



Share-VDE

A facilitator for the library community

Jio Institute Library Workshop, 9th November 2020

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Share-VDE: what it was and what it is



From pilot project...

Phase 1

October 2016 – January 2017

1985 and 2015 imprint titles; 2,249,397 bib-records and 3,601,327 auth-records.

Phase 2

March 2017 – May 2018

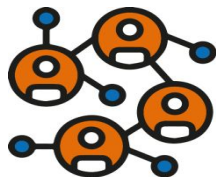
The entire catalogues for all resource types; 94,378,728 bib-records and 24,150,238 auth-records.

Phase 3

Production environment: January 2019 - in progress

Share-VDE triplestore currently contains 24 billion quads of converted data and 400 million triples of clustered entities

...to active initiative



Share-VDE is a library-driven initiative to establish an **effective working environment** for the use of linked data by libraries within a global context.

Library data are **enriched** with additional information and relationships, and bibliographic and authority data are converted into linked data.



A **virtual discovery platform** with the structure based on **BIBFRAME** data model is created to simplify the way in which that data is consumed.

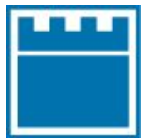
The network of resources created is the basis for the **Share-VDE Sapiientia Cluster Knowledge Base**, the common authoritative source of clusters accessible in RDF, open to the entire Share-VDE community.

...in a cooperative environment

Share-VDE is a collaborative endeavour based on the needs of libraries, developed and supported by:



the joint effort of the **Share-VDE Advisory Council** and of the **Working Groups**;



Casalini Libri, provider of bibliographic and authority data as member of the Program for Cooperative Cataloguing;



@Cult, provider of ILS, Discovery tools and Semantic web solutions for the cultural heritage sector;



the vision of **Linked Data for Production initiative** with special endorsement of **Stanford**;



with input and active participation from an **international group of research libraries**.



The Share family participating institutions

Share-VDE Full members

Duke University
New York University
Stanford University
University of Alberta
University of Chicago
University of Michigan at Ann Arbor
University of Pennsylvania
Yale University

National Libraries

Library of Congress
National Library of Finland
National Library of Norway
The British Library

LD4P Cohort members

Cornell University
Frick Art Reference Library
Harry Ransom Center Texas A&M
Harvard University
National Library of Medicine
Northwestern University
Princeton University
University of California Davis
University of California San Diego

University Colorado at Boulder
University of Minnesota
University of Texas A&M
University of Washington

Share-Music project

Bayerische Staatsbibliothek
Library of Congress
Stanford University

Share-Catalogue Institutions

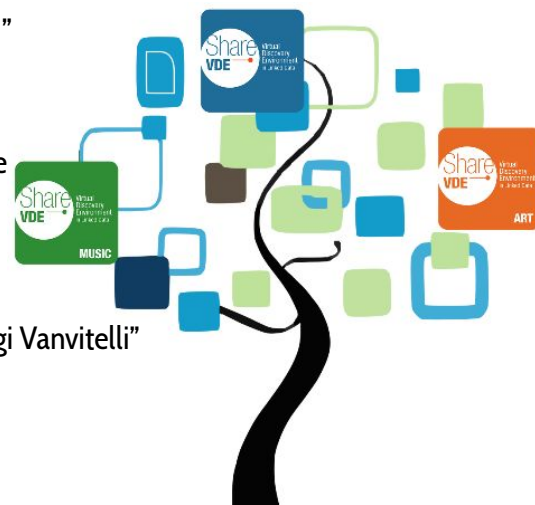
Università degli Studi di Napoli "Federico II"
Università degli Studi della Basilicata
Università degli Studi di Napoli L'Orientale
Università degli Studi di Napoli Parthenope
Università del Salento
Università degli Studi di Salerno
Università degli Studi del Sannio RCost
Università degli Studi della Campania "Luigi Vanvitelli"

Share-Art (Kubikat-LOD) project

Max-Planck-Institut:
Kunsthistorisches Institut in Florenz
Biblioteca Hertziana Rome
Central Institute of Art History Munich
Deutsches Forum für Kunstgeschichte Paris

