Share-VDE
A facilitator for the library community

Jio Institute Library Workshop, 9th November 2020

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Michele Casalini - Casalini Libri
Share-VDE: what it was and what it is
From pilot project...

October 2016 – January 2017
1985 and 2015 imprint titles; 2,249,397 bib-records and 3,601,327 auth-records.

March 2017 – May 2018
The entire catalogues for all resource types; 94,378,728 bib-records and 24,150,238 auth-records.

Production environment: January 2019 - in progress
Share-VDE triplestore currently contains 24 billion quads of converted data and 400 million triples of clustered entities
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 Sapientia 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-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

Author/creator
"Atwood, Margaret, 1939- author." Search catalog for text "Atwood, Margaret, 1939- author."

Format / description
Book. 419 pages; 25 cm

Published by
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

PRIZES
2019 Man Booker Prize

View this work

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
Integration - J.Cricket: the professional perspective

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 1963, he was awarded the Booker Prize for Rites of Passage, the first novel in what became his sea trilogy. To the ends of... — Wikipedia

2 original works merged

1 EIF work affected

Merge summary

<table>
<thead>
<tr>
<th>Destination</th>
<th>Attachments</th>
<th>Title</th>
<th>Contributors</th>
<th>Language</th>
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<td>English</td>
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View destination original work

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 to external IDs

<table>
<thead>
<tr>
<th>Name</th>
<th>OCLC</th>
<th>VIAF</th>
<th>Wikidata</th>
<th>LC</th>
<th>GND</th>
<th>BNF</th>
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<td></td>
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<td></td>
<td></td>
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<tr>
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<td></td>
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<tr>
<td>American basketball player</td>
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<td>Isaiah Thomas (or Isaiah Thomas, Sr. · I. Thomas · I.T. T.I.)</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Massachusetts printer, publisher and journalist</td>
<td>1749–1851</td>
<td>Q15503493</td>
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<td>Q05222223</td>
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Create new wikidata item for "John Doe"
Integration - the technological perspective

API Architecture

- Usability
- Sustainability
- Reliability
- Integration
- Testability
- Scalability
- Security

SVDE tenants

LD4P

PCC

folio+
Integration - new Authority services generation
Autonomy - the end user perspective

SVDE localisation for the University of Pennsylvania
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:

- Sapientia 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

IFLA-LRM

Work

Expression

Manifestation

Item

Item

is realized through

realizes

is embodied in

embodies

is exemplified by

exemplifies

BIBFRAME

Hub

Work

Instance

Item

Item

bf:hasExpression

bf:expressionOf

bf:hasInstance

bf:instanceOf

bf:hasItem

bf:ItemOf

Share-VDE

Opus

Work

Instance

Item

Item

bf:hasExpression

bf:expressionOf

bf:hasInstance

bf:instanceOf

bf:hasItem

bf:ItemOf
Shared vision - the end user perspective

Hans Belting

German art historian. Born 1935.

Hans Belting (born 7 July 1935 in Andernach, Rhineland-Palatinate) 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

<table>
<thead>
<tr>
<th>Original Work Title</th>
<th>Role</th>
<th>Work type</th>
<th>Year</th>
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<tbody>
<tr>
<td>The movement and the experience of &quot;iconic presence&quot;: An introduction</td>
<td>Author</td>
<td>Article</td>
<td>2019</td>
</tr>
<tr>
<td>Movement, images and iconic presence in the medieval world</td>
<td>Editor</td>
<td>Book</td>
<td>2019</td>
</tr>
<tr>
<td>Ein Afrikaner in Paris: Léopold Sédar Senghor und die Zukunft der Moderne</td>
<td>Author</td>
<td>Book</td>
<td>2018</td>
</tr>
<tr>
<td>A Venetian artist at the Ottoman court: An encounter of two worlds</td>
<td>Author</td>
<td>Article</td>
<td>2018</td>
</tr>
</tbody>
</table>
Sapientia ecosystem
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
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