

Functional requirements of authority data (FRBR-FRAD-FRSAR)

Maja Zumer, Professor, University of Ljubljana, Slovenia
Eeva Murtomaa, Librarian, National Library of Finland

The bright new future by means of three models for creating a theoretical framework is described. These models are called FRBR (Functional Requirements for Bibliographic Records), FRAD (Functional Requirements for Authority Data) and FRSAR (Functional Requirements for Subject Authority Records). These three models are based on the user-focused strategy by defining the functional requirements of bibliographic-, authority- and subject records. For this framework the full range of entities that are of interest to the users, as well as the attributes with those entities, and the relationships between entities are given. The entity-relationship model is designed to help the users to navigate in the bibliographic universe. Some implementations of the existing models and recent developments as well as two conceptual models of the cultural heritage sector is described. Aggregates offer a new possibility to treat works independent of their manifestations. The work concerning aggregates is shortly presented.

FRBR, FRAD, and FRSAR support the idea to have access e.g. to the content of the works and to creators of the works in the language, script and form, which is most convenient for the user. Next steps and potential of förbörizing concerning national bibliographies, portals and intellectual rights management are given. In addition the model offers new possibilities for interoperability within the library community and beyond.

The data modeling technique used in FRBR, FRAD and FRSAR is open for future systems.