A facilitator for the library community

SWIB - Semantic Web in Libraries, 27th November 2020

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A network of interconnected libraries

Share-VDE map

Share-VDE in 5 steps
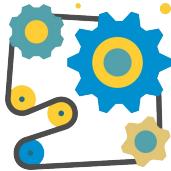
Share-VDE is an initiative lead by the community of participating libraries, with the aim of setting up linked data based workflows.

Share-VDE makes available

1. conversion of library catalogues from MARC to linked data;
2. 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;
3. reconciliation and clusterization of entities created through library data conversion;
4. delivery of converted and enriched data to libraries for reuse in their systems;
5. publication of library records converted in linked on the discovery platform www.share-vde.org.

Share-VDE pillars

Integration

Autonomy
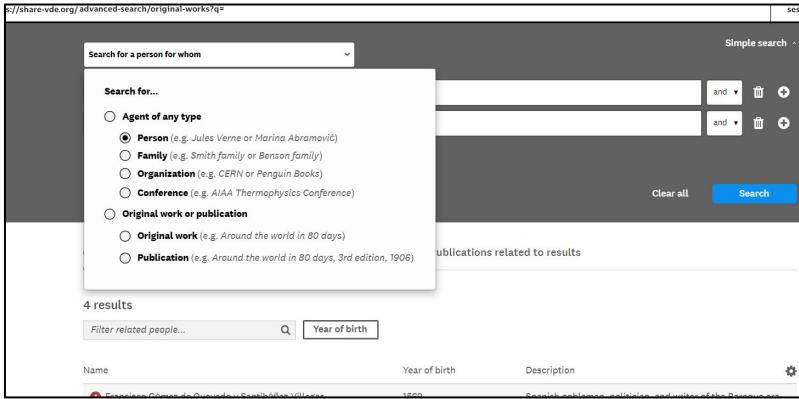
Community engagement
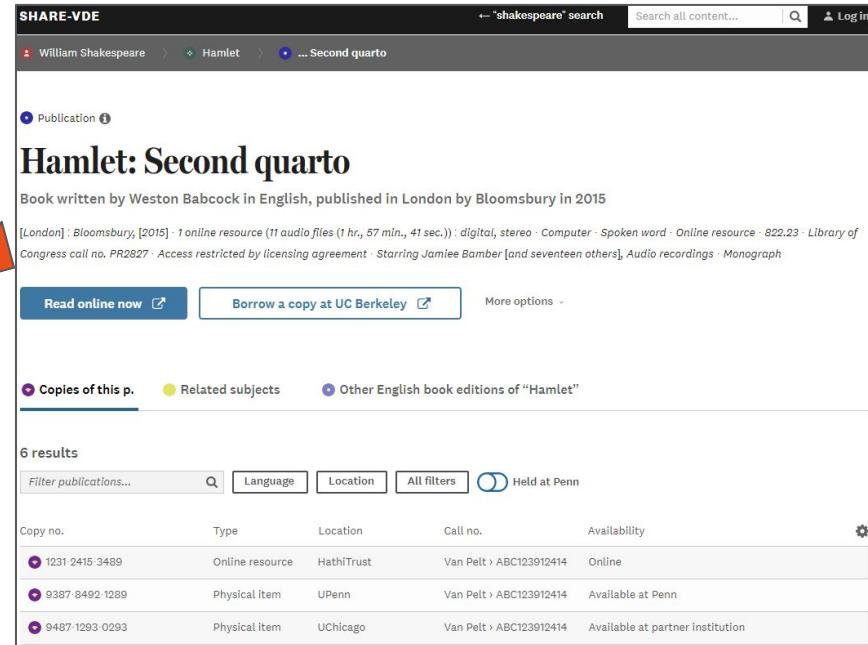
Shared vision

Integration

Integration is the core of the SVDE platform that aggregates data from multiple libraries to form clusters of entities.

Autonomy

SVDE localisation for the
University of Pennsylvania

[Kubikat-LOD](#) parallel project platform

Community engagement

Communication and events:

wiki platform https://wiki.share-vde.org/
that will serve both as a showcase as well as
a collaborative platform among SVDE
members
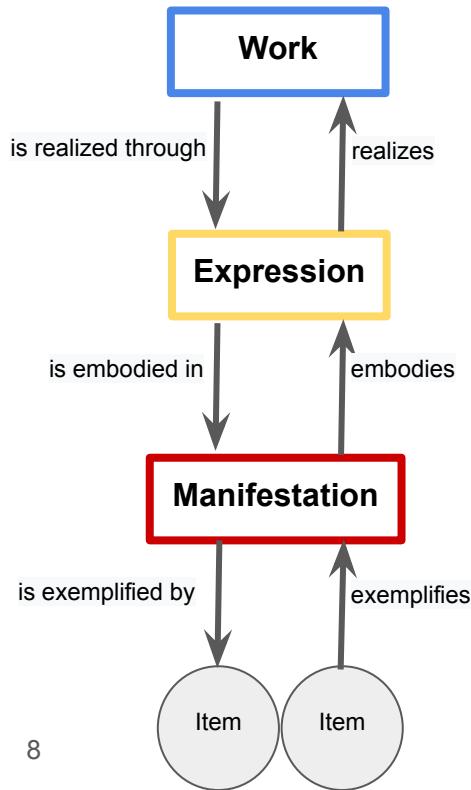
events: ALA MW, LIBER conference, LD4
conference, European BIBFRAME Workshop

articles and resources:
https://wiki.share-vde.org/wiki/ShareVDE:R
esources#Bibliographic_references
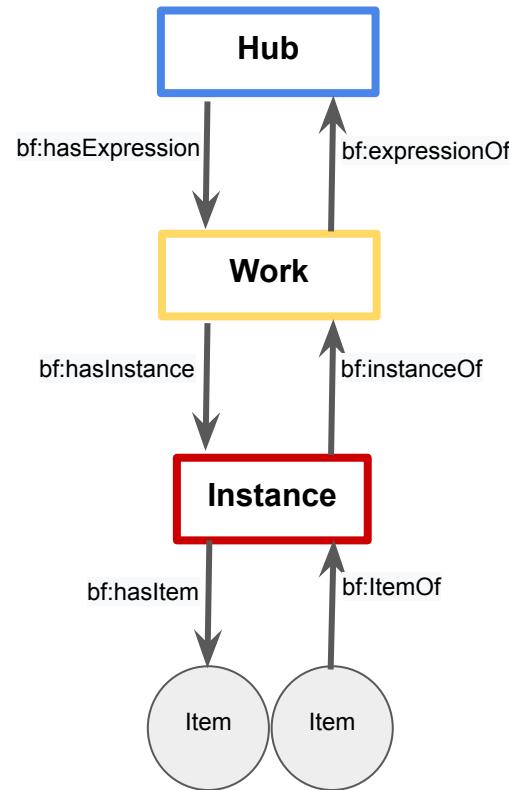
Shared vision
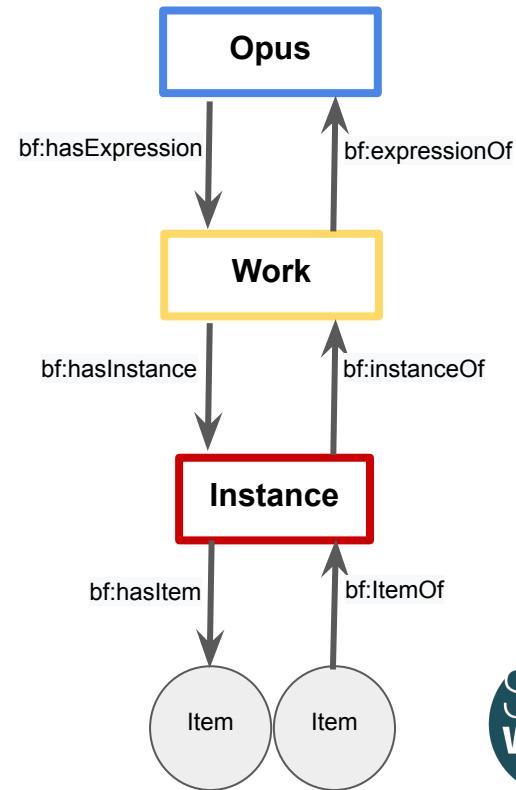
IFLA-LRM	BIBFRAME	Share-VDE

IFLA-LRM

Work

is realized through → / realizes ↑

Expression

is embodied in → / embodies ↑

Manifestation

is exemplified by → / exemplifies ↑

Item   Item

BIBFRAME

Hub

bf:hasExpression → / bf:expressionOf ↑

Work

bf:hasInstance → / bf:instanceOf ↑

Instance

bf:hasItem → / bf:ItemOf ↑

Item   Item

Share-VDE

Opus

bf:hasExpression → / bf:expressionOf ↑

Work

bf:hasInstance → / bf:instanceOf ↑

Instance

bf:hasItem → / bf:ItemOf ↑

Item   Item

(Some of) Share-VDE interconnections

Sapientia ecosystem

Facilitate integration with local library services

Main Share-VDE platform (new interface in progress)

Localisation for the University of Pennsylvania

From linked data publication to linked data editing

SVDE is evolving from a discovery platform that converts MARC data of libraries in Linked Open Data to an interactive authoritative source providing real services for libraries. This transition is happening through the editor named J. Cricket, that is the new application dedicated to the editing of SVDE clusters of data in a collaborative environment.

