

Release Notes

Share Family software version 3.0.0.



Document Number: REL-3.0.0.

This edition applies to Share Family software Version 2.7.1., Release 3.0.0.

The release encompasses the following components of Share Family <u>LOD Platform technology</u> framework: Cluster Management Module (component managing the clusters of entities), API layer, Moonlight (front-end module), RDBMS (database), RDFizer (BIBFRAME / RDF conversion module). This release addresses both bug fixes and new developments (enhancements).

The software versions released over time are shared across all layers of <u>Share Family initiative</u>'s technology.

For an overview of the software versions installed on the different environments, see <u>Share Family AWS</u> environments summary.

Implementations described in this document are identified by an ID (eg. SVDE-8871) and a title. Highly technical details, not relevant for end users, are not included in this document.

Further information on descriptive tasks corresponding to implementations can be found in the <u>Jira portal</u>, accessible to member institutions.

For more information on the LOD Platform technology, consult the public documentation available on the wiki page <u>https://wiki.share-vde.org/wiki/ShareDoc:PublicDocumentation</u>.

If you have any comments on this publication, please send them to info@svde.org



1 General notes

1.1. Contents

This document lists and briefly describes the main enhancements and fixes that are implemented for this release.

Being a major release, several important features and new components have been added to the system, ie. Delta processes, UNIMARC services and JCricket entity editor, the platform's shared cataloguing tool. A short description of each is included in the corresponding section.

1.2. Installation notes

1. This release of Share Family software version 3.0.0. involves changes to the latest published version of the software 2.7.1. Being a major release that introduces many changes in the software, the release plan foresees the installation of version 3.0.0 initially in a test environment <u>https://test.svde.org</u>.



2 Solved Bugs

2.1. Cluster Management Module

- SVDE-5424 Agent not showing links to external authority sources Some Agents are without external sources
- SVDE-7832 One relation in 700 1\ is not visible Missing relationship for 700 tags at Work/Instance level
- SVDE-7991 Wrong Agent relationship for Publication entity Wrong relationship for 700/264/260 tags at Work/Instance level
- SVDE-8007 Opus without Agent relationship Missing relationship between Opus and Agent entities
- SVDE-8014 MediaType term values management Manage the MediaType term as a controlled vocabulary
- SVDE-8089 Wrong subject Agent string Some subject Agent strings are wrong
- SVDE-8885 Failed entity clustering (agent and original work) The same Agent and the same Original works are duplicated in CKB
- SVDE-9052 Agent connected to a publication even though not mentioned in corresponding marc record Some clusters have a relationship with an Agent not mentioned in MARC record
- SVDE-9083 Failed to connect corp. agent in 710 to Opus/publication Missing relationship between Opus and Agent entities
- SVDE-9084 Failed to connect agent in 700, even though valid role designator i \$e

Missing relationship and relator codes between Opus and Agent entities

- SVDE-9193 Management of Agent with roles not recognized New rules to manage Agent with roles not recognize
- SVDE-9223 Agent birthplace retrieved from LCNAF Fuller Name field

The birthplace of Agent is wrongly retrieved from LCNAF's "Fuller Name" field

• SVDE-9227 2 different clusters for "J. K. Rowling" with the same external authority sources IDs Two different clusters have been created for "J. K. Rowling," but the

same external IDs have been associated with both

• SVDE-9228 Incorrect author association for Opus "Romeo and Juliet"

The Opus "Romeo and Juliet" is associated to two different, non-reconciled Agents for "William Shakespeare

• SVDE-9229 Incorrect display of creation year of Opus



The creation year of some Opuses is incorrectly shown

- SVDE-9267 Agent with double birth date Some Agents have two different birth date in the description
- SVDE-9268 Empty clusters Some clusters (Agents and Opuses) are empty, so they are without any relationships
- SVDE-9319 Wrong reconciliation of Publisher Publications by "Oxford University Press have been incorrectly linked to "Oxford University Press. Hire Library". A similar issue occurs with "Cambridge University Press"
- SVDE-9376 [NatBib test] Agent name wrongly displayed with question mark

The Agent "National Statistics?" is displayed with a question mark at the end of the name. The MARC21 records of the Publications related to this Agent display the name correctly

• SVDE-9405 [NatBib test] Wrong Opus reconciliation The Opus Fight and Flight has been wrongly reconciled with the Series Opus Writing Wales in English

• **SVDE-9694 [Delta test] Agent information not updated** The preferred Name of an Agent is not updated

2.2. API

• SVDE-4449 Description and summary fields aren't present in entity data

Management for attributes Description and Summary: the attribute 'description' is not an Agent property; the 'summary' is an attribute of Work only

- SVDE-7984 Duplicate provenance in locals' provenances Manage multiple attribute values for the same provenance
- SVDE-7747 For some instances, some fields contain duplicate data Manage multiple attribute values on the basis on different languages
- SVDE-8212 Record download from Publication page SOMETIMES returns empty records Bibliographic records downloaded from Publication page are sometimes empty
- SVDE-8804 [UAT test] MARC record download not available for some Publications For many Publications in the UAT environment, MARC records are not available
- SVDE-8807 [Delta test] MARC21 download not available During DELTA test in NATBIB platform we notice that the download for MARC21 records is never present
- SVDE-9374 [NatBib test] MARC21 records not available for download

During test in NATBIB platform we notice that the download for MARC21 records is never present



2.3. Moonlight (front-end module)

- SVDE-8028 Publication search by publicationYear: use 4-digit format when year<100 When a year query is submitted with year < 100, use a format such as 00xy in the query parameter
- SVDE-8488 On holistic environments, always parse the identifier for publications as capital "I" Publication page should display regardless of how the publication identifier is formed
- SVDE-8744 Range slider has no step in between start and end values
 The range slider in filters doesn't allow selecting the "in between"

The range slider in filters doesn't allow selecting the "in-between" values, but jumps to start or end of the range

- SVDE-8776 ExactMatch search doesn't normalize on diacritics Different results in ExactMatch search for string with and without diacritics
- SVDE-8780 Fix spell checking

Not shown "spell check suggestions" when there are 0 results

- SVDE-8887 Screenreader: Links with previews not accessible Screen reader focus should not trigger the preview, and even if it must for technical reasons, focus should not be moved to the preview
- SVDE-8908 Screenreader: DataTable 'Show more' button not accessible in table mode When DataTable is in table mode, the 'show more' button is not

