



The Share family, a shared and integrated ecosystem for library linked data

[Linked Data and International Standards for Cultural Heritage](#)

Bruxelles, 13th September 2022

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Share-VDE as a library-driven community



Share-VDE in a nutshell

Since 2016, **R&D work** to facilitate libraries in the transition from MARC-based cataloguing to linked data

this expanded over time from the pilot project to **Share-VDE and the Share Family** of initiatives

<https://svde.org>

<https://wiki.svde.org/>

[Casalini Lab](#)

[Share - Linked Data Environment](#)

What Share-VDE does:

MARC data (or other traditional formats) are converted to linked data

data describing library resources are connected in a union catalogue, and can be queried as authoritative source

exposition for end users and professionals on the web platform www.svde.org

a platform to manage data in a linked open data environment



A cooperative and library-driven initiative

Share-VDE is a collaborative initiative 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**.





**A collaborative
community can
produce a gravitational
wave of energy that
expands...**



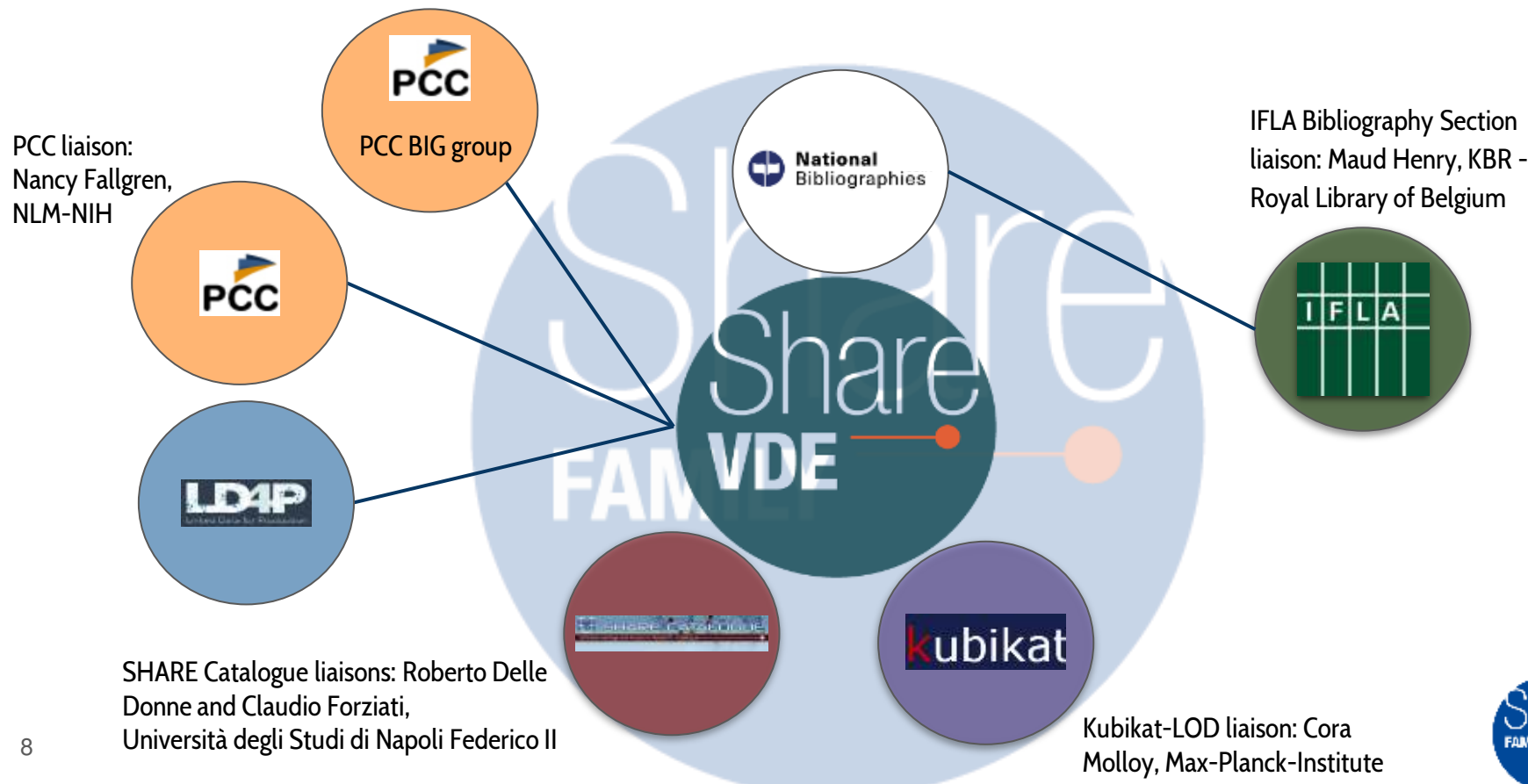
**... and meets other
communities, with
other energy to Share**

Active participation



Libraries members of SVDE and Share Family working groups and parallel projects are constantly contributing with their Subject Matter Experts to requirements gathering, functional analysis and feedback to developments.

Share Family and Share-VDE liaisons



Community engagement: library community



Extended community:
collaboration with
heterogeneous initiatives and
institutions in the library domain

Scientific value: sharing of data
and services in different
technological environments and
diverse bibliographical and
cultural context

Community engagement: World Wide Web



Mixed community: cross-domain cooperation across the Web community

Scientific value: same solutions serve scopes of different communities, data reuse

Share Family community work and outcomes



Active participation and concrete output

Libraries members of Share-VDE and Share Family Working Groups and parallel projects are constantly contributing with their Subject Matter Experts to requirements gathering, functional analysis and feedback to developments.

