Table 2
Mapping of FRBR to MARC Data Elements

Purpose

The tables that follow map the entities, logical attributes, and relationships defined in the model developed for the IFLA study on the Functional Requirements for Bibliographic Records (FRBR) to data elements contained in the MARC format. The mapping is part of a functional analysis of the MARC format that is intended to serve as a means of establishing a frame of reference for future development of the format. More specifically, the analysis is intended to provide a tool that will serve to relate the design of the format, at a logical or conceptual level, to the design of the descriptive standards that govern the key data content of the MARC record. The project will serve as well to provide an analytical focus for a number of critical issues related to the description of electronic resources and the use of MARC data in a cross-sectoral networked environment.

Scope

The tables list the entities, attributes, and relationships defined in the FRBR model that have corresponding data elements defined in the MARC bibliographic and holdings formats.

Symbols

≈	A wavy equals sign indicates an inexact correspondence between the entity attribute or relationship defined in FRBR and the corresponding MARC data element. The anomaly is explained in an accompanying footnote.
⇨	An arrow indicates that the MARC data element pertains to an attribute of a related entity, not the entity that is the primary focus of the record, or to a relationship between that entity and a related entity.
?	A question mark indicates that clarification is required on the nature or scope of application of the MARC data element before its correspondence to FRBR can be confirmed.

Terminology

The names of FRBR entities, attributes, and relationships are taken directly from the FRBR model. In some cases they have been abbreviated or shortened to fit within the layout of the table.

The names of MARC data elements are taken directly from the format documentation. In some cases they have been abbreviated or shortened to fit within the layout of the table.

References

Functional Requirements for Bibliographic Records (München: Saur, 1998)
–http://www.ifla.org/VII/s13/frbr/frbr.pdf

MARC 21 Format for Bibliographic Data
–http://www.loc.gov/marc/bibliographic

MARC 21 Format for Holdings Data
–http://www.loc.gov/marc/holdings