



Share-VDE perspective

Meeting with the Library of Congress, 3rd March 2022

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J.Cricket entity editor



From linked data publication to linked data editing

SHARE-VDE Search all content...

Person
William Goulding
British novelist, poet, playwright and Nobel Prize for Literature laureate

Sir William Gerald Golding, CBE (19 September 1911 – 19 June 1993) was a British novelist, playwright, and poet. Best known for his debut novel *Lord of the Flies* (1954), he would go on to publish another eleven novels in his lifetime. In 1980, he was awarded the Booker Prize for *Rites of Passage*, the first novel in what became his sea trilogy, *To the Ends of ...* — [Wikipedia](#)

More options ^

Original works by Original works about Related people

Filter... Location Language All filters

Publication title	Contributors	Language	Year
<input type="checkbox"/> Lord of the flies	William Golding	English	1954
<input checked="" type="checkbox"/> Pincher Martin, 1956 novel.	William Goulding	English	1956
<input checked="" type="checkbox"/> Pincher Martin	William Goulding	English	1956

↕ End of list

Click to add to merge list

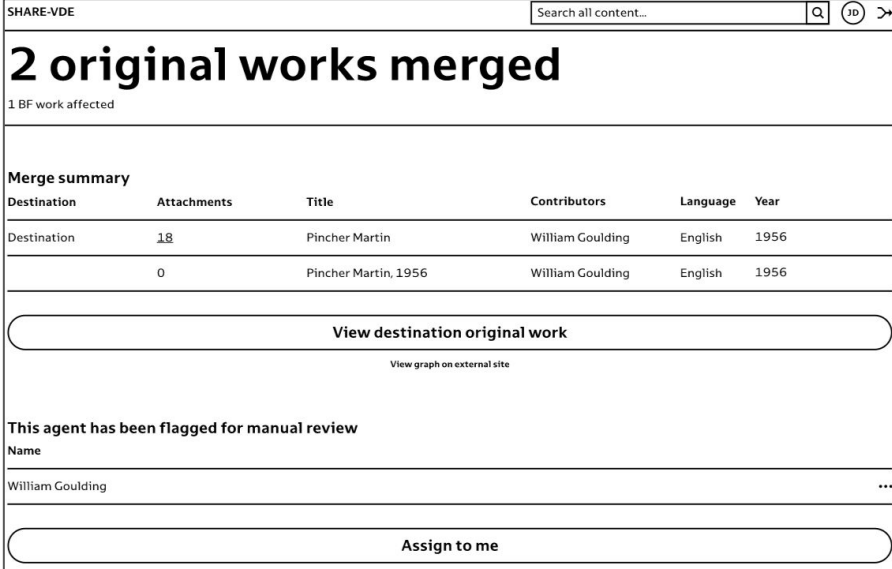
2 original works selected View selected ^ Deselect all Add relationship Merge Add to my merge list

The Share family platform is evolving from a discovery environment that converts traditional 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 the clusters of data in a collaborative and integrated environment.

From linked data publication to linked data editing

The editing tool J.Cricket will allow for editing the SVDE Cluster Knowledge Base, Sapiientia, enabling several actions on the clusters (entities) saved in the 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