When DataTable is in table mode, the 'show more' button is not reachable using the screen reader, making it invisible for users using a screen reader

- SVDE-9036 Handle errors in results tabs Empty tab on entity pages when there is an issue with API module
- SVDE-9046 Update Apollo type policies for Facets (bug when loading more entities) In the list result, the "Show more" function doesn't seem to load
- SVDE-9103 Change label of portal switching button on Crow portals

Change the current label (wrong): Switch to another SVDE portal, to the new label: Switch to another National Bibliographies portal

• SVDE-9141 Number of matches in simple search tabs not updated properly

The number of matches in simple search tabs are not updated properly

- SVDE-9253 In advanced search, can't search for opuses by work In advanced search, can't search for opuses by work
- SVDE-9373 Wikidata queries fail On certain environments Wikidata queries fail. On others they work. When the query fails a fallback description based on cluster data is used instead of Wikipedia summary.
- SVDE-9387 [NatBib test] Year range filter bar not properly working

The Year range filter bar is not working properly

• SVDE-9431 Text missing on NLN frontpage



NLN (and other sites) have lost the headline. All sites should show "primary headline"

3 Enhancements

3.1. Cluster Management Module

- SVDE-4012 NLN: import new file of work in CKB Upload the "Curated works" from the NLN source in the new clusterization process.
- SVDE-4574 Accept Marc XML format as clusterization input The system accepts file in MARC21XML in addition to MARC21 binary
- SVDE-4765 Clustering: add genreForm from 047 tag + management of 048

Management of new attributes from MARC21 bibliographic tags 047 and 048

- SVDE-4806 Name/Title variant form management Management of variant forms of Nome/Title in clusterization process: in presence of tag 4XX, it will be consider only the string referred to title as a variant form, excluding the string referred to name
- SVDE-5008 Item Clusterization: "provenance" attribute must be the owning library code

Management of the attribute Provenance for items.

• SVDE-5072 Management of ISSN-L for Opus and ISSN for instance (clustering) Management of the attribute ISSN-L for Opus and the attribute ISSN for

Management of the attribute ISSN-L for Opus and the attribute ISSN for Instance

• SVDE-5187 [VERIFY] Multiple Opuses for the same Instance (Clustering)

Management of multiple Opuses for the same Instance starting from NLN records

- SVDE-5323 Management and/& as same value Management of strings and/& as equivalent in titles, to avoid duplications for Opuse and Instance entities.
- SVDE-5448 Item creation for New York library Management items for NY library
- SVDE-5460 Update attributes for Opus/Work from LOC mapping Update the attributes for Opus/Work on the basis of the new LOC mapping
- SVDE-8030 Wrong Opus clusterization exceptions Management of specific cases for Opus clusterization



- SVDE-8110 Ordinal number for all tenants Management of the attribute Ordinal number
- SVDE-8111 Subject enrichment for LOC source Enrich the Subject entity with URI from LOC source (LCSH)
- SVDE-8112 Subject enrichment for FAST source Enrich the Subject entity with URI from FAST source
- SVDE-8114 Update attributes for Instance from LOC mapping Update the attributes for Instance on the basis of the new LOC mapping
- SVDE-8115 Subject enrichment for LCGFT source Enrich the Subject entity with URI from LOC source LCGFT
- SVDE-8194 Media type as controlled vocabulary Manage the attribute Media type as a controlled vocabulary
- SVDE-8663 TargetAudience vocabulary Create a new controlled vocabulary for the attribute TargetAudience (Opus attribute)
- SVDE-8760 NLF relationship between Multi volume and single volume

Management of the relationship tags for Multi volume/single volume for NLF data

- SVDE-8840 SinopiaParser creation Creation of a specific parser to manage Sinopia data
- SVDE-8842 Sinopia Attributes and clusterization for OPUS entity Management of SVDE Opus creation from Sinopia data
- SVDE-8843 Sinopia Attributes and clusterization for AGENT entity Management of SVDE Agent creation from Sinopia data
- SVDE-8844 Sinopia-Parse for Work records of Sinopia Development of the parser for Sinopia Work
- SVDE-8846 Sinopia Parse for Instance records of Sinopia Development of the parser starting for Sinopia Instance
- SVDE-8848 Sinopia Attributes and clusterization for SUBJECT entity

Management of SVDE Subject creation from Sinopia data

- SVDE-8864 Management of 773 tag for NLF Management of the tag 773 for NLF data
- SVDE-8879 Item creation for Qatar National Library Management items for Qatar National Library
- SVDE-9068 Management of the string with the same value of & Management of the equivalence between and/& in other languages then English
- SVDE-9080 Manage tag MARC21 046 for Opus/Work entities Management of the the authority tag MARC21 046 for entities Opus/Work, in the same way of tag 046 for bibliographic records
- SVDE-9179 Implement the parse function for Sinopia record Implementation for the parse function for Sinopia records
- SVDE-9180 Parsing Record type Parse function for the record type from Sinopia records
- SVDE-9181 Parsing Language and CatalogLanguage of Sinopia Work



Parse function for the attributes Language and CatalogLanguage from Sinopia Work

• SVDE-9182 Implement a function for retrieving Sinopia resource by the URI

Implementation for a specific function to retrieve Sinopia resource by the URI

- SVDE-9183 Parsing title of Sinopia Instance Parse function for the Title from Sinopia Instance
- SVDE-9184 Parsing Work Attributes Parse function for the attributes from Sinopia Work
- SVDE-9186 Parsing origin place of Sinopia Work Parse function for the attribute Origin place from Sinopia Work
- SVDE-9187 Parsing GenreForm of Sinopia Work Parse function for the attribute GenreForm from Sinopia Work
- SVDE-9189 Parsing Contribution of Sinopia work Parse function for the Contribution from Sinopia Workk
- SVDE-9192 Parsing subjects of Sinopia Work Parse function for the Subjects from Sinopia Work
- SVDE-9194 Parsing Identifier of Sinopia Instance Parse function for the Identifier from Sinopia Work
- SVDE-9205 Creation and Management "Undefined" role Management of the new role "Undefined" when it's not possible to recognize role from label or code present in \$e or \$4 subfields
- SVDE-9242 Parsing Title of Sinopia Work Parse function for the Title from Sinopia Work
- SVDE-9243 Parsing Linking entry of Sinopia Work Parse function for the Linking entry from Sinopia Work
- SVDE-9244 Parsing publisher of Sinopia Instance Parse function for the Publisher from Sinopia Instance
- SVDE-9245 parsing Instance Attributes of the Sinopia Instance Parse function for the attributes from Sinopia Instance
- SVDE-9246 Parsing Edition Statement of Sinopia Instance Parse function for the attribute Edition Statement from Sinopia Instance
- SVDE-9247 Parsing bibliographic level of Sinopia Instance Parse function for the attribute bibliographic level from Sinopia Instance
- SVDE-9248 Parsing IntendedAudience of Sinopia Work Parse function for the attribute IntendedAudience from Sinopia Work
- SVDE-9255 Sinopia Attributes and clusterization for WORK entity Management of SVDE Work creation from Sinopia data
- SVDE-9256 Sinopia Attributes and clusterization for INSTANCE entity

