

**Abstract (in English):**

The diploma thesis deals with the conceptual model functional requirements for bibliographic records and its implementation or FRBRisation of library information systems abroad. The introduction of the thesis presents in brief the FRBR conceptual model and its family. The second chapter discusses the development of FRBRisation activities since the creation of the FRBR study to the present. The third chapter presents a more detailed description of the FRBRisation process and presents the benefits and challenges of these projects. In connection with this, the impact on cataloging standards and data structures is also mentioned, as well as the currently debated issue concerning the possible ways of presenting the FRBRised data. The last chapter of the diploma thesis contains analysis and comparison of two selected FRBRised systems (BORÉAL union catalog and Primo discovery system), with emphasis on the means and scope of FRBR implementation and user interface.