From linked data publication to linked data editing

The editing tool J.Cricket will allow for editing the SVDE Cluster Knowledge Base, Sapientia, enabling several actions on the clusters of entities saved in SVDE database, including creation, modification, merge of clusters of works, of agents etc.
J.Cricket will extend authority capabilities through the integration with external data sources such as Wikidata and ISNI.

SHARE-VDE   Search all content...

2 original works merged

1 BF work affected

Merge summary

Destination	Attachments	Title	Contributors	Language	Year
Destination	18	Pincher Martin	William Goulding	English	1956
	0	Pincher Martin, 1956	William Goulding	English	1956

View destination original work

View graph on external site

This agent has been flagged for manual review
Name
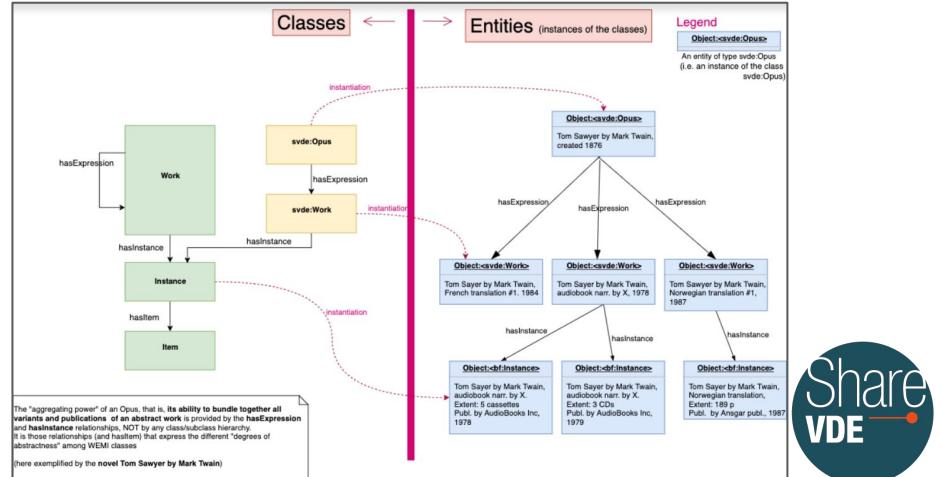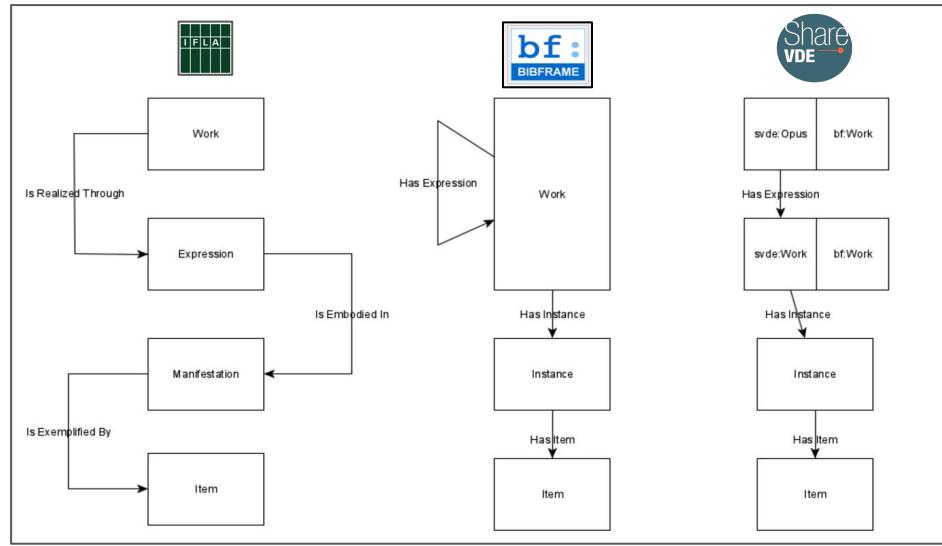
William Goulding   ...

Assign to me

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Facilitate interoperability between entity models...