Management of SVDE Instance creation from Sinopia data

- SVDE-9269 Name qualifier attribute for Person Management of the attribute Name qualifier for Persons entity
- SVDE-9285 Creating inventory attribute for item entity Creation for the item entity the new attribute: "Inventory number", that is always unique identification number (different from barcode)
- SVDE-9292 Location attribute for Meeting



Management the attribute LOCATION for Meeting entity

- SVDE-9294 Disambiguation of attribute Credits Disambiguation of the attribute Credits, now used for to two MARC21 tags with a different meaning and treatment
- SVDE-9295 Disambiguation of attribute Duration Disambiguation of the attribute Duration, now used for to two MARC21 tags with a different meaning and treatment
- SVDE-9314 Disambiguation of attribute Note Disambiguate the attribute Note, now used for five MARC21 tags with a different meaning and treatment.
- SVDE-9315 Disambiguation of attribute Frequency Disambiguate the attribute Frequency, now used for three MARC21 tags with a different meaning and treatment
- SVDE-9316 Disambiguation of attribute Variant title Disambiguate the attribute Variant title, now used for two MARC21 tags with a different meaning and treatment
- SVDE-9324 New process to manage holding/items for each tenant/institution

Creation of a process that allows you to manage library copy data

- SVDE-9328 Sinopia relationship for OPUS ENTITY Parse function for the relationships of SVDE Opus entity from Sinopia data
- SVDE-9329 Sinopia relationship for WORK ENTITY Parse function for the relationships of SVDE Work entity from Sinopia data
- SVDE-9330 Sinopia relationship for INSTANCE ENTITY Parse function for the relationships of SVDE Instance entity from Sinopia data
- SVDE-9331 Sinopia relationship for AGENT ENTITY Parse function for the relationships of SVDE Agent entity from Sinopia data
- SVDE-9352 Sinopia-Cluster agent reconciliation Function to reconcile Agent entities from Sinopia data
- SVDE-9756 HasInstances management for Subject and his concepts The subject, when not linked to a work marked as has instances false, be marked as has instances false, and consequently also for his concept opus and/or agents

3.2. API

- SVDE-4848 Notification API: create svde-notification-api module Creation of a API module for notifications
- SVDE-4849 Notification API: Channel Listener Management in the notification module of a queue listener
- SVDE-4850 Notification API: Design the Notification Message Design of a notification message
- SVDE-4851 Notification API: REST



Implement the API for managing notifications in the Notification Module.

- **SVDE-4853 Notification API: Async integration channel** Develop the artifact for the Async integration channel
- SVDE-5250 Publication Advanced Search: Adv. Search keys Enable more fields for the publication advanced search
- SVDE-5553 Complete the Notification API installation in SIT Implemented the Notification API
- SVDE-6011 Items Advanced Search REST / GraphQL API Implemented the advanced search for items
- SVDE-8961 Opuses about Opus In the UAT environment, some Opuses are without any relationships with Instance. The cluster has been created in the right way and it has the value has_instance_true because this Opus is used as a Subject (so it's related to Instances through the corresponding Works).

3.3. Moonlight (front-end module)

• SVDE-4900 Opus as a parent to opus (series to parts of a series, journal to articles)

Visualization of relationships from "child" Opuses to "parent" Opuses

- SVDE-4904 For an article, show information on its relationship to the journal it belongs to For an article, show journal, volume, issue and pages informations
- SVDE-8027 Add missing keys (occupation, birthPlace and deathPlace) to Advanced search for people In Advanced search for people, allow searching by, Occupation, Birth place, Death place
- SVDE-9039 URL for items not owned by Penn Creation of a URL that will generate a form on Illiad prefilled with publication data for items not owned by Penn
- SVDE-9065 Concept entity pages [timebox] Creation of pages for Concept entity
- SVDE-9085 Changes to Portal switcher Change button label from "Switch to another SVDE portal" to "Switch to another SVDE site"
- SVDE-9129 Similar publications tab on Publication page Creation of a tab for similar Publications on Publication page
- SVDE-9171 Sidebar entity header bug Change the color from gray to white for entities in the sidebar header
- SVDE-9335 Remove link "National libraries catalog" from portal switching mechanism The link to https://national.svde.org/ should be removed from the portal switching mechanism



3.4. RDFizer

- SVDE-4576 Create the MapReduce Reducer for managing the RDF Translation
 - Implement the Reducer side of the MapReduce Job for RDF data
- SVDE-4803 Create the MapReduce reducer for managing Same as LINKs

Implement the Reducer side of the MapReduce to convert the URIs sameAs

- SVDE-5114 Duplicate MapReduce reducer for conversion to file and conversion to triplestore Duplicate MapReduce reducer for managing conversion form file and triplestore
- SVDE-5501 RDF Conversion implementation for Work attributes from CKB

Implement the RDF conversion for Work attributes form CKB

- SVDE-7716 Rdfizer conversion for 043 Implement the RDF conversion for MARC bibliographic tag 043
- SVDE-7717 Rdfizer conversion for 055 tag Implement the RDF conversion for MARC bibliographic tag 055
- SVDE-8035 Rdf conversion tag 100 110 111 Implement the RDF conversion for MARC bibliographic tag 100, 110, 111
- SVDE-8309 Opus and Work title in PXML Implement the RDF conversion for Opus and Work title in PXML
- SVDE-8326 Additional labels for leader[07] Type of record Implement additional RDF conversion for MARC bibliographic tag Leader, position 07
- SVDE-8334 Tag 040 \$d conversion Implement the RDF conversion for MARC bibliographic tag 040 \$
- SVDE-8341 6xx \$0 Implement the RDF conversion for MARC bibliographic tag 6xx \$0
- SVDE-8388 Ignore Concept type definition for subject in CKB conversion

