

## Abstract:

This dissertation focuses on the data exchange bibliographic formats that have been used in the libraries since the 1960s. There have not been many changes over the decades although librarians have been calling for them. Since the beginning of the new millennium, there has been a growing pressure for change. The aim of this dissertation is to try to summarize the activities in this field and to outline possible future development. The formats used in the past and in the present are analysed in the first part. It is possible to predict the future development on the basis of the analysis of individual projects and on the basis of surveys. The results of the analysis suggest that these activities are headed to a linked data publication model that preserves the current cataloguing procedures.

Keywords: exchange formats, bibliographic data, MARC format, MARC 21 format, linked data, BIBFRAME, Schema.org, cataloguing