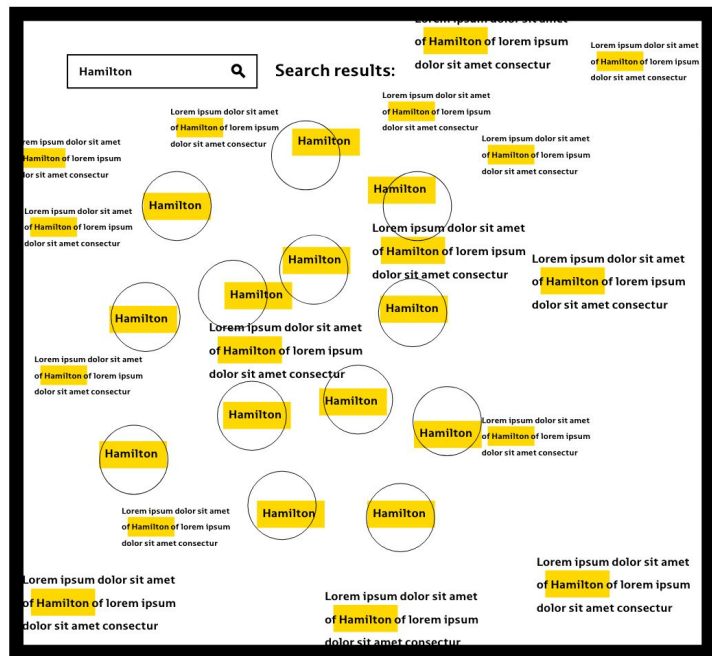
See also

https://wiki.share-vde.org/wiki/ShareVDE:Main_Page/SVDE_institutions

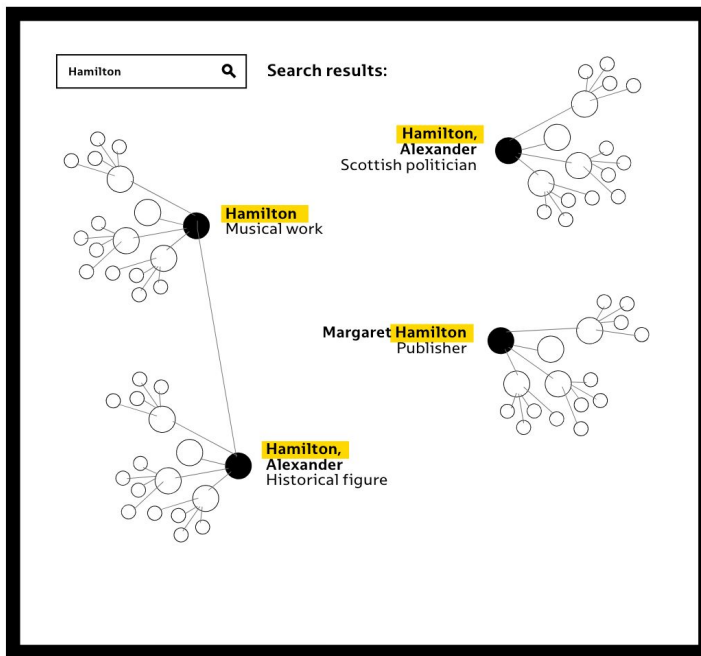


Linked data means interconnections

Without linked data



With linked data



The Testaments

Get a copy

Author/creator

"Atwood, Margaret, 1939- author." [Search catalog for text "Atwood, Margaret, 1939- author." →](#)

Format / description

Book. 419 pages ; 25 cm

Published by

London, England : Chatto & Windus, 2019., ©2019
[Search catalog for text "London, England : Chatto... →](#)

Summary

"More than fifteen years after the events of The Handmaid's Tale, the theocratic regime of the Republic of Gilead maintains its grip on power, but there are signs it is beginning to rot from within. At this crucial moment, the lives of three radically different women converge, with potentially explosive results. Two have grown up as part of the first generation to come of age in the new order. The testimonies of these two young women are joined by a third voice: a woman who wields power through the ruthless accumulation and deployment of secrets. As Atwood unfolds The Testaments, she opens up the innermost workings of Gilead as each woman is forced to come to terms with who she is, and how far she will go for what she believes."—Publisher description.

Notes

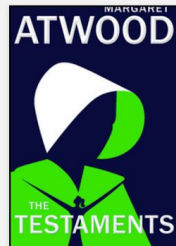
Sequel to: "The Handmaid's tale." [Search catalog for text "The Handmaid's tale" →](#)

Contains

Sequel to: Atwood, Margaret, 1939-. Handmaid's tale.

Experience without linked data.

Search for text string → View a record → Search for text string → View...