Exclusion of the Concept type definition for subject in CKB conversion

- SVDE-8403 tag 26x management for cataloging error Management of the tag 26x management for cataloging errors
- SVDE-8414 Cluster_Link CKB table conversion Implement the RDF conversion for the Cluster_Link CKB table
- SVDE-8451 Update contribution for tag 7xx based on new Role map

Update the management of contribution for tag 7xx based on new Role map

- **SVDE-8461 Discard records in pxml that are not enriched** Discard record inside PXML when not enriched with tag 996
- SVDE-8476 Fix conversion for tag 700-710-711 when \$1 contains only non project uri Fixing the conversion of tags 700-710-711 when \$1 contains only non project uri



4 Delta processes

This component is the module handling ongoing updates ("delta updates" in Share Family jargon), to enable periodic imports of MARC records for continuous update of system data. By "delta" update we mean the changes that occur to the library records that are periodically pushed to the LOD Platform, to be published on the discovery portal. The automation of the ingestion in the LOD Platform of updated library records has the purpose of regularly updating the data available through the discovery interface and the other endpoints of the workflow where the data are available. This means updating the data of the clustered entities and the related resources searchable on the discovery interface and in the triplestore, according to the frequency requested by the library.

4.1. Cluster Management Module

• SVDE-4747 [Delta] Record ID for Delta management

Create a relationship between bibliographic/authority records and the clusters (agents, opus, etc...) created from it. This association is mandatory for Delta processes.

• SVDE-5159 [Delta] Clustering: tracing operations on files and records

Tracing the processes authority and bibliographic records during delta processes (insert, update, delate)

- SVDE-8168 [Delta] Get status by Graphql/Provenances API Verify the cluster status during delta processes through the API provenance
- SVDE-8170 [Delta] Agent: check for cluster existence in CKB 2.0 tables

Create a function that checks the cluster Agent already exists in CKB during delta processes

- SVDE-8173 Delta UC A1b- Opus Entity does not exist on CKB Manage the insert of a new entity Opus in CKB during delta processes starting from a new bibliographic record
- SVDE- 8174 [Delta] Opus: check for cluster existence in CKB 2.0 tables

Create a function that checks the cluster Opus already exists in CKB during delta processes

- SVDE-8175 Delta UC A1b- Opus Entity exists on CKB Manage the update of an existing entity Opus in CKB during delta processes starting from a new bibliographic record
- SVDE-8176 [Delta] Work: check for cluster existence in CKB 2.0 tables

Create a function that checks the cluster Work already exists in CKB during delta processes

• SVDE-8177 UC A1c - Work - Entity does not exist on CKB Manage the insert of a new entity Work in CKB during delta processes starting from a new bibliographic record



- SVDE-8178 UC A1c Work Entity exists on CKB Manage the update of an existing entity Work in CKB during delta processes starting from a new bibliographic record
- SVDE-8180 [Delta] UC A1d- Instance Entity does not exist on CKB Manage the insert of a new entity Instance in CKB during delta processes starting from a new bibliographic record
- SVDE-8181 [Delta] UC A1d- Instance Entity exists on CKB Manage the update of an existing entity Instance in CKB during delta processes starting from a new bibliographic record
- SVDE-8182 [Delta] UC A1e- Item Entity exists on CKB Manage the update of an existing entity Item in CKB during delta processes starting from a new bibliographic record
- SVDE-8183 UC A1e Item Entity does not exist on CKB Manage the insert of a new entity Item in CKB during delta processes starting from a new bibliographic record
- SVDE-8228 Using of normalized attribute in search cluster Create a function that allows the search for clusters with normalized attributes
- SVDE-8266 [Delta] UC A1f- Subject Entity exists on CKB Manage the update of an existing entity Subject in CKB during delta processes starting from a new bibliographic record
- SVDE-8267 [Delta] UC A1f- Subject Entity does not exist on CKB Manage the insert of a new entity Subject in CKB during delta processes starting from a new bibliographic record
- SVDE-8268 [Delta] Subject: check for cluster existence in CKB 2.0 tables

Create a function that checks the cluster Subject already exists in CKB during delta processes

- SVDE-8281 UC A2e Item Entity does not exist on CKB Manage the insert of a new entity Item in CKB during delta processes starting from a modified bibliographic record
- SVDE-8282 UC A2e Item Entity exists on CKB Manage the update of an existing entity Item in CKB during delta processes starting from a modified bibliographic record
- SVDE-8285 UC B1a Authority Agent Entity does not exist on CKB Manage the insert of a new entity Agent in CKB during delta processes starting from a new authority record
- SVDE-8286 UC B1a Authority Agent Entity exists on CKB Manage the update of an existing entity Agent in CKB during delta processes starting from a new authority record
- SVDE-8287 UC B1b Authority Opus Entity does not exist on CKB Manage the insert of a new entity Opus in CKB during delta processes starting from a new authority record
- SVDE-8288 UC B1b Authority Opus Entity exists on CKB Manage the update of an existing entity Opus in CKB during delta processes starting from a new authority record
- SVDE-8289 UC B1c Authority Work Entity does not exist on CKB

Manage the insert of a new entity Work in CKB during delta processes starting from a new authority record

• SVDE-8290 UC B1c - Authority Work - Entity exists on CKB



Manage the update of an existing entity Work in CKB during delta processes starting from a new authority record

- SVDE-8360 UC A3e Item Manage the removal of the entity Item in CKB during delta processes starting from a deleted bibliographic record
- SVDE-8363 UC B3a Authority Agent Entity not associated with other records

Manage the removal of the entity Agent in CKB during delta processes starting from a deleted authority record

• SVDE-8364 UC B3a - Authority Agent - Entity associated with other records

Manage the update of an existing entity Agent in CKB during delta processes starting from a deleted authority record

• SVDE-8365 UC B3b - Authority Opus - Entity not associated with other records

Manage the removal of the entity Opus in CKB during delta processes starting from a deleted authority record

