MARC, BIBFRAME and Linked Data

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The problem with MARC

MARC, developed in the 1960s before the Internet, was designed primarily for print materials and was not created with the current digital environment in mind. MARC records do not blend with other systems easily, making it challenging for libraries to share data or integrate with other services.

1

What is BIBFRAME?

BIBFRAME is a Linked Data model and vocabulary for bibliographic data. It was developed by the Library of Congress for describing and organizing library resources. It is a set of rules and formats for creating, organizing, and sharing information about library resources, such as books, articles, and websites, in a structured way that allows machines to understand and process the information. BIBFRAME enables libraries to better manage, share, and connect library resources. BIBFRAME makes information easier to find and use.

2

What is Linked Data?

Linked Data is a way of connecting different pieces of information on the web. It allows different sources of data to be linked together, so that a computer can quickly and easily understand the relationships. For example, if you are searching for a movie, Linked Data can display the title of the movie to its director, cast, and reviews.

3

How do search engines use Linked Data?

Search engines use linked data to provide more relevant search results. It also enriches the search experience by providing additional data points such as related images, videos, and other related content. By using linked data, search engines can better index content and introduce features such as search suggestions and related queries.

4

What is BiblioGraph by EBSCO?

BiblioGraph is an online tool for librarians. By subscribing, your library automatically joins an open data network that expands library visibility through a collaboration of thousands of libraries and their service providers. BiblioGraph brings web users to your catalog by transforming your MARC records to BIBFRAME, a Linked Data technology. Share collections on websites or social media platforms with the embed tool and monitor where your catalog visitors are coming from.

MARC, BIBFRAME and Linked Data will **help users answer questions** they never knew.

Learn more about BiblioGraph

Learn more