Share-VDE Advisory Council and Working Groups:

- Share-VDE Advisory Council
- Sapientia Entity Identification WG
- Authority/Identifier Management Services WG
- Cluster Knowledge Base Editor WG
- User experience/User Interface WG

Share Family Working Groups:

- National bibliographies Working Group involving SVDE members and external institutions
- Italian group for the conversion UNIMARC - BIBFRAME
- discussions in the field of photo libraries and audio-visual collections

Share-VDE Advisory Council

The [Share-VDE AC](#) takes 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 Family member institutions.

Latest outcomes: [Share-VDE Statement](#), September 2021:

- edited and approved by the Share-VDE Advisory Council;
- explanation of position in the broader context of Library Linked Open Data;
- Share-VDE has been a reference point in library linked open data since the initial R&D and prototype phase in 2016;
- cooperation: member libraries have contributed their data and are actively involved in the developments of the initiative.

Authority/Identifier Management Services WG

The [AIMS WG](#) defines guidelines and best practices for Authority/Identifier management; defines scope and data-flow for the creation and implementation of automated services based on preliminary documentation; proposes additional use cases identified as essential for effective knowledge base management.

Latest outcomes: new generation of services for the authority control

- definition of use cases;
- functional analysis;
- analysis of interaction with Wikidata and ISNI (joint work with CKBE WG to design J.Cricket functionalities);
- pilot of MARC-based authority services with Stanford University Libraries;
- initial analysis of services for authority control in linked data workflows.

Focus on Authority Services

Services for the authority control that combine automated and manual processes

For record environments:

- validation of MARC bibliographic records (correction of MARC fields and obsolete forms, update of tags and subfields etc.);
- enrichment of MARC fields with SVDE original URIs and URIs from external sources according to ad hoc profiling, including LCNAF, VIAF, ISNI;
 - Casalini Libri is ISNI registration agency creating and assigning ISNI to persons and organisations (e.g. publishers)
- matching processes on external authority files;
- import of authority records;
- reporting features providing complete details of the validation and corrections done to the records.

→ **initial release** of the authority control features for MARC records delivered to Stanford.

Next step developments: Authority Services fully integrated in the Linked Open Data environments.

Cluster Knowledge Base Editor WG

The [CKBE WG](#) analyses how libraries interact with the *Sapientia* Cluster Knowledge Base (CKB) and their use of the J.Cricket Editor for modifying (correcting / enriching), deleting, merging and separating clusters.

Latest outcomes: back-end developments for J.Cricket entity editor started

- definition of use cases;
- design of manual editing features;
- analysis of interaction with Wikidata and ISNI to be incorporated into J.Cricket and authority dataflows that feed the Cluster Knowledge Base (joint work with AIMS WG to design J.Cricket functionalities);
- back-end developments started; respective front-end features will follow throughout 2022.

How J.Cricket interacts with Wikidata

← →

Connect external IDs · Share-VDE

Share-VDE

Search all content...

Connect to external IDs

Name

Isalah Thomas

OCLC

VIAF


Wikidata


LC


GND


BNF


Other...




Isalah Thomas (or Isalah Jamar Thomas)
American basketball player - Born 1989
Q336030 




Isalah Thomas (or Isalah Thomas, Sr. · I. Thomas · I. T. · T. I.)
Massachusetts printer, publisher and journalist - 1749-1831
Q15503493 



Isalah Thomas (or Isalah Thomas, Jun. · I. Thomas, Jun.)
(1773-1819) · 1773-1819
Q55322233 

+

 Create new wikidata item for "John Doe" 

Connected

Wikidata item Q336030

This Wikidata entity has a potential duplicate on Wikidata

Review for merge

Isalah Thomas
American basketball player
1984-2017



Sex or gender
Male

Country of citizenship
United States of America

Country for sport
United States of America

Birth name
Isalah Jamar Thomas (English)

Date of birth
7 February 1989

Place of birth
Tacoma

Occupation
Basketball player

Position played on team / speciality
Shooting guard

Connect to this ID

Done

Sapientia Entity Identification WG

The [SEI WG](#) reviews use of entities, identifiers, and associated modelling in the Sapientia CKB; reviews and refine processes for Sapientia entity clustering in Share-VDE and the creation of associated open and stable URI for use in Share-VDE and the library community; reviews MARC to BIBFRAME and BIBFRAME to MARC conversion; engage with the library community to identify and/or develop best practices for use of Sapientia identifiers in BIBFRAME and MARC data.