- SVDE-8390 UC B2a Agent Entity does not exist on CKB Manage the insert of a new entity Agent in CKB during delta processes starting from a modified authority record
- SVDE-8391 UC B2a Agent Entity exists on CKB Manage the update of an existing entity Agent in CKB during delta processes starting from a modified authority record
- SVDE-8392 UC B2b Opus Entity does not exist on CKB Manage the insert of a new entity Opus in CKB during delta processes starting from a modified authority record
- SVDE-8394 UC B2b Opus Entity exists on CKB Manage the update of an existing entity Opus in CKB during delta processes starting from a modified authority record
- SVDE-8395 UC B2c Work Entity does not exist on CKB Manage the insert of a new entity Work in CKB during delta processes starting from a modified authority record
- SVDE-8396 UC B2c Work Entity exists on CKB Manage the update of an existing entity Work in CKB during delta processes starting from a modified authority record
- SVDE-8582 Update record: call JCricket API for core-entities Integration with JCricket API for Insert and Delete actions in delta processes
- SVDE-9298 Enable GraphQLClient for JCricket instead of clientMock

Enable GraphQLClient for JCricket instead of clientMock in order to manage delta processes

• SVDE-9689 [Delta test] Subject not displayed at Publication level During Delta processes, no subjects are displayed at Publication level

4.2. API

• SVDE-8257 API: Mark cluster when updated by JCricket



Implement a flag that indicates when an entity is modified by JCricket and delta's automatic processes must not make changes to the attributes/relationships of that entity.

4.3. RDBMS (database)

- SVDE-8206 [Delta-DB] Review database structure Database structure modifications In order to trace any operation required by the delta process
- SVDE-8207 [Delta-DB] PL/pgSQL function for cluster registry feeding

Implement a PL/pgSQL function in order to trace operations related to status changed, attributes actions, relationships actions and links actions

• SVDE-8242 Mark cluster when updated by JCricket

Implement a flag that indicates when an entity is modified by JCricket and delta's automatic processes must not make changes to the attributes/relationships of that entity.



5 UNIMARC services

The UNIMARC services development stems from the <u>SHARE Catalogue</u> project and the Italian libraries affiliated to this platform, but it can benefit all institutions adopting UNIMARC. These libraries are involved in a specific project related to the direct management of UNIMARC records in clusterization and reconciliation processes without the "middle step conversion" from UNIMARC to MARC21. All developments listed in this section are finalized to allow the migration of the SHARE Catalogue platform to the new CKB infrastructure, according to the above-mentioned approach.

5.1. Cluster Management Module

- SVDE-8681 Unimarc BIB Attributes for OPUS entity Mapping Opus attributes starting from UNIMARC format (bibliographic records).
- SVDE-8682 Unimarc AUT Cluster and Attributes for OPUS entity Mapping Opus attributes starting from UNIMARC format (authority records).
- SVDE-8683 Unimarc BIB Cluster OPUS from uniform title Management of clusterization processes for Opus starting from UNIMARC format (bibliographic records, uniform title tags).
- SVDE-8684 Unimarc BIB Cluster OPUS from manifestation title Management of clusterization processes for Opus starting from UNIMARC format (bibliographic records, Manifestation title tags).
- SVDE-8685 Unimarc BIB Cluster OPUS other tags Management of clusterization processes for Opus starting from UNIMARC format (bibliographic records, series tags).
- SVDE-8689 Unimarc AUT Attributes for WORK entity Mapping Work attributes starting from UNIMARC format (authority records).
- SVDE-8690 Unimarc BIB Attributes for WORK entity Mapping Work attributes starting from UNIMARC format (bibliographic records).
- SVDE-8691 Unimarc BIB Cluster WORK (manifestation title) Management of clusterization processes for Work starting from UNIMARC format (bibliographic records, Manifestation title tags).
- SVDE-8694 Unimarc BIB Attributes for INSTANCE entity (tag block leader, 000/1XX) Mapping Instance attributes starting from UNIMARC format (bibliographic records, Leader and 000/1XX blocks).
- SVDE-8695 Unimarc BIB Attributes for INSTANCE entity (tag block 2XX-3XX) Mapping Instance attributes starting from UNIMARC format (bibliographic records, Leader and 2XX/3XX blocks).



- SVDE-8696 Unimarc BIB Attributes for INSTANCE entity (tag block 4XX/999) Mapping Instance attributes starting from UNIMARC format (bibliographic records, Leader and 4XX/9XX blocks).
- SVDE-8697 Unimarc BIB Cluster INSTANCE Management of clusterization processes for Instance starting from UNIMARC format (bibliographic records).
- SVDE-8698 Source (Auth & Biblio) Unimarc Records Management: PXML for records associated to a cluster Creation of a PXML file for each record associated to a cluster.
- SVDE-8713 UNIMARC conversion role Management of the specific codes for UNIMARC roles in the SVDE controlled vocabulary.
- SVDE-8746 Unimarc BIB Attributes for AGENT entity Mapping Agent attributes starting from UNIMARC format (bibliographic records).
- SVDE-8747 Unimarc BIB Clusterization AGENT Management of clusterization processes for Agent starting from UNIMARC format (bibliographic records).
- SVDE-8749 Unimarc AUT Attributes for AGENT entity Mapping Agent attributes starting from UNIMARC format (authority records).
- SVDE-8750 Unimarc AUT Clusterization AGENT Management of clusterization processes for Agent starting from UNIMARC format (authority records)
- SVDE-8799 Unimarc BIB Attributes and clusterization Publisher entity

Mapping attributes and management of clusterization processes for Agent Publisher starting from UNIMARC format (authority records)

- SVDE-8827 Unimarc BIB Cluster WORK (uniform title) Management of clusterization processes for Work starting from UNIMARC format (bibliographic records, uniform title tags)
- SVDE-8857 Mapping tag MARC21 048/tag UNIMARC 146 Mapping and management of 146/128 UNIMARC tags
- SVDE-9004 Unimarc BIB Record enrichment with project URI Enrichment for bibliographic record with the SHARE Catalogue URI (Agent, Opus, Work, Instance tags)
- SVDE-9043 UNIMARC relationship tags Mapping relationship tags starting from UNIMARC format (bibliographic records)
- SVDE-9044 Unimarc BIB Name Subjects, Name-Title Subjects, Title Subjects Mapping Subject attributes starting from UNIMARC format (authority records for Name and Name/Title Subjects)
- SVDE-9045 Unimarc BIB Other Subjects Mapping Subject attributes starting from UNIMARC format (authority records for Other Subjects type)
- SVDE-9048 Unimarc BIB Subject enrichment with project URI Enrichment for bibliographic record with the SHARE Catalogue URI (Subject tags)