The Testaments

The Testaments is a 2019 novel by Margaret Atwood. It is a sequel to The Handmaid's Tale (1985). The novel is set 15 years after the events of The Handmaid's Tale... [Wikipedia](#)

2 editions at our library. 14 editions at other libraries.

Get a copy



AUTHOR

Margaret Atwood (Canadian writer)

Margaret Eleanor Atwood CC OOnt CH FRSC (born November 18, 1939) is a Canadian poet, novelist, literary critic, essayist, inventor, teacher, and environmental activist. [Wikipedia](#)

[Learn more about this author](#)

[View 34 works by this author](#)

RELATED TO THESE WORKS



"The Handmaid's tale"

...a dystopian novel by Canadian author Margaret Atwood, originally published in 1985. It is set in a

[View this work →](#)

PRIZES

2019 Man Booker Prize



[Show 12 books from other winners](#)

REVIEWS

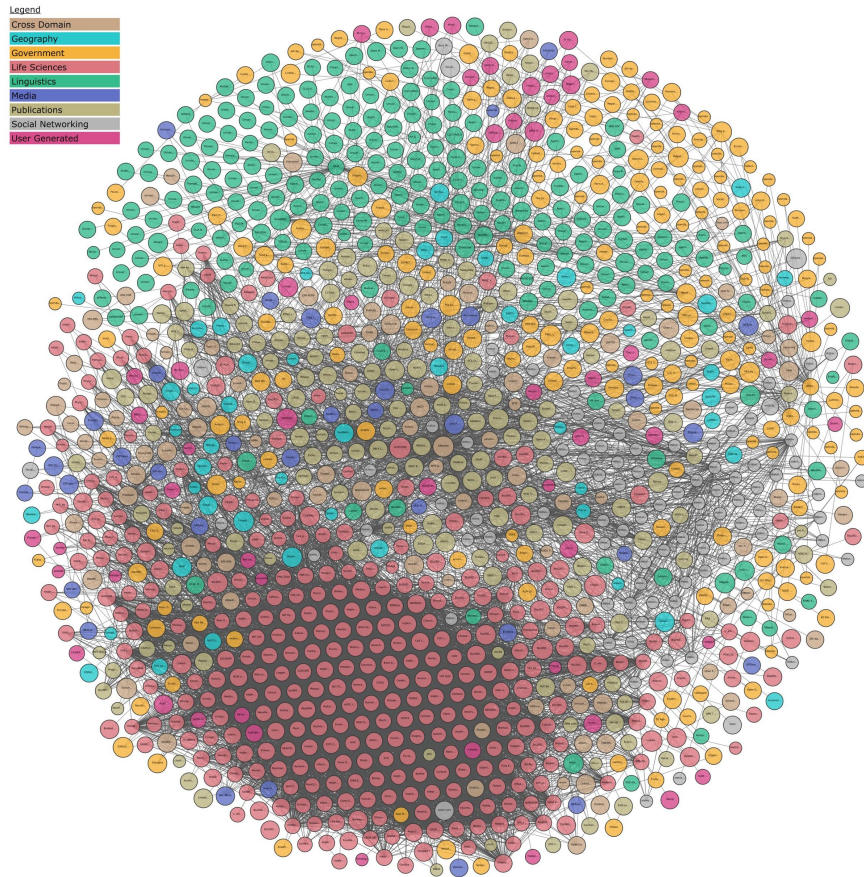


"A fitting sequel to The Handmaid's Tale. The characters in this book are different, but the world is the same. The world becomes more fleshed out, as the author adds details

Experience with linked data.

Search for known entities → Explore by moving from entity to entity directly.

A network of interconnected data



A network of interconnected libraries



Share-VDE pillars



Integration



Autonomy



Community engagement



Shared vision

Integration - the end user perspective

Search for a person for whom

Simple search

Search for...

- ☐ Agent of any type
- ☒ Person (e.g. Jules Verne or Marina Abramović)
- ☐ Family (e.g. Smith family or Benson family)
- ☐ Organization (e.g. CERN or Penguin Books)
- ☐ Conference (e.g. AIAA Thermophysics Conference)
- ☐ Original work or publication
- ☐ Original work (e.g. Around the world in 80 days)
- ☐ Publication (e.g. Around the world in 80 days, 3rd edition, 1906)

Clear all Search

4 results

Filter related people... Year of birth

Name	Year of birth	Description
...