Latest outcomes: svde:Instance as entity under definition

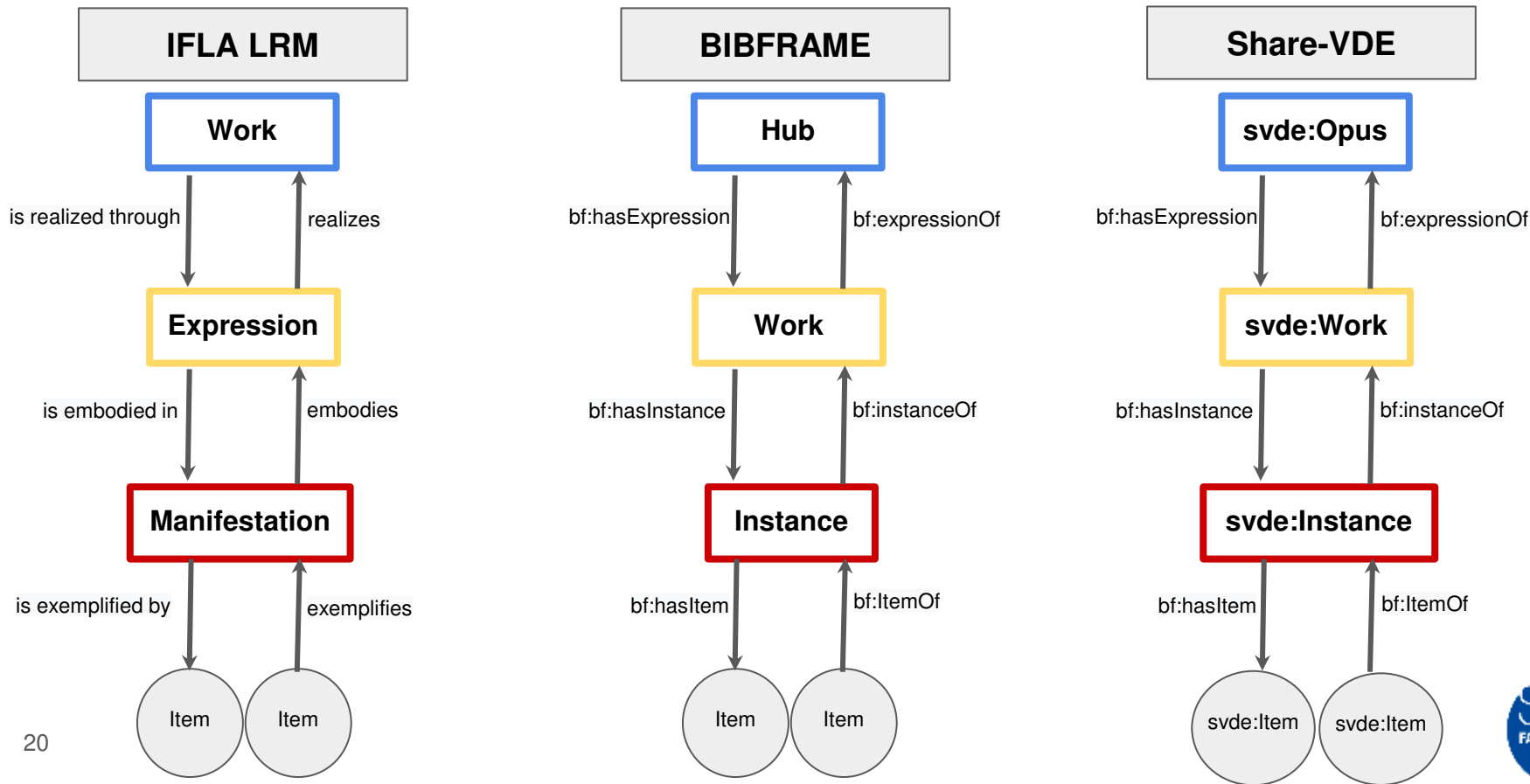
- 4 layers in [SVDE entity model](#): svde:Opus | svde:Work | svde:Instance | svde:Item;
- svde:Opus and svde:Work are types of bf:Work → this ensures interoperability;
- consolidating the definition of svde:Instance entity properties;
- review of clustering and conversion rules.

