Share FAMILY

Linked Data Environment

... AND WHAT IF KNOWLEDGE WERE ~~OWNED~~ SHARED BY LIBRARIES?

What if you could work with other libraries to enhance your catalogue, improve the visibility of your collections and provide a better user experience for your patrons?

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The **Share - Linked Data Environment** is a global family built on collaboration that brings libraries, archives and museums together with a common goal and joins their knowledge in an ever-widening network of inter-connected bibliographic data.

Libraries, archives and museums hold a vast quantity of data and resources that, until now, have often remained hidden from sight in catalogues and archives. By implementing the BIBFRAME data model and facilitating the interoperability with IFLA LRM, Share - Linked Data Environment transforms bibliographic information into Linked Open Data, revealing it to a wider audience and encouraging greater engagement with library, archive and museum collections.

Linking bibliographic data and resources from a network of libraries increases the dissemination and discoverability of research knowledge and allows patrons to search in the data of a range of libraries at once.

Share - Linked Data Environment...

supports libraries, archives and museums in the transition from traditional cataloguing environments to innovative models based on linked open data

harnesses the potential of linked open data to connect and present library information in dynamic formats

enhances the visibility of all library resources, including those that may previously have remained undetected in a traditional catalogue

Thanks to innovative technology, the Share - Linked Data Environment can:

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

The benefits for your library?

Enriched library data deliver wider-ranging and more detailed search results to patrons, while the advanced entity discovery interface improves the user experience.

You remain in control of your own data: each individual library receives the information corresponding to its own catalogue in linked open data and this may be re-used according to local requirements and with no restrictions.

Developed in close collaboration with, and still guided by, the international library community, Share opens the door to a flexible, sustainable and co-operative approach to library data.

We collaborate with the Linked Data for Production (LD4P) initiative and the Program for Cooperative Cataloging (PCC) on the application and understanding of linked data.

The Share Family...

creates connections based on the focus areas of libraries' bibliographic data, enhancing and extending networks of information

provides librarians and information professionals with advanced tools that allow direct interaction with bibliographic data

enables libraries, archives and museums to keep pace with web technology as it evolves

The concept behind the Share family originates in Share-VDE (Virtual Discovery Environment), 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 from a Research and Development project to become a real and effective environment that puts linked open data for libraries into practice. The role of Share-VDE in linked open data for libraries is outlined in detail in the Share-VDE Statement (https://bit.ly/SVDE-Statement-2021).

Share-VDE 2.0, which includes an advanced linked open data management system and entity discovery portal, is launched in stages, with the first official release in September 2021.

Building on the approach defined within Share-VDE, the Share family brings together the bibliographic catalogues and authority files of libraries with similar scope in shared discovery environments; its principles are tailored to specific domains or disciplines to accommodate their distinct characteristics, systems, habits and cataloguing traditions.