SHARE-VDE

William Shakespeare Hamlet ... Second quarto

Publication

Hamlet: Second quarto

Book written by Weston Babcock in English, published in London by Bloomsbury in 2015

[London] : Bloomsbury, [2015] : 1 online resource (11 audio files (1 hr., 57 min., 41 sec.)) : digital, stereo · Computer · Spoken word · Online resource · 822.23 · Library of Congress call no. PR2827 · Access restricted by licensing agreement · Starring Jamie Bamber [and seventeen others]. Audio recordings · Monograph

Read online now Borrow a copy at UC Berkeley More options

Copies of this p. Related subjects Other English book editions of "Hamlet"

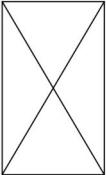
6 results

Filter publications... Language Location All filters Held at Penn

Copy no.	Type	Location	Call no.	Availability
1231 2415 3489	Online resource	HathiTrust	Van Pelt · ABC123912414	Online
9387 8492 1289	Physical item	UPenn	Van Pelt · ABC123912414	Available at Penn
9487 1293 0293	Physical item	UChicago	Van Pelt · ABC123912414	Available at partner institution

Integration - J.Cricket: the professional perspective

SHARE-VDE



Person

William Goulding

British novelist, poet, playwright and Nobel Prize for Literature laureate

Sir William Gerald Goulding, 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

Publication title	Contributors	Language	Year
<input type="checkbox"/> Lord of the flies	William Goulding	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



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

Integration - Wikidata



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



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

How J.Cricket interacts with Wikidata

← →

Connect external IDs · Share-VDE

Share-VDE

Q Search all content...

Connect to external IDs

Name

Q Isaiah Thomas

OCLC

VIAF


Wikidata

LC

GND


BNF

Other...




Isaiah Thomas (or Isaiah Jamar Thomas)
American basketball player · Born 1989
Q336030 [✎](#)

★ VIAF ID match



Isaiah Thomas (or Isaiah Thomas, Sr. · I. Thomas · I. T. · T. I.)
Massachusetts printer, publisher and journalist · 1749–1831
Q15503493 [✎](#)

✓ Birth place match



Isaiah Thomas (or Isaiah Thomas, Jun. · I. Thomas, Jun.)
(1773-1819) · 1773-1819
Q55322233 [✎](#)

Connected

+ Create new wikidata item for "John Doe" [✎](#)


Wikidata item Q336030

⋮

⚠ This Wikidata entity has a potential duplicate on Wikidata

[Review for merge](#)

Isaiah Thomas
American basketball player
1954-2017



Sex or gender
Male

Country of citizenship
United States of America

Country for sport
United States of America

Birth name
Isaiah Jamar Thomas (English)