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

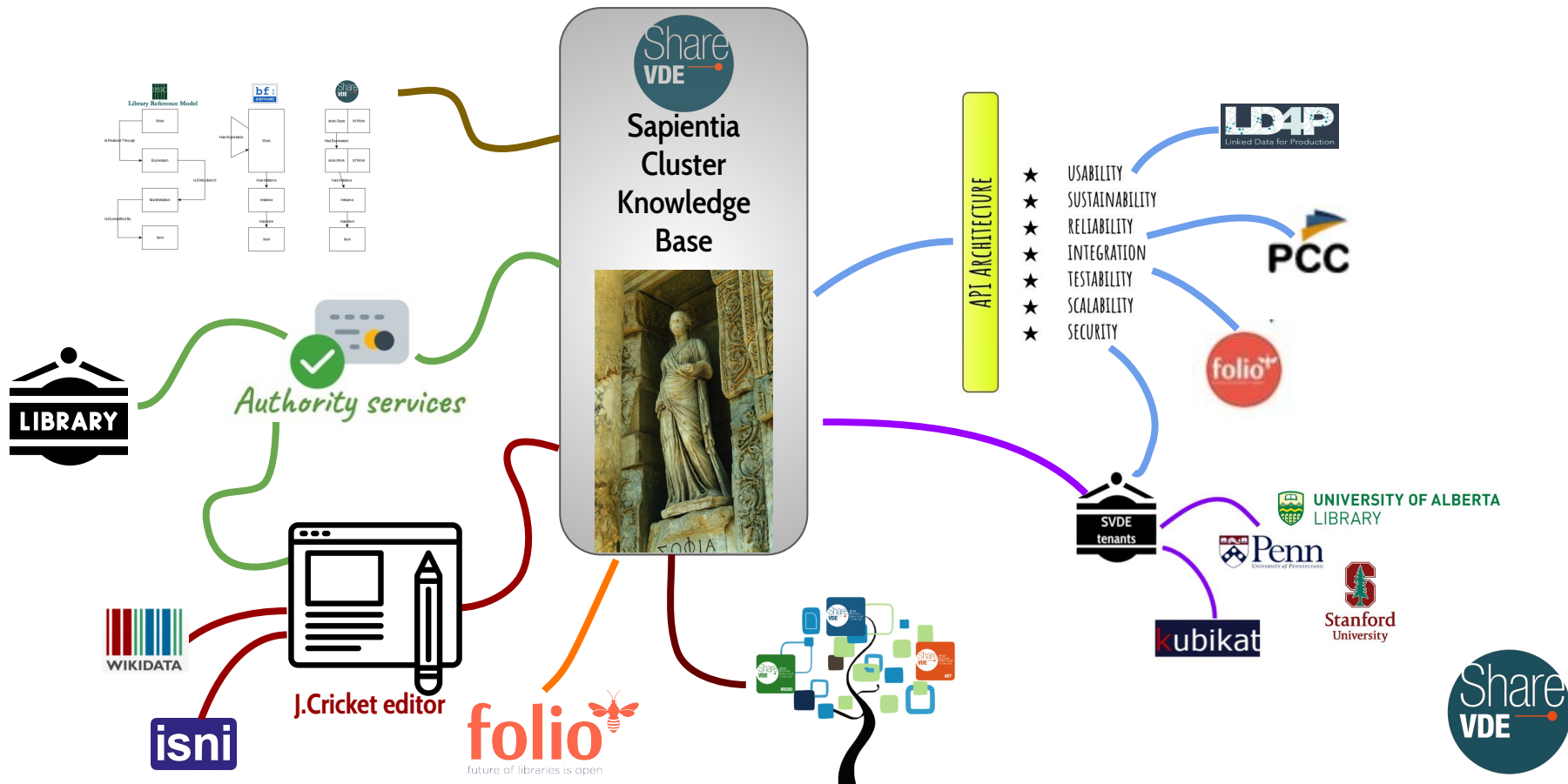
This agent has been flagged for manual review

Name

William Goulding ...

[Assign to me](#)

Towards the Share-VDE Sapientia CKB ecosystem



Next generation cataloguing

The J.Cricket editor is an example of how the Share family of initiatives is pursuing a new way of managing library cataloguing:

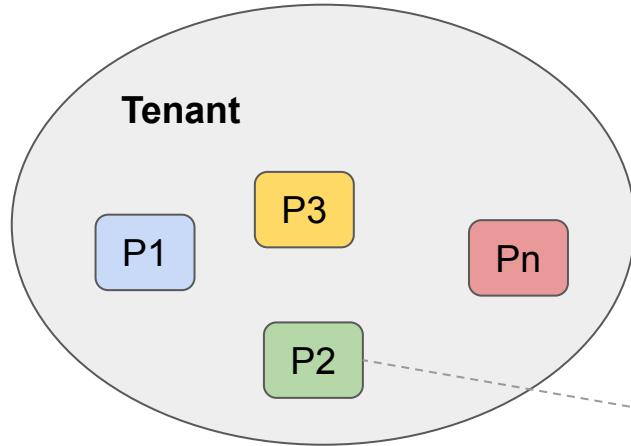
- aggregation of data from multiple sources
- managed through standard protocols (linked data)
- in a collaborative and integrated environment
- that makes available open data and resources
- to end users and professionals (researchers, scholars etc.)
- for reuse in the library community and beyond