Focus on entity model

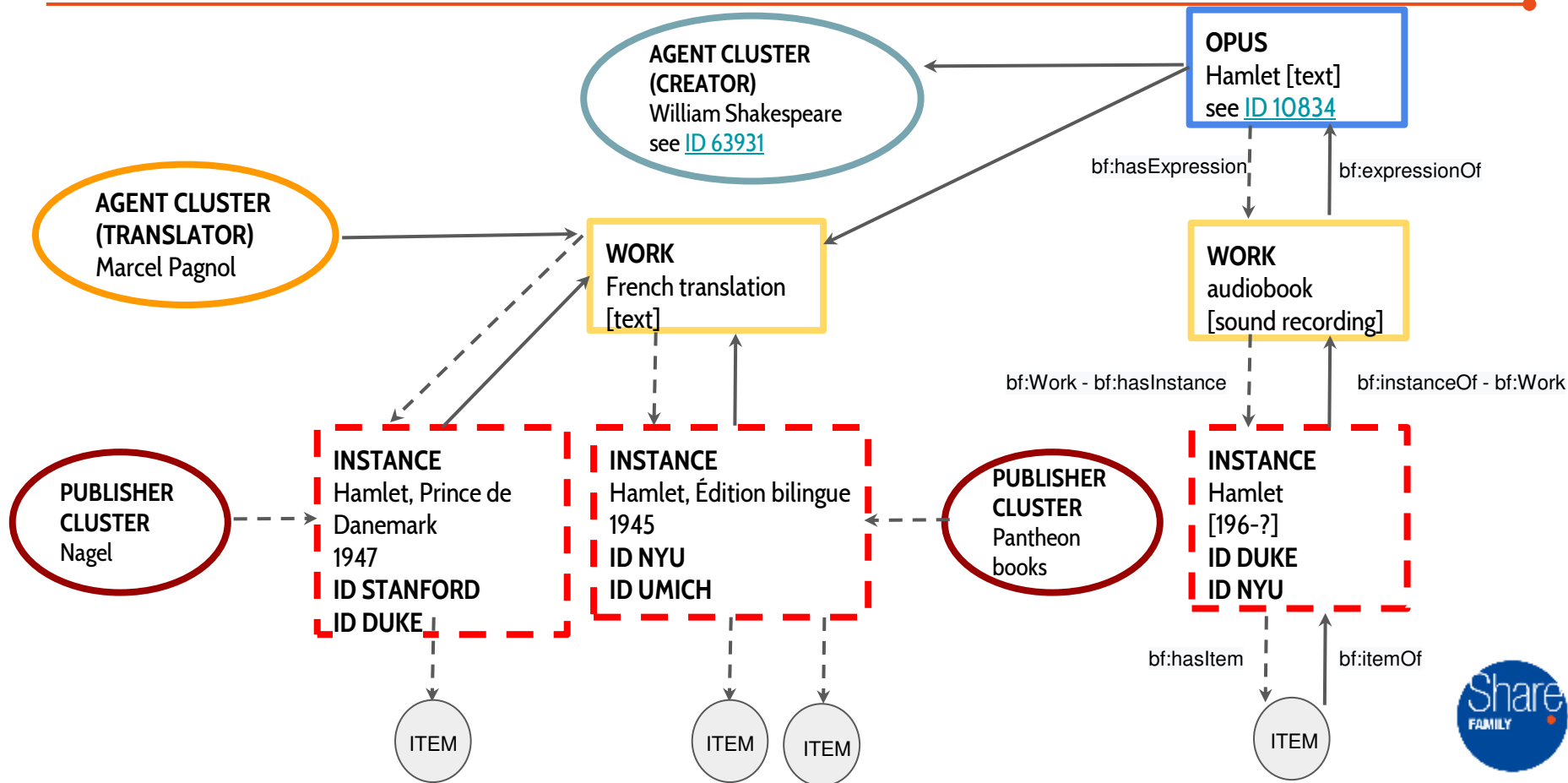
Share-VDE as a BIBFRAME node to put BIBFRAME into practice:

- Share-VDE provides enriched data that is [interoperable](#) with other BIBFRAME nodes and with other models;
- the Share-VDE working groups have reviewed algorithms and processed, and expanded the BIBFRAME model to meet real-world needs;
- focus on cooperation also in the IFLA context: the mapping UNIMARC-BIBFRAME is being prepared and a formal liaison with SVDE has been approved by the IFLA Bibliography Section Standing Committee.

Comparison IFLA-LRM/BIBFRAME/Share-VDE



Share-VDE model (simplified version)



User Experience/User Interface WG

The [UX-UI WG](#) has re-designed Share-VDE user interface to respond to both patrons and library staff requirements and expectations. The new interface:

- reflects the components of the Share-VDE data model infrastructure;
- harnesses the potential of linked data and deliver wide-ranging and detailed search results;
- provides an intuitive user experience hiding the complexity of the underlying data model;
- embeds partner APIs for the interoperability with local library services (e.g. lending);
- allows dedicated skin portals (e.g. Penn the branding of the institution).

Latest outcomes: Share-VDE 2.0 Entity Discovery <https://svde.org>

- new Entity Discovery Portal and new back-end infrastructure for the Linked Data Management;
- other [Share Family discovery portals](#) supported by the same technology.

Focus on Share-VDE 2.0 Entity Discovery

The screenshot displays the SHARE-VDE 2.0 web interface. At the top, there is a navigation bar with the text "SHARE-VDE" on the left, a search bar containing the query "william shakespeare" and a "Search all content..." button, and a "Log in" button on the right. Below the navigation bar, the main content area shows a search result for "William Shakespeare". On the left, there is a portrait of Shakespeare. To the right of the portrait, the name "William Shakespeare" is displayed in a large font, followed by a brief biography: "English playwright and poet (1564-1616). Born in 1564. Died in 1616." Below the biography, there is a "More options" button. Underneath the main content, there are two tabs: "Original works" and "Publications". Below the tabs, there are two filters: "Contributor" and "Genre". Below the filters, it says "30 results". Below the results, there is a "Sort by (A - Z)" dropdown menu. The first result is "(The) tempest" with the contributor "William Shakespare (auteur)". The second result is "Lacy's acting edition of plays, dramas, extravaganzas, farces, etc., etc., as performed at the various theatres (Drama)" with contributors "George Daniel (altro); Thomas Holles Lacy (altro); William Shakespeare (altro)".

A (much more) complex system with entity-based presentation layer, reflecting BIBFRAME and the ad hoc SVDE extensions

Improved user experience

Back-end infrastructure based on APIs and enhanced with a new version of the [LOD Platform framework](#) and of the CKB



Entity Discovery: data enrichment from external sources



Person

Leonardo da Vinci

Italian Renaissance polymath (1452-1519).

Leonardo di ser Piero da Vinci was an Italian polymath of the High Renaissance who was active as a painter, draughtsman, engineer, scientist, theorist, sculptor, and architect. While his fame initially rested on his achievements as a painter, he also became known for his notebooks, in which he made drawings and notes on a variety of subjects, including anatomy, astronomy, botany, cartography, painting, and paleontology. Leonardo's genius epitomized the Renaissance humanist ideal, and his collective works compose a contribution to later generations of artists matched only by that of his younger contemporary, Michelangelo. - Wikipedia

More options

Original works by

Publications by

Original works about

Filter original works...