Date of birth
7 February 1989

Place of birth
Tacoma

Occupation
Basketball player

Position played on team / speciality
Point guard

Connect to this ID

Integration - the technological perspective



Integration - new Authority services generation



Autonomy - the end user perspective

SVDE localisation for the
University of Pennsylvania

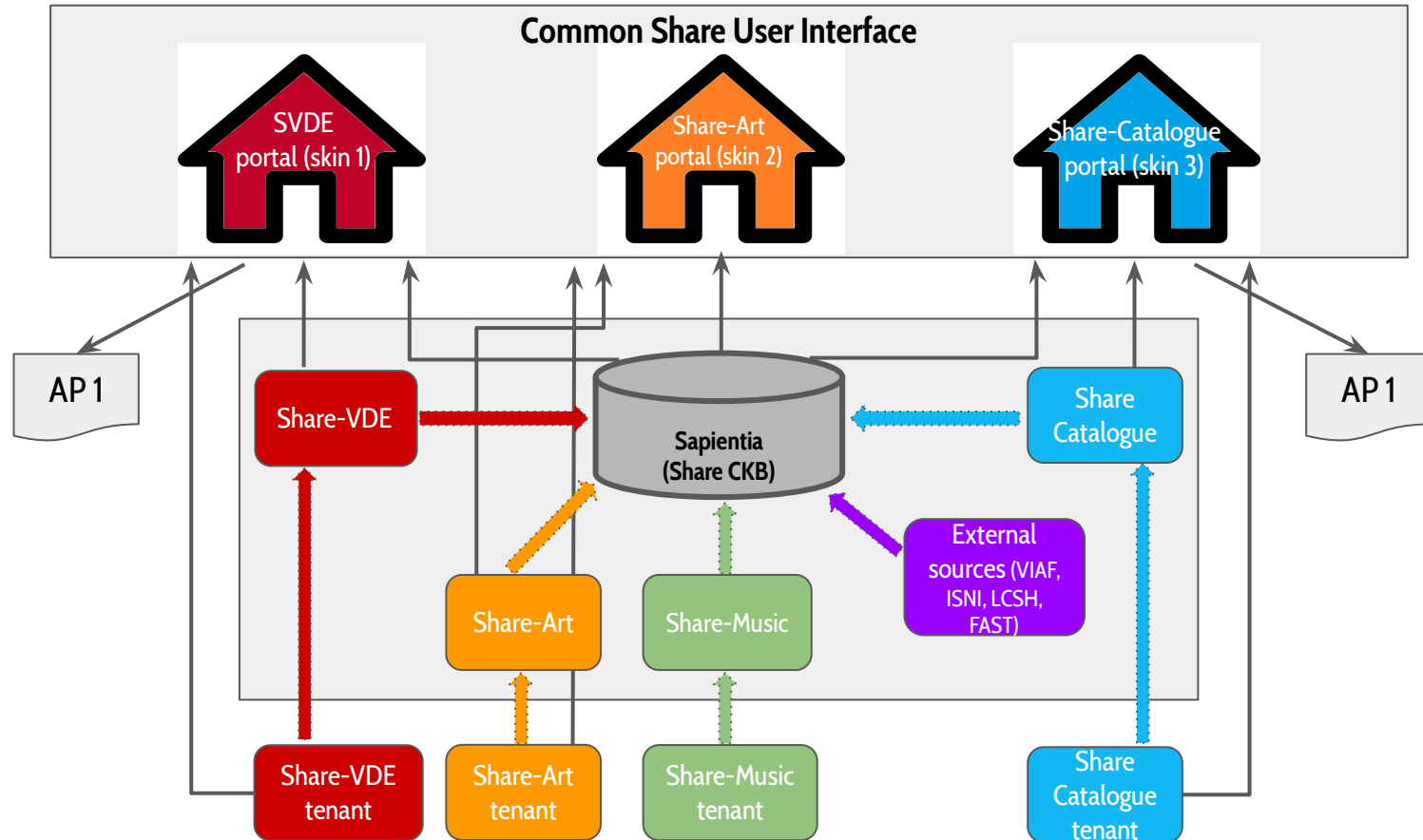
The screenshot shows the Penn Libraries Catalog interface. At the top, there's a search bar and a user profile for Jane Doe. Below the navigation bar, the page is titled "William Shakespeare" and "Hamlet". A book cover for "The Tragicall Historie of HAMLET, Prince of Denmark" is displayed. The title "Hamlet" is prominently shown, followed by "Written by William Shakespeare in English". A descriptive paragraph about the play is provided, along with a "Read online now" button and a "Get it now at Van Pelt" button. Below this, there are tabs for "Library-held publications of Hamlet" and "Related Original Works". A section titled "8 results" shows a table of publications with columns for Title, Person name, Language, Location, and Availability. The first result is "Hamlet: Second quarto" by Michael Heppell, in English, at Penn, and available online.

Title	Person name	Language	Location	Availability
Hamlet: Second quarto	Michael Heppell	English	Penn	Available online

Kubikat-LOD

The screenshot shows the Kubikat-LOD project page. The header features the "Kubikat-LOD" logo. Below the header, there are input fields for "Person" and "Work". The main content area is titled "THE KUBIKAT-LOD PROJECT" and contains a paragraph describing the project as a collaborative venture to unite and connect the resources of the Kubikat union catalogue in a discovery platform based on the BIBFRAME Linked Data model. It further explains the aim of the initiative to offer a single, shared point of access to the catalogues of participating institutions through a rich search environment. The page also mentions that the current prototype contains bibliographic data held by the Kubikat member libraries updated to February 15th 2019.