The Entity as a Prism



Share-VDE: Tenants and Provenances

Share-VDE manages a **Knowledge Base** which consists of **clustered, integrated** and **enriched** entities

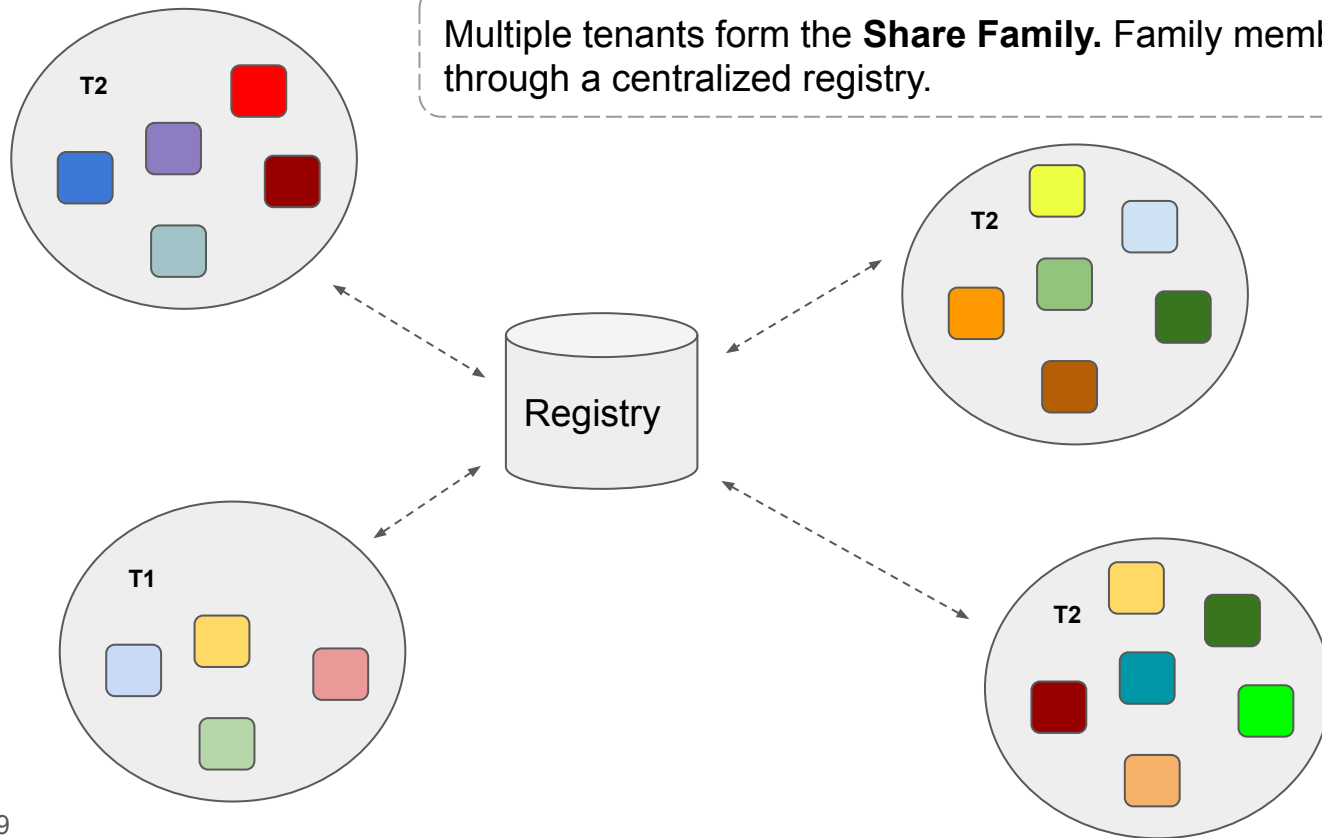


In Share-VDE, a **tenant** is represented by a **set of institutions** contributing to the **same Knowledge base**

An **institution** within a tenant is called **provenance**. We use that term because we always want to **retain** the relationship between **Share-VDE entities** and data that originally **contributed** to their building