3,505 results

No.	Title	Year	Genre	Creators
1	1478, a year in Leonardo da Vinci's career			Edoardo Villata (author)
2	1499			Luisa Cogliati Arano (author)
3	1518-2019 - La ville d'Amboise et son château royal au cœur d'un grand anniversaire			Jean-Louis Sureau (author) Christian Guyon (author)
4	1519. La mort de Léonard			Leonardo da Vinci (artist) Gennaro Toscano (editor) Xavier Lacaillie (editor) Schloss Amboise (host institution)

Entity Discovery: data enrichment from external sources



Volume 1

Inferno

First part of Dante's Divine Comedy. 1314 fiction.

Inferno is the first part of Italian writer Dante Alighieri's 14th-century epic poem Divine Comedy. It is followed by Purgatorio and Paradiso. The inferno describes Dante's journey through Hell, guided by the ancient Roman poet Virgil. In the poem, Hell is depicted as nine concentric circles of torment located within the Earth; it is the "realm ... of those who have rejected spiritual values by yielding to bestial appetites or violence, or by perverting their human intellect to fraud or malice against their fellowmen". – Wikipedia

This is part of the series Penguin epics, Norton critical edition, Penguin classics, and Hesperus poetry.

More options ▾

Library-held publications of this

Related agents

Filter publications...



Publication year

Publication place

49 results

Title	Language	Publication year	Format	Contributors
The inferno	English	2015		Stefano Albertini (editor)

Entity Discovery: data enrichment from external sources



Person

Vincent van Gogh

Dutch post-impressionist painter (1853–1890).

Vincent Willem van Gogh was a Dutch Post-impressionist painter who posthumously became one of the most famous and influential figures in Western art history. In a decade, he created about 2,100 artworks, including around 860 oil paintings, most of which date from the last two years of his life. They include landscapes, still lifes, portraits, and self-portraits, and are characterised by bold colours and dramatic, impulsive and expressive brushwork that contributed to the foundations of modern art. He was not commercially successful and, struggling with severe depression and poverty, committed suicide at the age of 37. – Wikipedia

More options ▾

Copy URI for this page

<https://kubikat-4ad.org/agents/541652966688295>

Copy

Download the page in these formats

.json

More information related to this person on other websites

❏ isni record

❏ wikidata record

❏ icnaf record

❏ bnf record

❏ viaf record

Original works by

Filter original works...

268 results

No.	Title
1	45 lettres à Vinc
2	Aardappeleters

ul Gauguin (author)
Hanna Gosira van Gogh-Bonger (other)
Vincent van Gogh (other)
James Cooper (other)
van Gogh (other)

egle Gerritse (author)
Vincent van Gogh (artist)
Rijksmuseum Vincent van Gogh (sailing body)

National bibliographies WG

The [National bibliographies WG](#) is dedicated to the practical cooperation among the National Bibliographies, to address the needs of National Libraries and institutions that hold National Bibliographies in the framework of a shared entity discovery environment such as the Share Family of initiatives.

Main updates:

- involvement of SVDE / Share Family members and external institutions;
- IFLA Bibliographic Section liaison (Maud Henry from KBR - Royal Library of Belgium);
- discussion around topics of interest for an ad hoc tenant hosting national bibliographies;
- main tenant of the shared discovery environment for national bibliographies:
<https://natbib-lod.org/>
- analysis of use cases for specific features.

National bibliographies WG - latest outcomes

- Study and address the needs of institutions that hold National Bibliographies WRT linked data platforms;
- goal: build a shared discovery environment hosting LOD National bibliographies dataset;
- British Library is early adopter: the British National Bibliography will be the first national bibliography tenant for the Share-VDE virtual discovery environment
 - **National Bibliographies tenant** - <https://natbib-lod.org>
 - with the skin for the British National Bibliography <https://bl.natbib-lod.org> (*Note: the skin for the British National Bibliography is a preview of a beta site*)
- the group is currently analysing use cases for ad hoc features of the shared National Bibliographies portal.

Share Family tenant infrastructure



The Share Family core principles

- Redundancy of data is complex to manage
- Linking entities is easier than duplicate data
- Cooperate and maintain autonomy at the same time
- Homogeneity of datasets and possible services to be shared
- Centralize core data through a lightweight method
- Distribute the technologic load to achieve long-term sustainability
- Profile levels of cooperation among systems and initiatives

Solution in the Share Family architecture

Creation of more branches in the Share Family, named **tenants**

Consistent groups of institutions gathered by **similar scope or from the same domain**:

- Share-VDE

- Share-Catalogue

- PCC data pool

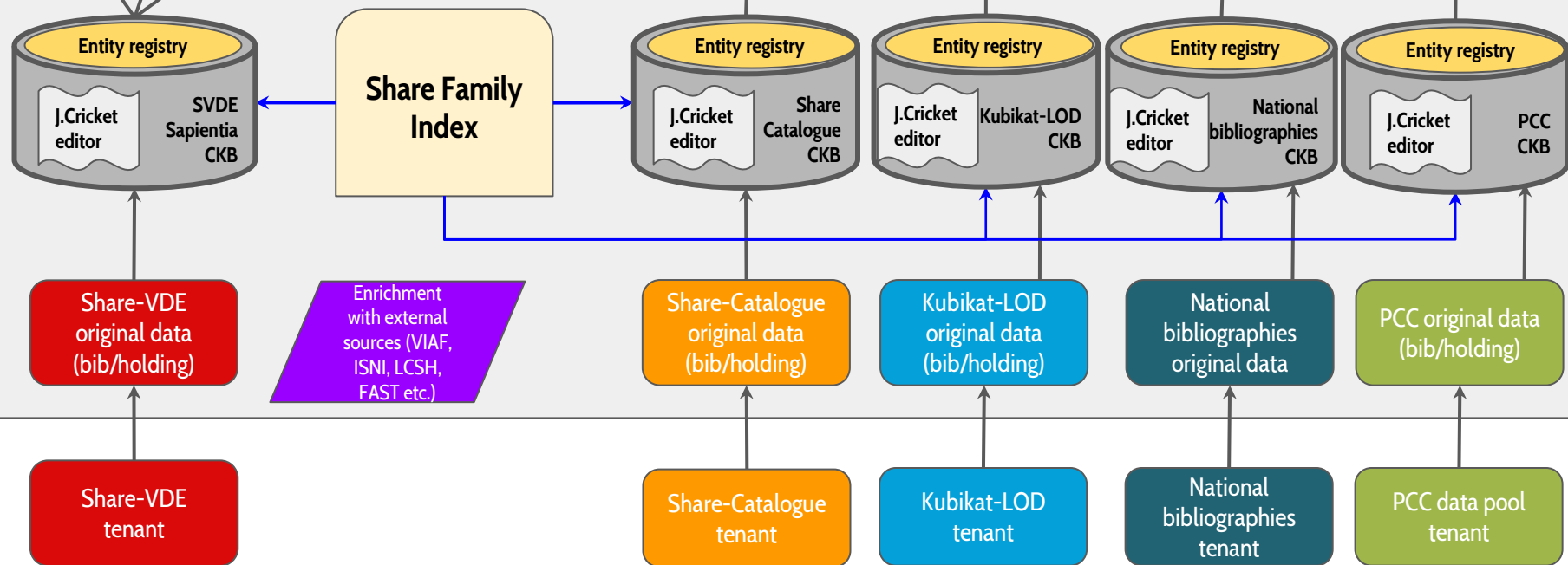
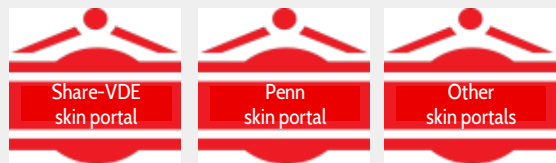
- National Bibliographies Group

- Kubikat-LOD

- Parsifal project (network of ecclesiastical university libraries in Rome)

Share Family tenant infrastructure

Share-VDE User Interface



Benefits

- More efficient data management
- Technological sustainability
- Dedicated applications and services tailored to the institutions members of the various branches
- From the users perspective this enables richer and specialized sets of resources to be used.

Live tenants and skin portals

- **SVDE tenant** - www.svde.org => with LC's authority data and the bibliographic data of Stanford, UPenn and Smithsonian Institution. Further catalogues of participant libraries will follow in July.

In addition the specific skins for the following institutions containing their respective data are:

<https://penn.svde.org> (integrations via APIs will follow)

<https://stanford.svde.org>

- **PCC tenant** - <https://pcc-lod.org> => with the PCC datapool.
- **National Bibliographies tenant** - <https://natbib-lod.org>
with the skin for the British National Bibliography <https://bl.natbib-lod.org> (*)
- **Kubikat tenant** - <https://kubikat-lod.org>
Kubikat art history libraries group

(*) *Note: the skin for the British National Bibliography is a preview of a beta site.*



Maximise efforts - Promote autonomy

The main purpose of this centralized architecture is to ensure **long-term sustainability** while favoring the **autonomy** of each tenant.

To foster this vision, it is essential to avoid ad hoc developments while ensuring the ability of local customizations. This flexibility is achieved through mechanisms that allow each tenant to selectively enable functions according to the purpose:

- on/off mechanism
- optional default configurations
- local features/services

On/Off mechanism example

The screenshot shows the Kubikat search interface. At the top, there's a search bar with 'vittorio sgarbi' entered. Below the search bar, there are three tabs: 'Publications (1.9K)', 'People and organizations (17)', and 'Original works (716)'. The 'Publications (1.9K)' tab is selected. Below the tabs, there's a section titled 'Results that match both of the terms vittorio and sgarbi.' followed by a row of filters: Language, Year, Type, Library, Electronic / print, and Format. To the right of these filters is a 'Sort by: Relevance' dropdown. Below the filters, it says '1,868 results'. There are three result entries, each starting with a 'Publication' icon. The first entry is 'Capolavori del Museo Sartorio scelti da Vittorio Sgarbi' by Maggioli Musei. The second entry is 'Intervista a Vittorio Sgarbi : gli antiquari visti da' published in Giornale dell'arte. The third entry is 'Le stanze segrete di Vittorio Sgarbi : Lotto, Artemisia, Guercino' by Silvana Editoriale. A blue box with the text 'Facets and filters' is overlaid on the right side of the results.

Kubikat Options

vittorio sgarbi

Advanced search

Publications (1.9K) People and organizations (17) Original works (716)

Results that match both of the terms vittorio and sgarbi.

Language Year Type Library Electronic / print Format Sort by: Relevance

1,868 results

Publication

Capolavori del Museo Sartorio scelti da Vittorio Sgarbi
Volume. Published in Italian in 2017 in Santarcangelo di Romagna by [Maggioli Musei](#).