Autonomy - Share-VDE tenants



Community engagement

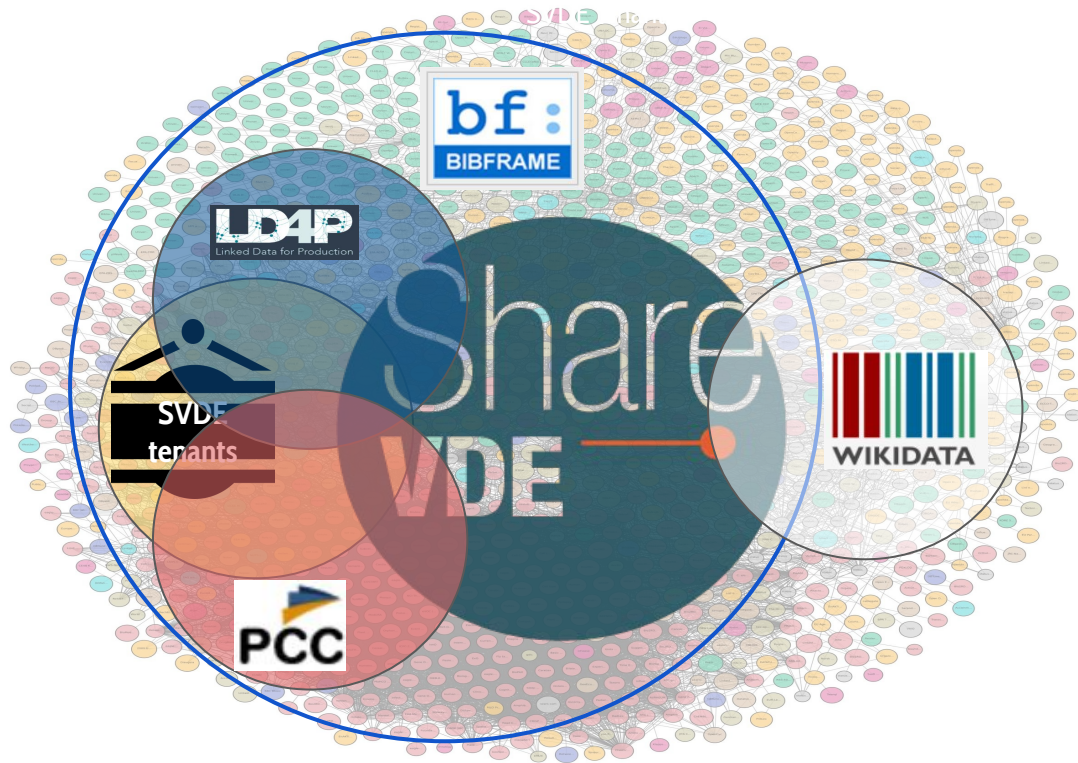
The Share-VDE AC will take an active role in determining future uses and vision for the Share-VDE initiative; Develop future use cases for Share-VDE, and set development priorities as needed; Monitor and lead the work of the various Advisory Council Working Groups; Maintain communication among the Share member institutions.

There are 4 sub-committees focusing on specific areas:

- Sapiaientia Entity Identification Working Group
- Authority/Identifier Management Services Working Group
- Cluster Knowledge Base Editor Working Group
- User experience/User Interface Working Group

The list of [AC and working group members](#) is available.