Share-VDE: The Share Family

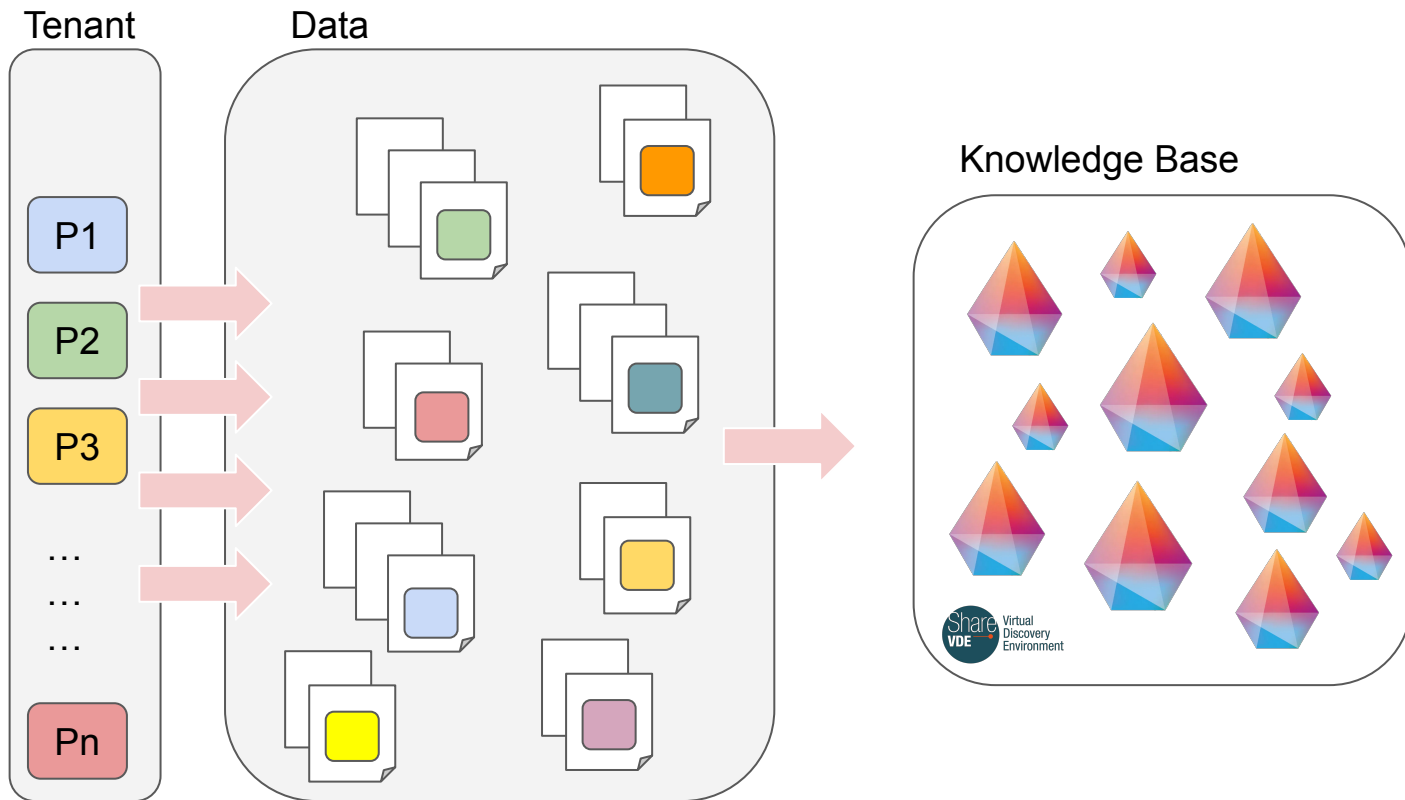
Multiple tenants form the **Share Family**. Family members interoperate through a centralized registry.




Share-VDE Knowledge Base




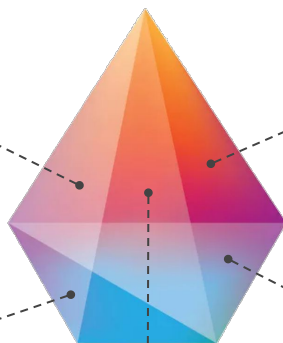
Share-VDE: How does it work?