Publication

Intervista a Vittorio Sgarbi : gli antiquari visti da
Published in [Giornale dell'arte](#). Volume. Published in Italian in 1997.

Publication

Le stanze segrete di Vittorio Sgarbi : Lotto, Artemisia, Guercino
Volume. Published in Italian in 2016 in Cinisello Balsamo, Milano by [Silvana Editoriale](#).

Publication

Facets and filters

Default configuration: SVDE and PCC data pool

Simple search default configuration

 ShareVDE BETA

Search for people, original works and publications

e.g. *Jules Verne* or *Around the world in 80 days*



[Advanced search](#)

Explore the library data of the 20+ Share-VDE member libraries

[Learn more](#) [Options](#) ▼

 THE PCC CATALOG BETA

Search for people, original works and publications

e.g. *Jules Verne* or *Around the world in 80 days*



[Advanced search](#)

Explore the open pool of PCC-quality BIBFRAME data housed by the Share
Family initiative

[← Back to PCC](#) [Learn more](#) [Options](#) ▼

Default configuration: British National Bibliography

Simple search default configuration and the BNB - British National Bibliography skin

**BRITISH NATIONAL BIBLIOGRAPHY** BETA

Search for people, original works and publications

[Publications](#) [Original works](#) [People and organizations](#)

[Language](#) [Year](#) [Type](#)

[Advanced search](#)

Explore linked open data for books and journals published or distributed in the United Kingdom and Ireland since 1950, and electronic publications since 2013

[← Back to British Library](#) [Learn more](#) [Options](#)

Publication

Fruit of the lemon

Volume. Published in English in 2006 in Leicester by Charnwood.

ISBN: 1844771228
BNB: 084488202
Identifier: p188165338778206
Notes: 1x
Acquisition term: £18.99
Bibliographic level: monograph
Cataloguing source: SICI/SDO
Descriptive cataloguing form: AACR
Dimensions: 24 cm
Bibliotic statement: Large print ed.
Encoding level: Full
Access: £18.99 (large print)
Access status: increase in existing level from previous
Responsibility statement: Andrew Lipp

Explore the BNB at the British Library

Copy URL for this page

Copy

Download the page in these formats


[json](#)
[HARC \(binary\)](#)
[HARC \(XML\)](#)
[RDF](#)

Related agents


Subjects

Local services: University of Pennsylvania

Penn Libraries Catalog

Search all content...  [Log in](#)

William Shakespeare Hamlet




Original Work

Hamlet


Written by William Shakespeare in English


The Tragedy of Hamlet, Prince of Denmark, often shortened to Hamlet ('hæmlit'), is a tragedy written by William Shakespeare sometime between 1599 and 1602. Set in Denmark, the play depicts Prince Hamlet and his revenge against his... — [Wikipedia](#)

[Read online now](#)  [Get it now at Van Pelt](#) [More options](#)

Library-held publications of Hamlet **Related Original Works**

8 results

 [Availability](#) [Language](#) [All filters](#) ☐ Held at Penn

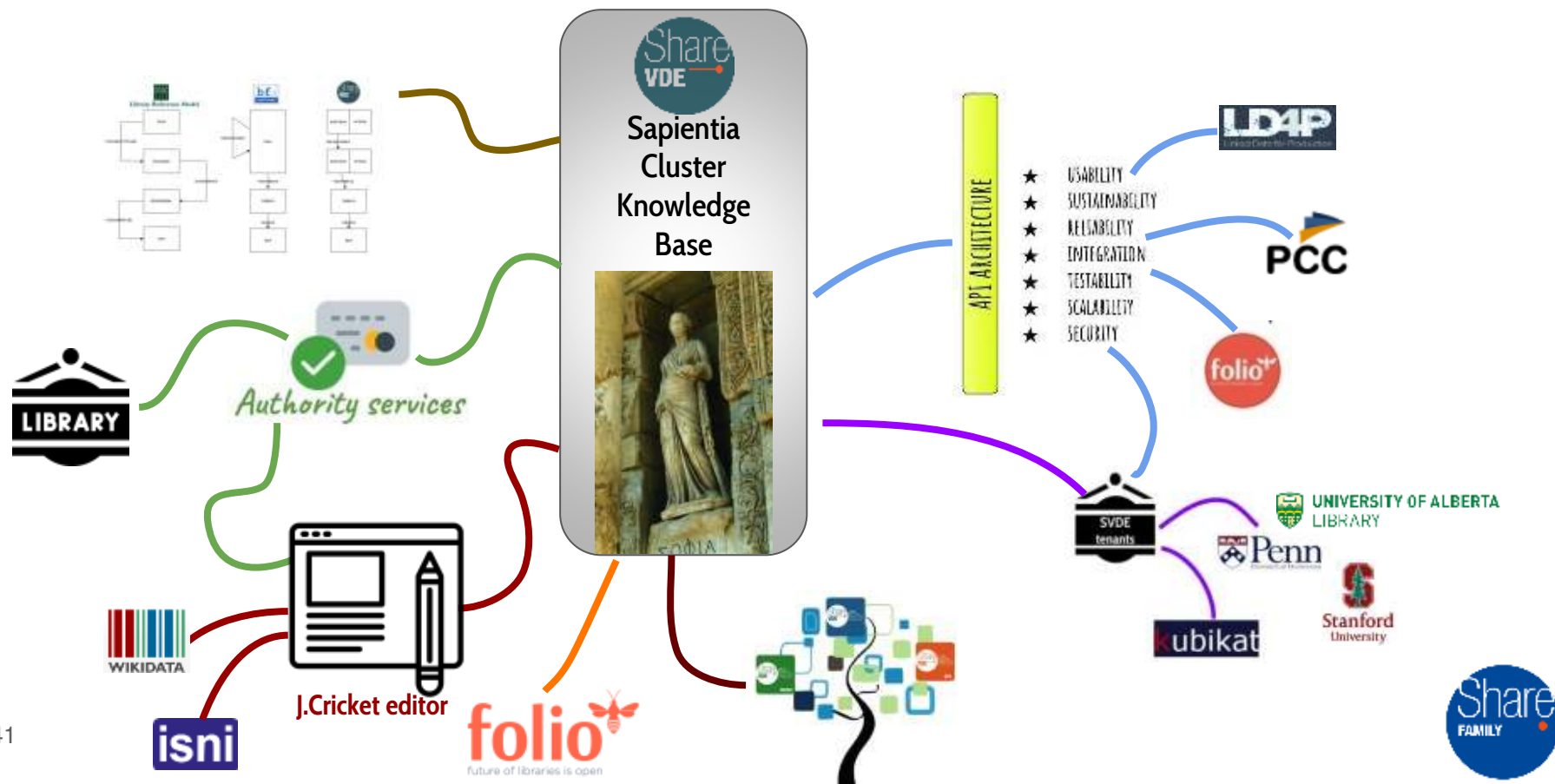
Title	Person name	Language	Location	Availability	
• Hamlet: Second quarto	• Michael Heppell	English	Penn	Available online	
• Hamlet. A new version [by] Rouben Mamoulian	• Mike McClement	English	Penn	Available online	