Community engagement



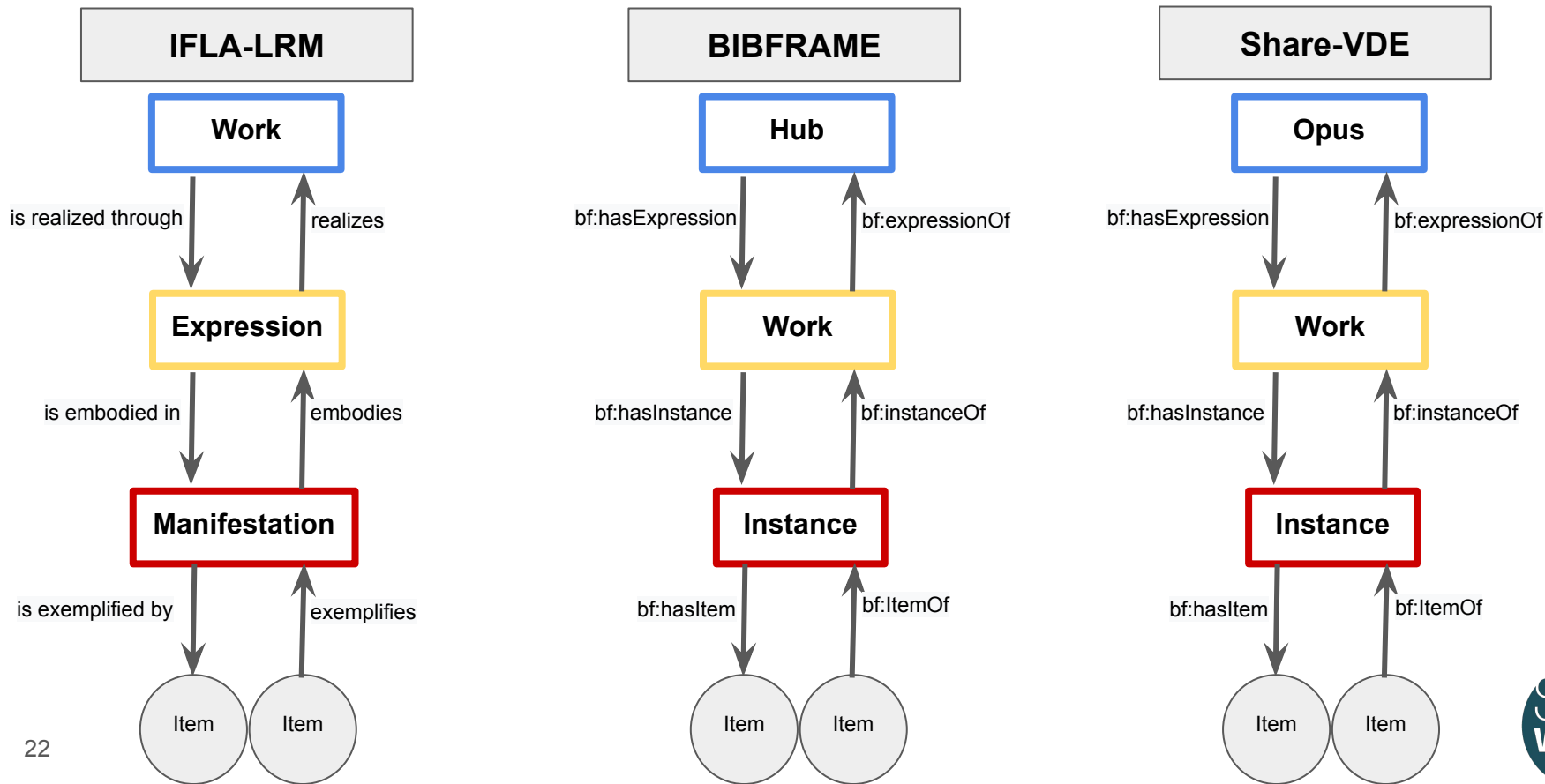
Communication and events:

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:Resources#Bibliographic_references

Shared vision - the professional perspective



Shared vision - the end user perspective


 Kubikat

← "belting bagdad" search

Search all content...

English

Log in



Person ⓘ

Hans Belting

German art historian. Born 1935.

Hans Belting (born 7 July 1935 in Andernach, Rhine Province) is a German art historian and theorist of medieval and Renaissance art, as well as contemporary art and image theory. He was born in Andernach, Germany, and studied at the universities of Mainz and Rome, and took his doctorate in art history at the University of Mainz. Subsequently he has held a fellowship at... — [Wikipedia](#)

More options ▾

Original works by Belting

Original works about Belting

Related people

281 results

Filter original works...

Role

Work type

More filters

Original Work title	Role	Work type	Year ▾	⊕
✦ The movement and the experience of "iconic presence": An introduction	Author	Article	2019	
✦ Movement, images and iconic presence in the medieval world	Editor	Book	2019	
✦ Ein Afrikaner in Paris: Léopold Sédar Senghor und die Zukunft der Moderne	Author	Book	2018	
✦ A Venetian artist at the Ottoman court: An encounter of two worlds	Author	Article	2018	



Why Share-VDE

Facilitates **cataloguing** of bibliographic and authority records and the **entity management** through a **linked data** based approach.

The platform www.share-vde.org **enhances the discovery potential** of library resources to scholars and students and unveils information that would otherwise have been hidden in archives → access to a **rich amount of data** that can be exported and re-imported by the participating institutions.

It's an **authoritative source** thanks to the data enrichment with external URIs (ISNI, VIAF, Wikidata etc.) and internal ones (the URI created by Share-VDE for each entity).

Fosters the **collaboration among institutions** and the information exchange with the **broader linked data community** in the library, archive and museum domains.



Thank you!

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tiziana.possemato@atcult.it

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

<https://share-vde.org>
info@share-vde.org