• SVDE-9066 Unimarc - Delta - Review of delta procedures for AUT records

Management of Delta processes for Agent and Opus starting from UNIMARC format (authority records, insert, update, delete actions)

• SVDE-9067 Unimarc - Delta - Review of delta procedures for BIB records UC-A1

Management of Delta processes for Agent, Opus, Work, Instance, Subject starting from UNIMARC format (bibliographic records, insert action)

• SVDE-9115 Unimarc - Delta - Review of delta procedures for BIB records UC-A2

Management of Delta processes for Agent, Opus, Work, Instance, starting from UNIMARC format (bibliographic records, update action)

• SVDE-9116 Unimarc - Delta- Review of delta procedures for BIB records UC-A3

Management of Delta processes for Agent, Opus, Work, Instance, starting from UNIMARC format (bibliographic records, delete action)

- SVDE-9117 Unimarc Delta Review of delta procedures for Items UC-A1, UC-A2, UC-A3 Management of Delta processes for Item starting from UNIMARC format (bibliographic records, insert, update, delete actions)
- SVDE-9124 Item management UNISOB (Università degli Studi Suor Orsola Benincasa) - unimarc Management items for UNISOB library
- SVDE-9125 Item management UNISANNIO (Università degli Studi del Sannio) unimarc Management items for UNISANNIO library
- SVDE-9126 Item management UNISALENTO (Università del Salento) marc21 Management items for UNISALENTO library
- SVDE-9176 Management source IdRef Add and manage the source IdRef for bibliographic record enrichment
- SVDE-9259 Tag MARC21 048/tag UNIMARC 146 management Manage the new conversion between tags MARC21 048/tag UNIMARC 146
- SVDE-9260 Item management UNICAS (Università degli studi di Cassino e del Lazio Meridionale) unimarc Management items for UNICAS library
- SVDE-9261 Item management UNIBAS (Università della Basilicata) - unimarc

Management items for UNIBAS library

• SVDE-9262 Item management UNIOR (Università l'Orientale) - unimarc

Management items for UNIOR library

- SVDE-9296 Some changes on UNISOB/UNISANNIO/UNISALENTO data item Some changes on UNISOB/UNISANNIO/UNISALENTO data item
- **SVDE-9297 Item management UNIPARTHENOPE unimarc** Management items for UNIPARTHENOPE library
- SVDE-9300 Item management UNICAMPANIA unimarc Management items for UNICAMPANIA library



5.2. RDBMS (database)

- SVDE-9363 Management of OPAC URL for Share Catalogue institutions Management of the URLs to connect Share catalogue platform to each OPAC
- SVDE-9388 Update OPAC URL for UNINA library Update UNINA OPAC URL



6 JCricket editor

JCricket is the tool for collaborative linked data entity management and shared cataloguing. It enables - according to the BIBFRAME ontology - entity curation (e.g. creation of new entities, entity modification, the application of entity merge and split functions). The scope is to improve the quality of the Entity Knowledge Base that is a live source produced through clustering and daily update processes. JCricket is a manual application that makes it possible to manage bibliography data in the form of entities. It empowers professional librarians to enhance the quality of machine-generated data output of MARC to BIBFRAME transformation.

6.1. Cluster Management Module

- SVDE-4831 Source (Auth & Biblio) Records Management: PXML for records associated to a cluster Provide a PXML dataset type that contains the relationships between clusters and authority/bibliographic records
- SVDE-5468 Move normalize function in shared-lib Management of attribute normalization also for JCricket module
- SVDE-9738 Multiple values in autocompletion for languages Presence of multiple languages in the autocompletion menu for JCricket

6.2. API

- SVDE-5463 Changes to J.Cricket-related data structures Management at database level of the Opus type for a better performing of the merge list
- SVDE-4825 Retrieve API data for a specific provenance: Auth Interceptor

Implementation of retrieve data belonging to a specific provenance

- SVDE-4829 Cluster Update: Near-real-time transient changes Management of an immediate overview of cluster updates provided by JCricket
- SVDE-4830 Source (Auth & Biblio) Records Management: retrieve records associated to a cluster Management of retrieving all records associated to a cluster
- SVDE-4833 MergeList API: Add, Remove, Clear Implementation of the GraphQL operations for the MergeList
- SVDE-4835 MergeList: GraphQL Schema Implementation of the GraphQL schema for the MergeList
- SVDE-4836 MergeList API: Move properties between MS and MD Provide the capability of moving properties (i.e. attributes, relationships, links) between entities



- SVDE-4837 Merge API: Approve/Reject Implementation of Approve/Reject for the MergeList
- SVDE-4838 Prism (aka ClusterRevision) API Implementation of API for the cluster revision
- SVDE-4841 SplitSet API: approve/reject Implementation of Approve/Reject for the SplitSet
- SVDE-4842 Invalidate API: GraphQL schema, Collection filtering Implementation of GraphQL schema for invalidate action
- SVDE-4843 Invalidate API: GraphQL Mutation Implementation of GraphQL Mutation for invalidate action
- SVDE-4894 Share-VDE Role Definition Definition of the role users in SVDE
- SVDE-4895 Share-VDE User Definition Definition of users in SVDE
- SVDE-4921 Annexing Institutions (Part I) Integrating the member institutions in the Share-VDE identity provider
- SVDE-4922 Annexing Institutions (Part II) Integrating the member institutions in the Share-VDE identity provider
- SVDE-4923 Annexing Institutions (Part III) Integrating the member institutions in the Share-VDE identity provider
- SVDE-4924 Annexing Institutions (Part IV) Integrating the member institutions in the Share-VDE identity provider
- SVDE-4925 Annexing Institutions (Part V) Integrating the member institutions in the Share-VDE identity provider
- SVDE-4926 Annexing Institutions (Part VI) Integrating the member institutions in the Share-VDE identity provider
- SVDE-7665 [Merge, Split] API -> User API Integration Verification if the assigned user for a Merge or Split action is an advanced editor
- SVDE-7702 Mutation: Create New Prism Creation of a new prism starting from a split action
- SVDE-7703 Split API: Move properties between SG and SR Moving properties (attributes, relationships, links) between entities
- SVDE-7828 Create the "invalidation assessment" GraphQL query Checking of relationships before the invalidation of a prism
- SVDE-8236 Send a notification when the user rejects a split or a merge Implementation of the notification when the user rejects a split or a merge
- SVDE-8291 Split API: when the Split is canceled, delete the receiver entity if it is empty
 - Implementation of the cancelSplitSet mutation
- SVDE-8442 J.Cricket: Error when trying to mark an attribute instance as leader Error when trying to mark an attribute instance as leader
- SVDE-8453 Copy bibliographic/authority records in Merge Destination