[Penn circulation services](#)

J.Cricket entity editor



Towards the Share-VDE Sapiientia CKB ecosystem



From linked data publication to linked data editing



SHARE VDE

Search all contents...

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 1985, he was awarded the Booker Prize for *Flies 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 Goulding	English	1954
<input checked="" type="checkbox"/> Flies of Passage, 1956 novel	William Goulding	English	1956
<input checked="" type="checkbox"/> Flies of Passage	William Goulding	English	1956

End of list

Click to add to merge list

2 original works selected View selected

Deconstruct 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		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

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 in a cooperative way:

- 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

J.Cricket 1.1.0: Features Recap

- **AAA:** Authentication + Authorization + Auditing
- **Cluster Status API**
- **Edit Cluster**
 - real time notifications (through GraphQL subscriptions) about cluster property changes
- **Merge:** C1, C2, C3 => C1, ~~C2~~, C3
 - Multiple phases: create the merge list, edit the merge list, edit clusters, request for review, approve (or deny the merge)
- **Split (Cluster):** C1 => C1, C2
 - C2 could even be a new cluster
 - Multiple phases: create the split-set, edit the split-set, edit clusters, request for review, approve (or deny the merge)
- **Dictionary API:** What are the available cluster types? Which attributes belong to a cluster type? Which relationships? Given an attribute, which is its cardinality? Is it mandatory or not?
- **Data changes synchronization across Share-VDE storages (e.g. RDF Store, Search Engine, RDBMS)**
- **Entity Event Log (aka cluster changes):** give me the history of changes of a given cluster
- **User notifications:** for managing the merge/split review lifecycle

Where we stand and a look ahead



Major achievements since September 2021



Release of **Share Family tenants** (beta version): Kubikat-LOD, Natbib-LOD, PCC-LOD



New release of the Entity Discovery Portal 2.0 supporting an enhanced CKB, including (among others):



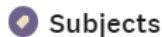
Instance as entity



Default simple search configuration



Skin portals supporting features specific to the individual skin (e.g. the [British National Bibliography skin](#) within the [Natbib-LOD tenant](#))



Initial version of **Subject management**, including various subject schemes (e.g. National Library of Finland subjects) linked subject strings and the display of concepts



Major achievements since September 2021



New system infrastructure migrated to **AWS - Amazon Web Services**



Start of developments of **J.Cricket** Entity Editor



Iterations of clustering process on svde.org: currently approx. 73 MARC authority and bibliographic records processed and approx. 139 millions entities created

now online: Duke University, Library of Congress, National Library of Finland, National Library of Norway, New York University, Smithsonian Institution, Stanford University Libraries, University of Alberta, University of Pennsylvania



In progress: refinement of **project coordination**
(e.g. aggregated release notes, issue tracking system)

Goals for the next future

2022, Q3-Q4

J.Cricket developments

Back-end: planned to be completed in October.
Front-end: end of back-end feature + ≥ 1 month. Features are being developed one by one, to enable testing iterations

2022, Q3-Q4

Change management module

AKA "delta update" module, to enable regular imports of MARC records for continuous update of SVDE data

2022, Q3-Q4

RDFizer (evolution of the LOD Platform RDF conversion tool)

It will support (among others) the import of Sinopia data to close this loop

2022, Q3-Q4

Third parties' tools and protocols

Tools/Protocols for third parties' usage and data harvesting
Including APIs, OAI-PMH, Atom feeds and Activity stream

2023, Q1

Share Family Index

Set-up of interconnections among tenants

2023, Q1

Item as entity

Creation of entity clusters of items

**Continuous enhancement of the
Share Family Entity Discovery Portals**





Thank you

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