Participation in LD4P3: the challenge of data models interoperability
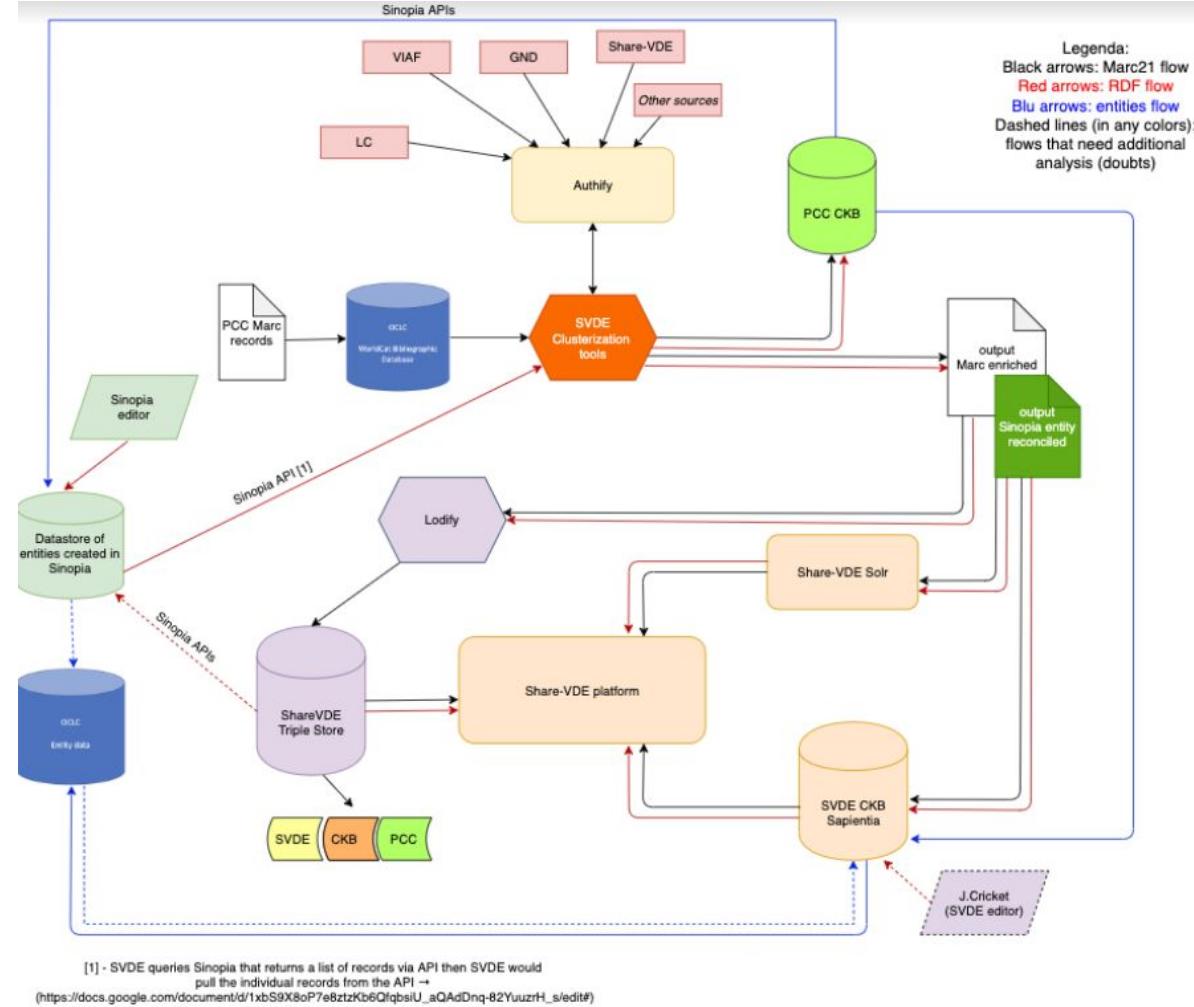
See the SVDE entity model compared to BF and LRM and an example of application of the model

...and interaction with other environments

Participation in LD4P3: SVDE as one of the components to close the loop and put together MARC and BIBFRAME cataloguing

See the diagram online here

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Next steps: integration with authority data sources

Wikidata is increasingly authoritative and is used in the library community as a source for entity identification (SVDE property on Wikidata Share-VDE author ID)

Query the source and enrich SVDE data with Wikidata entities information and vice versa → connection with Casalini participation in the PCC Wikidata pilot

Ad hoc SVDE working group is studying the use cases for interaction (e.g. starting points for the analysis are API:Main page + Wikibase/API, and other documentation)

Major challenge: alignment between Wikidata and SVDE entities

Integration of Wikidata IDs in SVDE with J.Cricket

Thank you!

https://wiki.share-vde.org/

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