Management of the bibliographic/authority records association between sources and destinations during a merge action

• SVDE-8454 Move bibliographic/authority records in Split Receivers

Management of the bibliographic/authority records association between sources and destinations during a split action

• SVDE-8763 Changes to relationships are not propagated through the search API

In case of updating or adding a relationship to an entity, the search API doesn't show the edit

- SVDE-8801 Error message when trying to edit a locked entity Error message for entities that are added to a merge list, when trying to edit their properties
- SVDE-8816 When a prism is marked as destination, the merge list should be rolled-back In a merge list, the "transient" area where properties are stored being

moved should be cleared when another entity is marked as the destination

- SVDE-8930 All prisms have provenance statusCode "NA" Status code empty if the editor has a provenance different to the provenances associated to the cluster
- SVDE-8944 Adding the same prism to two merge lists should result in an error

Enable the addition for the same entity to multiple merge lists

- SVDE-8970 When a prism is marked as destination, the split list should be rolled-back In a split list, the "transient" area where properties are stored being moved should be cleared when another entity is marked as the destination
- SVDE-9299 Insert/Update/Delete in cluster_attribute_normalized for attributes used by JCricket
 The Insert/Update/Delete from ICricket have to be done for normalized

The Insert/Update/Delete from JCricket have to be done for normalized strings

- SVDE-9416 No fullName field for reviewer or user in MergeList The fullName field in reviewer and user in MergeList is not returned
- SVDE-9430 Clear rejectReason on MergeList when it is assigned in review again When a reviewer reject a Merge list and the same Merge list is assigned

When a reviewer reject a Merge list and the same Merge list is assigned to another reviewer, the Reject reason should be cleared

- SVDE-9446 Merged entity is still present in a search list result Merged entity is still present in a search list result
- SVDE-9492 No notification on reject/accept See a notification on the account of the person who originally authored the request when a merge or split is either rejected or approved
- SVDE-9615 When a prism is created without the agentType and assigned to a contributor relationship, it raises an error When a cluster is created without the agentType and assigned to a contributor relationship, it raises an error
- SVDE-9661 Wrong relationships reconciliation after merging After merging, the relationships are not reconciled properly



6.3. Moonlight (front-end module)

- SVDE-6320 Set up permissions, permission sets, roles, etc. Implementation of the login request, roles, logout request
- SVDE-6325 Authentication: General: Page "Log in" Implementation of the login page
- SVDE-7911 UI for invalidating entities Implementation of the delete action
- SVDE-8015 Add to merge-list Implementation of the merge-list function
- SVDE-8161 Remove relationship Addition of function to remove relationships among entities
- SVDE-8215 Remaining work on "add to merge list" feature Addition of new functions for the "add merge list"
- SVDE-8263 Editor page revised provenance display Implementation of the provenance data for attributes and links in the editor page
- SVDE-8418 Handle multi-pane state Implementation of the multiple panes open while editing
- SVDE-8433 Move redux state to localStorage when signing in Display a cookie warning during the sign-in flow
- SVDE-8467 J. Cricket create new entity agents Creation of a new Agent entity by JCricket
- SVDE-8468 J. Cricket create new entity opus Creation of a new Opus entity by JCricket
- SVDE-8469 J. Cricket create new entity bibliographic Creation of new Work, Instance, Item entities by JCricke
- SVDE-8471 Implement Sidebar component Implementation of a sidebar in JCricket module
- SVDE-8487 J. Cricket Add relationship from explore view Management of a "explore view" (full entity page) during editing actions for relationships
- SVDE-8511 J. Cricket display and edit attributes Editing and display entity attributes
- SVDE-8512 J. Cricket display and edit relationships Editing and display entity relationships
- SVDE-8513 Leader checkbox bug in edit component Some attributes, like ISBN, should only be 1 leader value in the checkbox
- SVDE-8543 Unlinked fields with vocabulary Link or unlink fields with a controlled vocabulary (for attributes that have a vocabulary)
- SVDE-8544 Unlinked fields without vocabulary Link or unlink fields with a controlled vocabulary (for attributes that not have a vocabulary)



- SVDE-8552 Implement Pane/PaneSet components Opening up multiple editors will display editors in a horizontal layout separated into individual "Panes"
- SVDE-8555 Grouping properties Properties on entities should be sorted into specific groups
- SVDE-8567 Leader grouping Grouping properties on the basis of Leader value
- SVDE-8625 Adding/removing/editing relationships based on provenances

Adding/removing/editing relationships based on provenances

- SVDE-8646 Editor responsive layout Responsive layout for JCricket editor
- SVDE-8702 In editor, revert the input state to original (or empty) after an unsuccessful change When a mutation fails, now the system sets the relationship input state as linked, which is misleading to the user. In these cases, it's necessary to keep the input in "unlinked" (draft) state
- SVDE-8726 Track focus state on all form elements in the editor pane

Track focus state on all form elements in the editor pane

- SVDE-8761 Trigger revalidate when updating relationship Trigger a revalidate request whenever a relationship is modified to ensure that the entity pages for the relevant relationship are re-rendered
- SVDE-8976 Split and merge buttons should be hidden for svde-editor-base users Enable the Split and merge buttons only for user with "advanced privileges"
- SVDE-8989 bf:works entity page first revision Implementation of the bfWork page entity with JCricket functions
- SVDE-9038 Redux config app actions being dispatched in multiple groups

Entity in the editor to not load when opened in a new tab

• SVDE-9113 Indicate to user to keep typing when searching for a reviewer

In search box for reviewers by name, it's needed that the system doesn't return anything when only 1 character is digited

