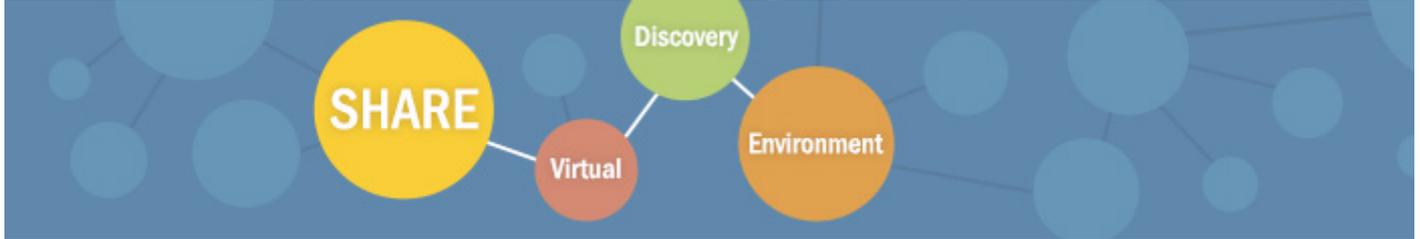


## SHARE VIRTUAL DISCOVERY ENVIRONMENT PROJECT

[www.share-vde.org](http://www.share-vde.org)

The realization of this project is based on the Casalini Libri and @Cult partnership.



Enriched MARC21 records and BIBFRAME datasets production and distribution are developed, and a prototype of a virtual discovery environment based on the three BIBFRAME layer architecture (Person/Work, Instance, Item) is established. This is done through the individual processes of analysis, entity identification and reconciliation, conversion and publication from Marc21 to RDF, and in the context of libraries with different systems, habits and cataloging traditions. In addition, the project creates a database of relationships and a common knowledge base of clusters that uses the paradigms of the semantic web, at the same time, allowing the libraries to continue to handle their data as independently as possible. The project will also identify issues and problems related to these new information management processes and propose solutions.

The involved components, tools and services - from entity identification and reconciliation processes, data enrichment, conversion and supply procedures, to the virtual discovery environment portal and the related user groups oriented interfaces - are designed to be available individually in as flexible configuration as possible for the needs of the library community.

### Among the general goals

- To reach a concrete, joint experience in the Linked Data environment for a group of libraries on which they can build future plans;
- To discuss, experiment and configure together with the library community the options of the forthcoming data creation, enhancement and supply services for this new context for all type of resources;
- To achieve a granularity and richness of relationships within library data, which is often hidden or unexpressed in a traditional Marc record;
- To prepare an enriched environment in RDF which is useful for both library patrons - who can take advantage of more advanced discovery interfaces - and librarians looking to recreate cataloguing functions in RDF together with integration of processes with the local ILS and the redesign of, for example, selection functions also in a shared collaborative environment.

### The participating Institutions

- Stanford University (Phase 1/2)
- University of California Berkeley (Phase 1/2)
- Yale University (Phase 1/2)
- Library of Congress (Phase 1/2)
- University of Chicago (Phase 1/2)
- University of Michigan Ann Arbor (Phase 1/2)
- Harvard University (Phase 1/2)
- Massachusetts Institute of Technology (Phase 1)
- Duke University (Phase 2)
- Cornell University (Phase 1)
- Columbia University (Phase 1)
- University of Pennsylvania (Phase 1/2)
- Pennsylvania State University (Phase 2)
- Texas A&M University (Phase 1/2)
- University of Alberta (Phase 2)
- University of Toronto (Phase 1)

The project started in October 2016, the first two phases will last 12 months, and the first set of deliverables, including the publication of the first version of the SHARE-VDE platform, were released in December 2016.

For enquiries or further information please contact us at [info\\_share-vde@casalini.it](mailto:info_share-vde@casalini.it)