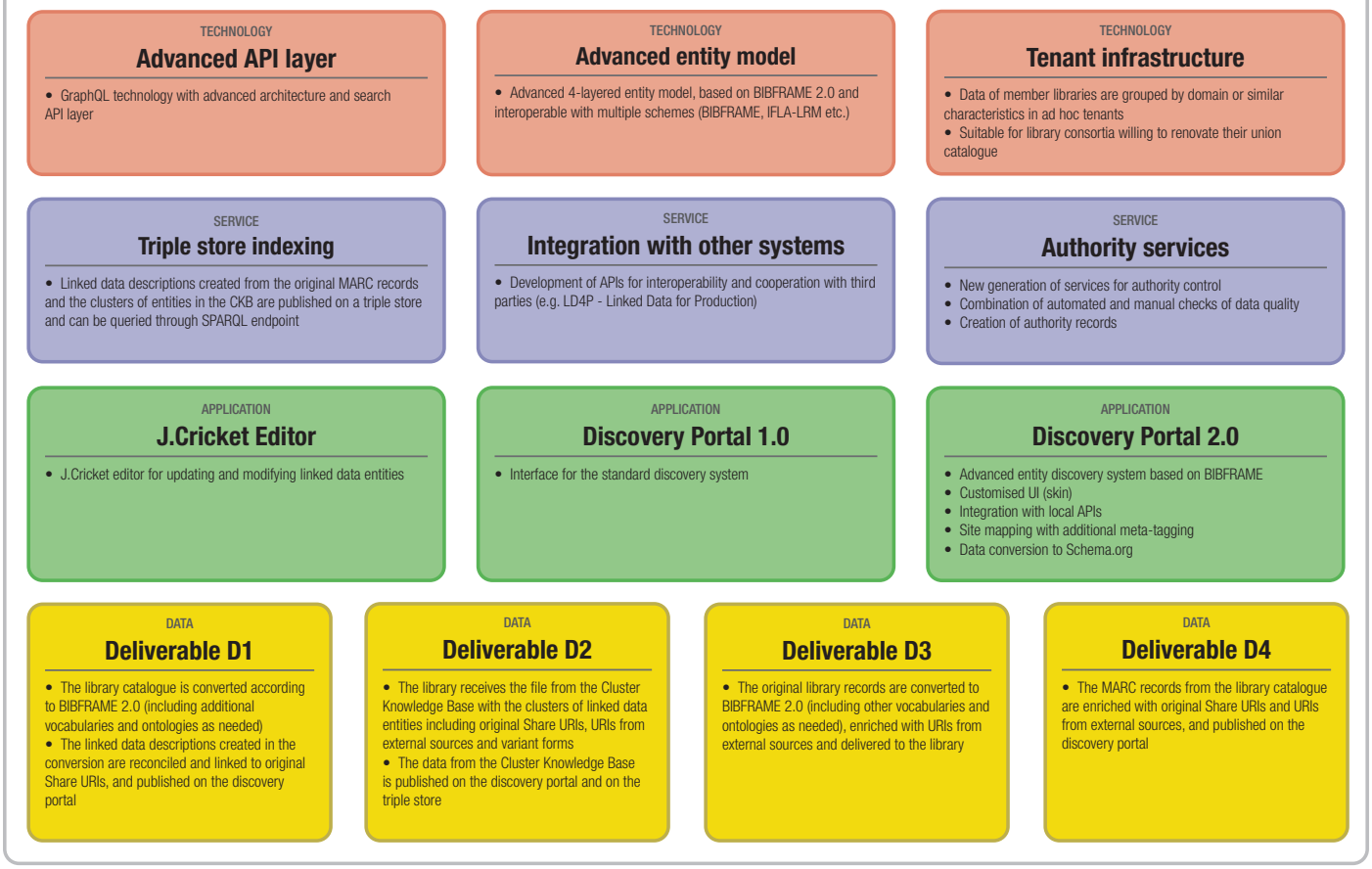
The Share family currently comprises (some in beta version):

- Share-Virtual Discovery Environment - The collective LOD catalogue of a growing number of leading academic and national libraries from across Europe and North America (https://svde.org)
- Share-Catalogue - The union LOD platform of a network of Italian university libraries (https://catalogo.share-cat.unina.it)
- Kubikat Linked Open Data Environment (https://kubikat-lod.org)
- Program for Cooperative Cataloging Linked Open Data Environment (https://pcc-lod.org)
- National Bibliographies Linked Open Data Environment (https://natbib-lod.org)
- Share-Music - A pilot project in the music domain

The options for your library?

Share - Linked Data Environment provides a number of services, applications and technology, all based on 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. You choose: discover more about each individual component in the chart below.

Share Family Components



About us!

The Share family library driven initiatives are promoted by the Share-VDE Advisory Council, its working groups, by the international community of participating institutions, by Casalini Libri and its sister company, @Cult.

casalinilibri

Casalini Libri is an international bibliographic agency and leading supplier of publications from across Europe. Our personalised services for libraries facilitate selection and acquisitions, provide access to electronic editions through the Torrossa Digital Library, and support the library community in optimising new opportunities such as BIBFRAME and IFLA LRM bringing linked data into practice.

@cult

A software house specializing in the design and development of solutions for information management and knowledge sharing, @Cult is the innovator behind the concept and founding structure of the Share-VDE linked data management and entity discovery systems and the technological motor responsible for its evolution.

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