- SVDE-9165 Error handling in Editor's dropdown fields The dropdown fields in edit form display appropriate error messages when the request fails
- SVDE-9199 Get input link component fully compliant with design Solve missing functions in prototype
- SVDE-9238 LanguageInputLink behavior Chiedere definizione
- SVDE-9249 Review Split set page Insertion of a page for the reviewer to review the split set assigned to them
- SVDE-9271 Support multiple merge lists per entity type breakdown

Support multiple merge lists per entity type

• SVDE-9288 Review merge page



Creation of a dedicated page to review a merge request

- SVDE-9303 Data tables are broken for non-authenticated users When a non-authenticated user is visiting an entity included in a merge list the data tables break
- SVDE-9359 Assigning language to entry duplicates entry When trying to assign a language to a something that has language undefined set it will create a new entry rather than updating the existing one
- SVDE-9369 Buggy provenance input field When trying to edit an existing provenance in a dropdown by adding another letter or by deleting an existing letter notice that the field immediately blurs
- SVDE-9370 Provenance dropdown is hidden by Modal.Footer When trying to type something in the provenance input field the dropdown is partially hidden by the Modal.Footer
- SVDE-9371 Fix input field behaviour on Provenance Input field should be fully responsive to user actions
- SVDE-9389 Problem merging opuses related to Pietro Aretino When trying to merge opuses related to Pietro Aretino, the merge editor fails
- SVDE-9396 Fix color on action bar cancelled state When a merge has been cancelled the action bar should be red, not just the text wrapper
- SVDE-9397 Split review notifications are not displayed correctly Split review notifications are not displayed correctly
- SVDE-9408 Replace identifiers with URIs Replace the local identifier with the full URI
- SVDE-9409 User role information is not displayed After logging in, it would expect an indication about the role associated with the account
- SVDE-9415 It's not possible to select 'unmark as leader' It's not possible to unmark the title
- SVDE-9421 MergeList (SplitSet) name not used/displayed A merge list has a name that can be set / updated by the user
- SVDE-9424 Agent type not displayed in the related field At the creation of a specific Agent type, it's necessary to enter again the Agent type in the specific field
- SVDE-9426 It's not possible to delete and clean the "Birth place" field

Possibility to clean the field using the the keyboard buttons

- SVDE-9427 The name of the person did not update correctly after entering the data SAt the creation of a specific Agent type, the name of the person did not update correctly after entering the data
- SVDE-9429 It's possible to add empty field in the PERSON entity Do not allow saving empty fields and the refresh of the page (removing empty fields) in case the user was moving to another page
- SVDE-9438 No uniform string in the menu of "Add property" The string of some property it's not always correct/uniform



- SVDE-9445 Not correct update of GENRE in the OPUS title When adding a Genre property, the new Genre label is wrongly added to the Opus title
- **SVDE-9449 Error during the creation of a bf:Work** Error message during bf:Work creation
- SVDE-9455 Table columns don't load on demand When trying to load a column via the column picker results in the column staying in permanently loading state
- SVDE-9456 Editor page remains in loading state if user just signed in

Editor page remains in the loading state if the user just signed in. The forms in the editor are properly displayed only after page refresh

• SVDE-9460 Create the human-readable labels for dictionary attributes

Create for each property a human-readable label

Provenance window

- SVDE-9462 Dashboard notification counter is not working The count of unread notifications should be reflected in the subtitle under the "Dashboard" menu item
- SVDE-9467 Display locking status on entity pages When an entity is locked authenticated users with access to J. Cricket will see a banner indicating the entity is locked
- SVDE-9468 Display locking status on search results For each search result an icon should be displayed indicating that the result is locked
- SVDE-9494 Dropdown menu of language displayed behind the Provenance window The dropdown menu of the language is displayed behind the
- **SVDE-9495 Buggy relationship input field** When trying to add a row, the input field shows the dropdown by default and the row is empty when an user exits an input field
- SVDE-9496 No refresh of the title when I mark as Leader another title

The attributes Title mark as Leader are not shown in the Opus page

- SVDE-9527 Relationship linking using "explore" view in provenance overlay Adding a relationship inside the provenance overlay using the "explore" functionality currently does not work
- SVDE-9535 It's possible to save a PERSON without indication of the Leader in the Agent type attribute When deleting a row for Agent type attribute, the remaining row is not automatically marked as leader
- SVDE-9537 Error on UI after creating a new Controlled Vocabulary instance When a user tries to create a new controlled vocabulary instance, an

When a user tries to create a new controlled vocabulary instance, an error occurs

• SVDE-9544 Not display of the new just created instance

When an unlinked instance is opened in J. Cricket a message should display warning that the instance is not visible

• SVDE-9553 Issues with displaying merge/split titles



The ID instead of the unified one is displayed in the button to add an entity to the existing merge list on the entity page. In addition, the display of merge lists in the merge list dropdown is very messy

• SVDE-9554 Input string should be trimmed when opening entity in J. Cricket

Input string should be trimmed when opening entity in J. Cricket

- SVDE-9557 Add copy URI buttons to J. Cricket Whenever an entity is open in J. Cricket there should be a button to quickly copy the (full) URI
- SVDE-9562 Can't create a new merge list in merge list dropdown Clicking "New merge list" button in the merge list dropdown doesn't create a merge list, but instead switches back to user's current merge list
- SVDE-9563 Error in retrieving new prism created from scratch When a new entity is created from scratch, it's visible to jump to the search screen, but going back to the "Editor" windows will cause an error message to appear
- SVDE-9572 Changing language causes two or more leader instances for Title or Name property Changing language causes two or more leader instances for Title or Name propert
- SVDE-9605 Create new Controlled Vocabulary instance in the (other) entity edit page Create new Controlled Vocabulary instance in the (other) entity edit page
- **SVDE-9608 Uri undefined error** Under certain circumstances an undefined error is thrown in J. Cricket
- SVDE-9609 Split The approve split feature in the Dashboard doesn't work

When a reviewer receives a split proposal and opens it in its Dashboard, the right section of the page (where the "new entity" should live) doesn't open and runs in a continuous loop

- SVDE-9739 Duplicated row adding a title in another language Editing an OPUS and adding a new row for a title in a different language, the row will be duplicated
- SVDE-9744 Notifications dashboard missing translations All notification messages (split and merge) should be translated
- SVDE-9752 Person AgentType moved to destination becomes another Organization After a merge action, the property AgentType Person seems to be saved as Organisation
- SVDE-9800 Information banner and header is misplaced Information banner should be displayed above navigation header