Share-VDE Cluster: the Prism

 P1	
title	Alice in wonderland
titleAlternative	Alice's adventures under ground
author	https://svde.org/people/201

 P2	
title	Alice in wonderland
titleAlternative	Alice's adventures under ground
author	https://svde.org/people/201

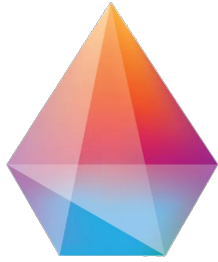


 P3	
title	Alice in wonderland

 P4	
title	Alice's adventures under ground
titleAlternative	Journeys in Wonderland
author	https://svde.org/people/201

		
sameAs	http://dbpedia.org/resource/Alice&#39;s_Adventures_in_Wonderland	Dbpedia
sameAs	https://www.wikidata.org/wiki/Q189875	Wikidata
sameAs	https://data.bnf.fr/ark:/12148/cb358500385#about	bnf

Share-VDE Clusters: attributes & relationships



Name	Value	Provenance
title	Alice in wonderland	P1 P2 P3
titleAlternative	Alice's adventures under ground	P1 P2
titleAlternative	Journeys in Wonderland	P4

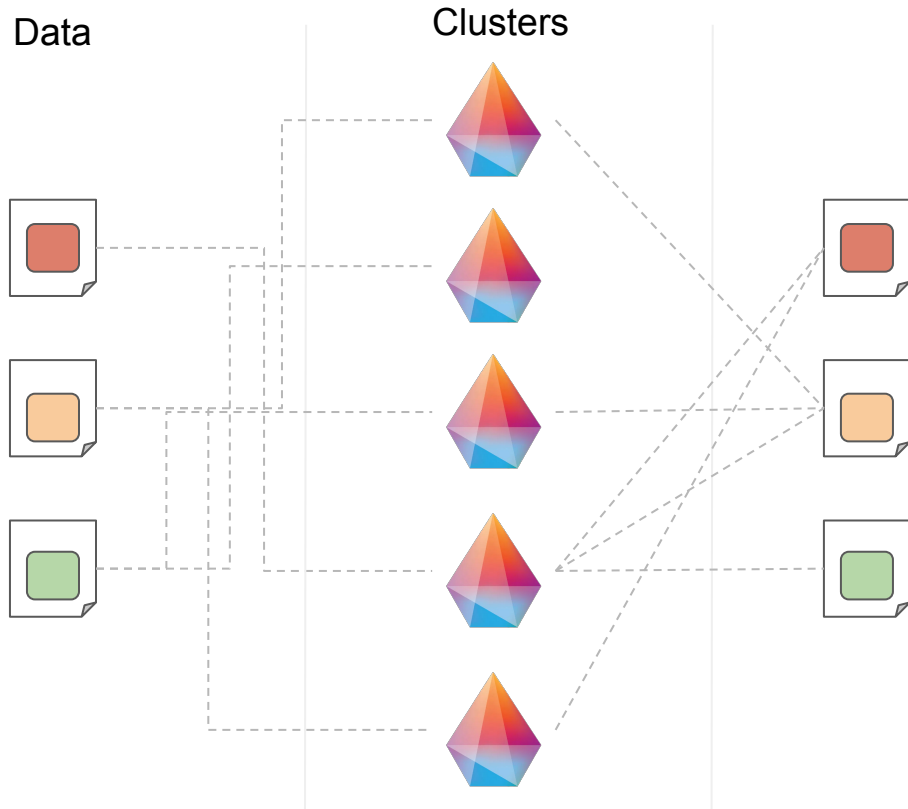
Share VDE		
sameAs	http://dbpedia.org/resource/Alice&#39;s_Adventures_in_Wonderland	Dbpedia
sameAs	https://www.wikidata.org/wiki/Q189875	Wikidata
sameAs	https://data.bnf.fr/ark:/12148/cb358500385#about	bnf

Name	Provenance
author	P1 P2 P4

Name	Value	Provenance
name	Carroll, Lewis	P1 P2
nameAlternative	Dodgson, Charles Lutwidge	P1 P2
nameAlternative	Karol, Luis	P5 P3



Share-VDE Clusters: Record-level Provenance



Each record coming from a provenance contributes in building/enriching one or more Share-VDE clusters.

Therefore, a Share-VDE cluster can be seen as a **prism** where each face represents data coming from a given provenance

Each Share-VDE cluster maintains a link to the records it originated from



Virtual
Discovery
Environment

Share-VDE perspective

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