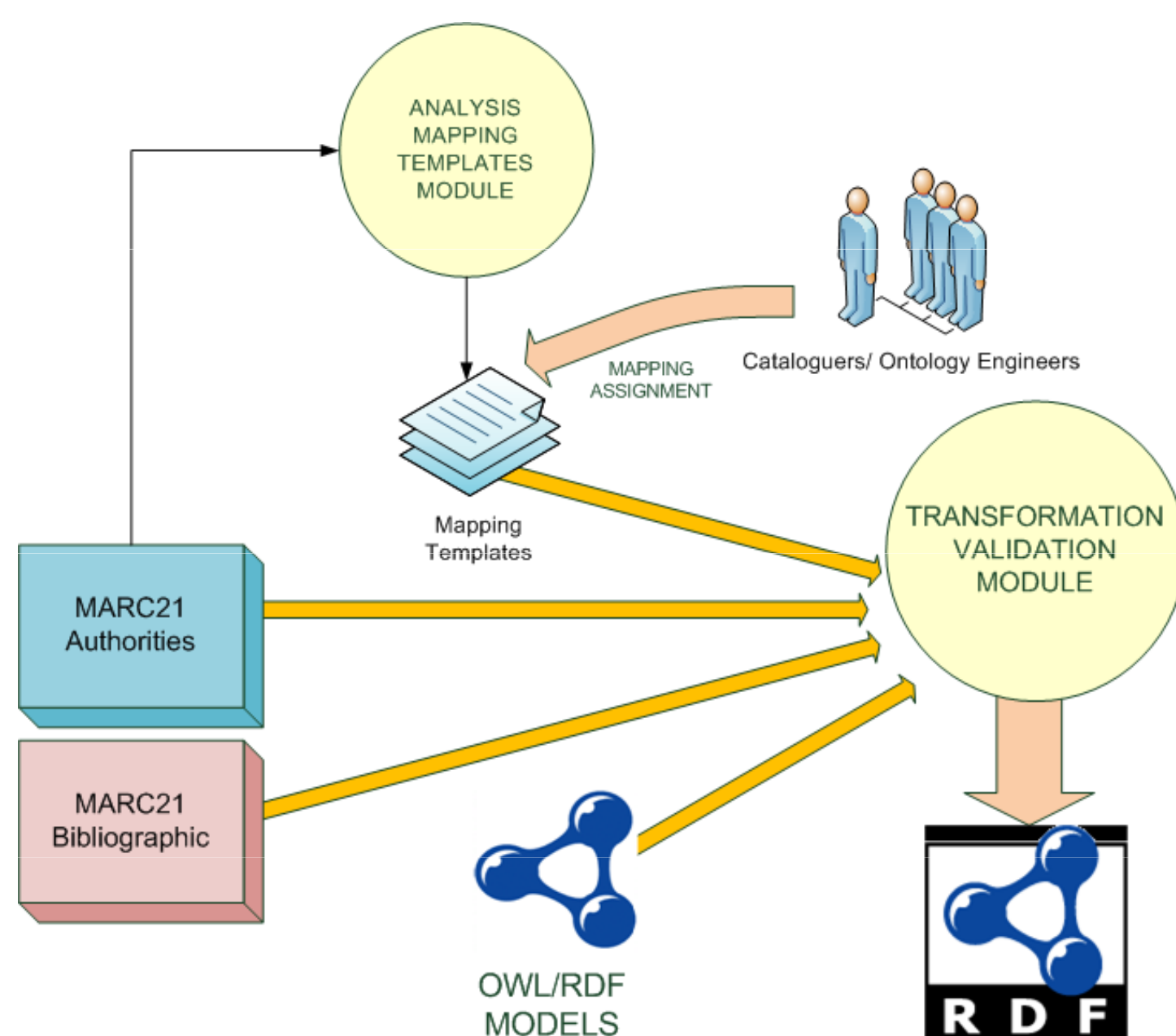
Marc Standards

MARC is an acronym, used in the field of library science, that stands for MACHine-Readable Cataloging. The MARC standards consist of the MARC formats, which are standards for the representation and communication of bibliographic and related information in machine-readable form, and related documentation. MARC standards cover the following formats:

- Bibliographic
- Authority
- Holdings
- Classification
- Community Information



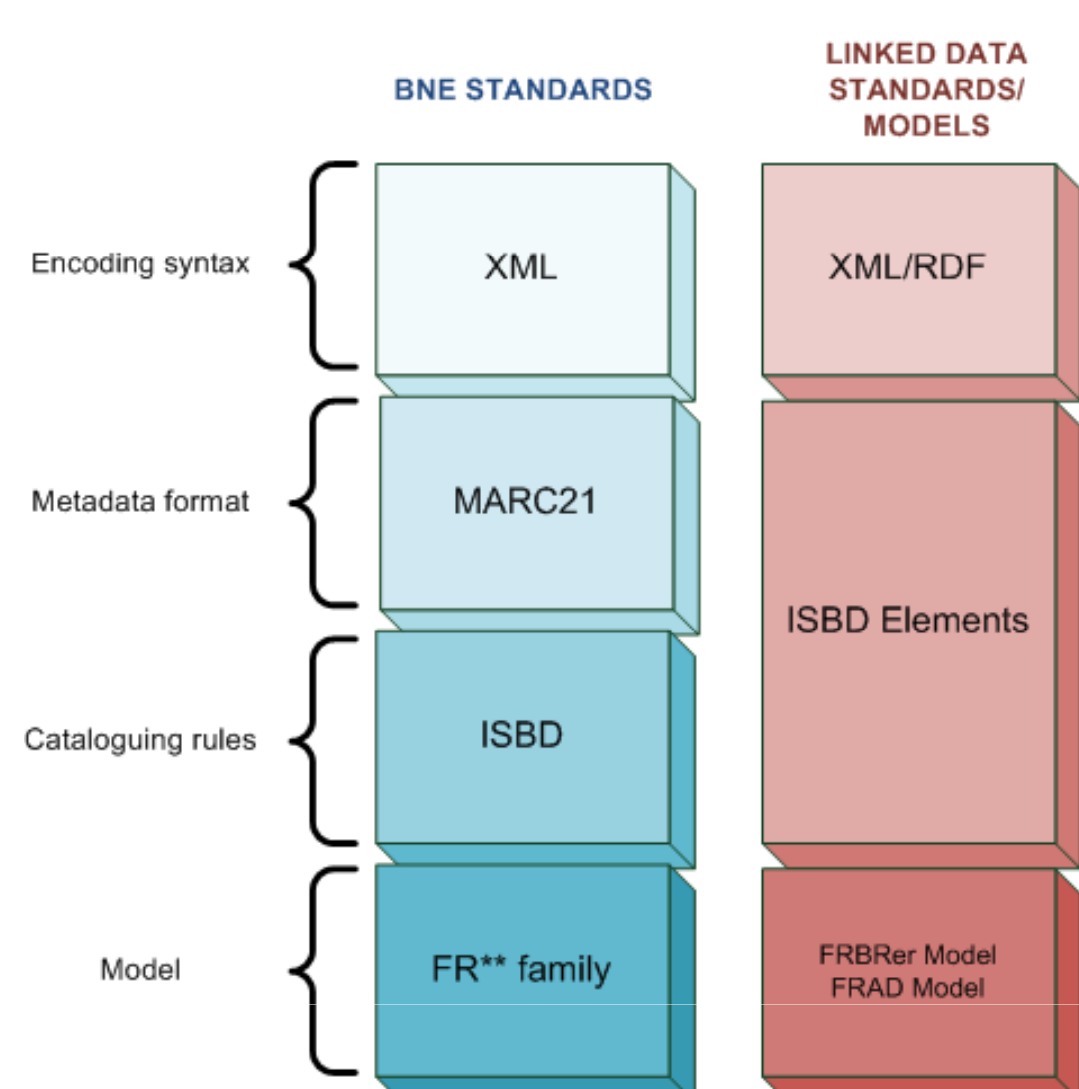
MOMO architecture and process



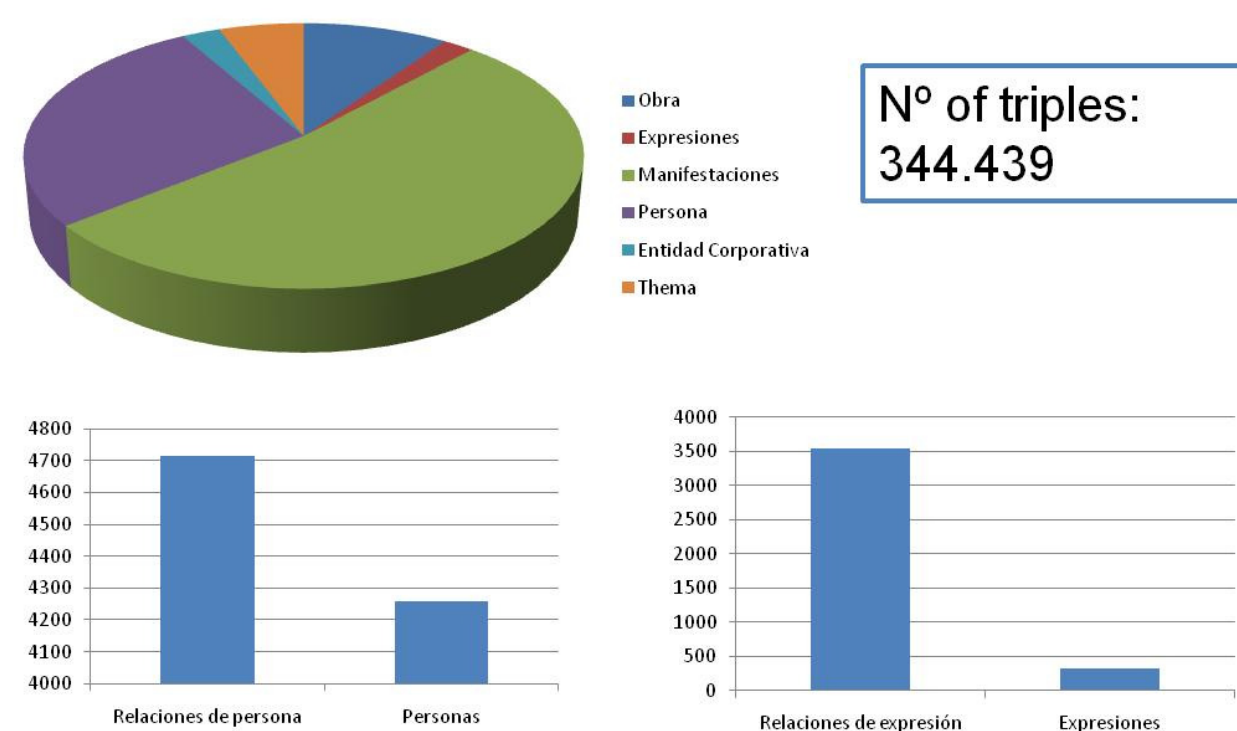
The MOMO tool helps cataloguers and ontology engineers during the whole mapping, data integration and transformation process by providing the following:

- MARC source records analysis and mapping templates generation, based on the source data.
- Enables the selection of different models and vocabularies.
- Fine grained and flexible mappings, using non-complex syntax and formats
- Once the mappings are completed, MOMO validates them reporting on possible errors.
- Taking chosen models and vocabularies, validated mappings and source MARC records, MOMO generates RDF data “LOD principles” compliant.
- MOMO maximizes the relations between source data and facilitates the linkage to other datasets in the LOD cloud.

A Use Case: Biblioteca Nacional de España



- Collaboration between OEG, BNE and IFLA
- Models: FR* Family and ISBD
- Cervantes related authority and bibliographic records



http://cultura.linkeddata.es/BNE/resource/C1002/XX2348708	
Property	Value
is a <i>frbr:P2001</i> of	<ul style="list-style-type: none"> <http://cultura.linkeddata.es/BNE/resource/C1001/XX1924322> <http://cultura.linkeddata.es/BNE/resource/C1001/XX2348574>
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<i>frbr:P3011</i>	Alemán

