

Share Family Linked Data Ecosystem

The Share Family of initiatives based on linked data comprises **Share-VDE** (Virtual Discovery Environment), **Share-Catalogue** (the Italian network of university libraries applying the Share principles), **Share-Art** (currently comprising the **Kubikat-LOD project** of the Art History libraries of the Max Planck Institut), and **Share-Music** (a pilot in the music domain). The different characteristics of each field are a useful asset that can be used to the advantage not only of the Share Family as a whole, but for each single discipline.

Being part of the Share Family means facilitating cataloguing and exposition of bibliographic records in linked data, thus supporting the transition from the traditional cataloguing environment to innovative models applying the linked data paradigm, and providing the LAM - Libraries, Archives, Museums domain and information professionals with a more comprehensive suite of tools at their disposal.

The platform www.share-vde.org and the other dedicated environments part of the Share Family enhance the discovery potential of library resources and unveil information that would otherwise have been hidden in archives, thus enabling the access to a rich amount of data that can be exported and re-imported by the participating institutions.

The output common to all the branches of the Share Family foresees:

- conversion of library catalogues from MARC to linked data;
- enrichment of original MARC data and of the records converted in linked data with identifiers from external sources (e.g. ISNI, VIAF) and with original Share-VDE identifiers;
- reconciliation and clusterization of entities created through library data conversion;
- delivery of converted and enriched data to libraries for reuse in their systems;
- publication of library records converted in linked on the discovery platform www.share-vde.org and on the other dedicated platforms of part of the Share Family.

Contents

1 The Share Family technology	2
2 The Share Family map	2
3 The Share Family institutions	2

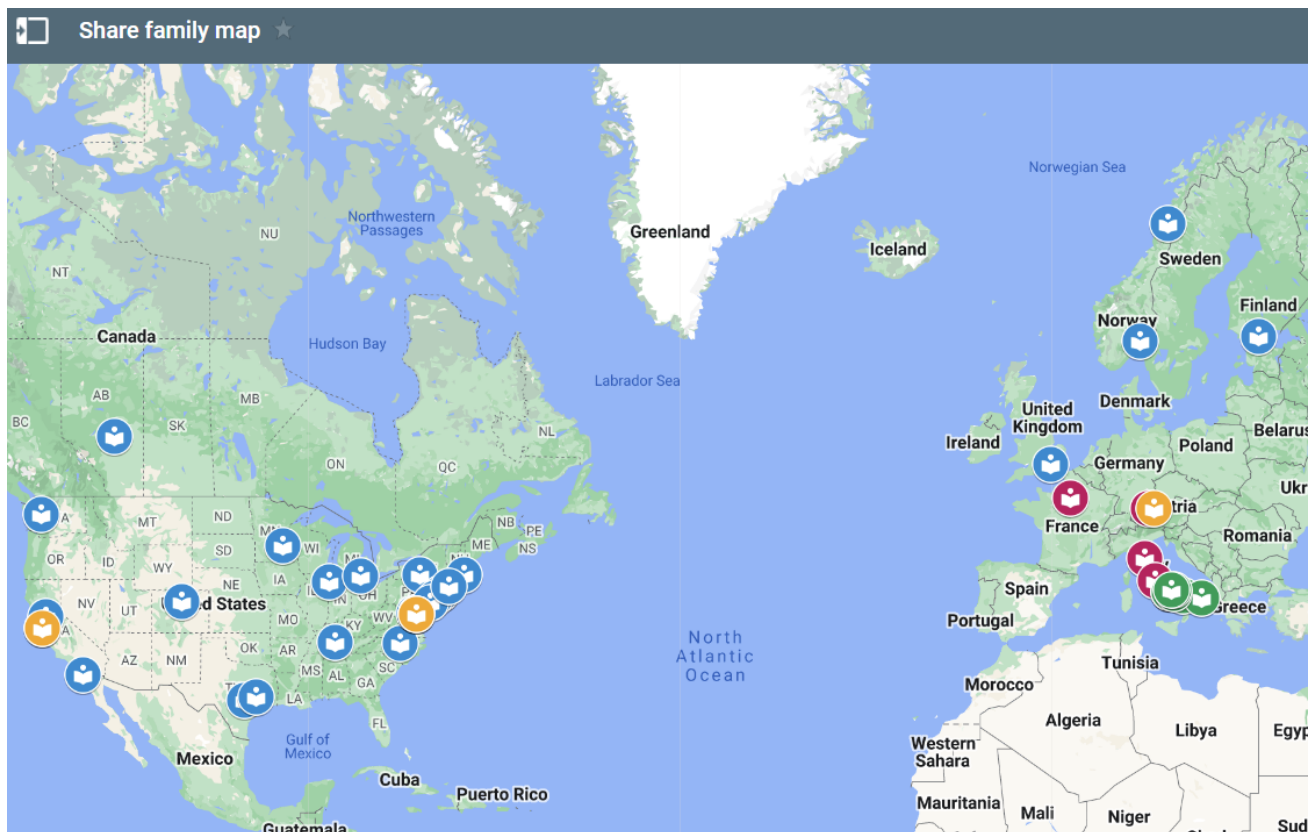
The Share Family technology

The technology underlying the systems part of the Share Family is based on the LOD Platform, that is a highly innovative technological framework, an integrated ecosystem for the management of bibliographic, archive and museum catalogues, and their conversion to linked data, extensible as needed for specific purposes.

For more details, see a summary of the [main components of the LOD Platform](#) and an [extensive description](#) of the framework.

The Share Family map

The Share Family map is represented below and can be consulted on a [dedicated web page](#).



The Share Family institutions

The Share Family institutions at November 2020 are:

Share-VDE members		Share Family members	
Share-VDE full members	LD4P cohort members	Share-Catalogue Institutions	Share-Art (Kubikat-LOD) project
		Università Degli Studi di Napoli	Kunsthistorisches Institut

Share-VDE members		Share Family members	
Share-VDE full members	LD4P cohort members	Share-Catalogue Institutions	Share-Art (Kubikat-LOD) project
Duke University	Cornell University	“Federico II”	in Florenz
New York University	Frick Art Reference Library	Università degli Studi della Basilicata	Biblioteca Hertziana, Rome
Stanford University	Harry Ransom Center Texas A&M	Università Degli Studi di Napoli L’ Orientale	Central Institute of Art History, Munich
University of Alberta - NEOS consortium	Harvard University	Università degli Studi di Napoli Parthenope	Deutsches Forum für Kunstgeschichte, Paris
University of Chicago	National Library of Medicine	Università del Salento	
University of Michigan at Ann Arbor	Northwestern University	Università degli Studi di Salerno	
University of Pennsylvania	Princeton University	Università degli Studi del Sannio RCost	
Yale University	University of California Davis	Università degli Studi della Campania “Luigi Vanvitelli”	
	University of California San Diego		
National libraries	University Colorado at Boulder		Share-Music project
Library of Congress	University of Minnesota		Bayerische Staatsbibliothek
National Library of Norway	University of Texas A&M		Library of Congress
National Library of Finland	University of Washington		Stanford University
The British Library			