



Linked
Data
Ecosystem

THE COLLABORATIVE APPROACH TO LINKED DATA AND KNOWLEDGE SHARING

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*Working together, we
can enhance catalogues,
improve the visibility of
collections and provide a
better user experience for
patrons.*

The Share Family is a global community built on collaboration that brings together libraries, archives, museums, consortia and Library Service Platforms (LSP) and joins their knowledge in an ever-widening network of interconnected bibliographic data.

The Share Family...



supports its members in the transition from traditional cataloguing environments to innovative models based on linked open data and collaborative entity management



connects, enhances and extends networks of information



enables its members to keep pace with web technology as it evolves

The Share Family creates connections across the bibliographic catalogues and authority files of libraries with similar characteristics and focus areas in shared discovery environments that are tailored to each specific domain or discipline.

The concept behind the Share Family originates in Share-VDE, the practical continuation of an initial pilot project which began in October 2016. Thanks to the active involvement and collaboration of a group of prominent North American and European national and research libraries, Share-VDE has evolved to become a real and effective environment for library linked data, with an advanced, collaborative entity management system and entity discovery portal.

By working together, Share Family member institutions and consortia organizations are actively involved in shaping the future of the emerging ecosystem of bibliographic data in linked data, facilitating the re-use of enriched and structured data and serving the research community with a new generation tool to access knowledge.

FLEXIBLE
SUSTAINABLE
INTEROPERABLE

The technology behind the Share Family is the LOD Platform, an innovative framework developed specifically for the conversion, structuring and re-use of bibliographic data in linked open data, according to the BIBFRAME data model.

The LOD Platform enables you to...



harness the potential of linked open data to connect and present bibliographic information in dynamic formats



benefit from access to advanced tools that allow direct interaction with bibliographic data



enhance the visibility of your resources, including those that may previously have remained undetected in a traditional catalogue

Interoperable across library types and LSPs, the LOD Platform offers a range of services, applications and technology, which can be used to:

- convert library catalogues from MARC to linked open data
- enrich original MARC data
- reconcile and clusterize entities created through entity resolution processes guarantee the quality and authoritativeness of data also through new forms of collaborative endeavour
- deliver converted and enriched data for reuse in local or external systems
- publish library records in linked open data on an advanced entity discovery platform
- facilitate the interoperability among different data models and data pools

Each institution receives the information corresponding to its own catalogue in linked open data.

Library consortia and Library Service Providers may also benefit from integration and interoperability with the Share Family, without sacrificing control of their own metadata.

The Share Family opens the door to a flexible, sustainable, interoperable and cooperative approach to bibliographic data, with time, expertise and costs shared across the community for the benefit of all members and their patrons.

Becoming part of the global Share Family of libraries, museums and archives means embracing the opportunity to be involved in a growing international community, creating dialogue, participation and partnership.

By libraries, for libraries

VISION

Developed and driven by libraries, for libraries, the Share Family is guided by the international library community through a constant exchange of ideas and principles that, together, define the vision, aims and progress of each environment and its tools.

The Share Family collaborates on the application and understanding of linked data with the Linked Data for Production (LD4P) initiative, the Program for Cooperative Cataloging (PCC) and several international networks across the cultural heritage sector.

ADVOCACY

The Share Family and opportunities for collaboration with the Share Family are promoted by international bibliographic agency and leading library supplier, Casalini Libri.

DEVELOPMENT

The LOD platform is developed and maintained by @Cult, ILS provider and software house specialising in the design and creation of solutions for information management and knowledge sharing.

EVOLUTION

As members of the Share Family, participating institutions play an active and collaborative role in defining and designing the tools that will be used in their own libraries, from theory to implementation.



Scan the QR code for more resources.

Contact us at info@svde.org to get involved!

Collaborative Environments within the Share Family

Share-VDE: Virtual Discovery Environment in Linked Open Data

The collective Linked Open Data (LOD) catalogue of a growing number of leading academic and national libraries from across Europe and North America.

Share-Catalogue: Scholarly Heritage and Access to Research

The joint LOD platform for a network of Italian university libraries.

Program for Cooperative Cataloging (PCC) Catalogue in Linked Open Data

The open pool of PCC-quality BIBFRAME data.

National Bibliographies in Linked Open Data

The aggregation of data from National Bibliographies in a shared entity discovery environment; the first of these is the British National Bibliography, soon to go into production.

Parsifal: Integrated Catalogue in Linked Open Data

The LOD portal of the URBE consortium (Roman Union of Ecclesiastical Libraries).

Kubikat: Linked Open Data pilot project

The LOD portal for the catalogues of Kubikat Art History libraries.

Share-Art, Share-Music and Share MIA

Three pilot projects for shared environments in the domains of Art, Music and Manuscripts, Incunabula and Ancient books, respectively.