SHARE Catalogue e la **Share Family**: una rete di competenze e risorse per l'innovazione sostenibile dei servizi bibliotecari

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Università degli studi di Napoli Federico II

Università di Genova | NILDE2025
XII Convegno Nazionale sul Document Delivery e la cooperazione interbibliotecaria

Una storia lunga dieci anni...

2015-2016

- **ALIADA**
- **BIBFRAME update Forum** at ALA Midwinter in Boston
- **Share catalogue** online (universities from southern Italy)
- **Share-VDE** prototype

2017-2019

- **Share-VDE** and **LD4P** members' data converted from MARC21 to BIBFRAME

2019-2021

- **Share-VDE** – virtual discovery environment for library linked open data
- **Share Family** embraces all LOD Platform initiatives

2021-2023

- Ongoing **PCC** data pool
- **Share-VDE** 2.0
- Ongoing **NatBib** working group and shared discovery environment
- **Share Family** towards production

2023-2025

- **British National Bibliography** in linked open data (beta version)
- **Parsifal** and **LILLIT** shared discovery environments launch
- **JCricket** collaborative cataloguing editor
- **LOD Platform** version 3

Share Catalogue e la Share Family

SHARE Catalogue: chi siamo

- Università degli studi di Napoli Federico II
- Università degli studi di Napoli L'Orientale
- Università degli studi di Napoli Parthenope
- Università degli studi di Salerno
- Università degli studi del Sannio
- Università degli studi della Basilicata
- Università degli studi della Campania Luigi Vanvitelli
- Università degli studi Suor Orsola Benincasa
- Università del Salento
- Università degli studi di Cassino e del Lazio Meridionale
- Scuola Superiore Meridionale

Per ulteriori dettagli:
https://www.sharecampus.unina.it/

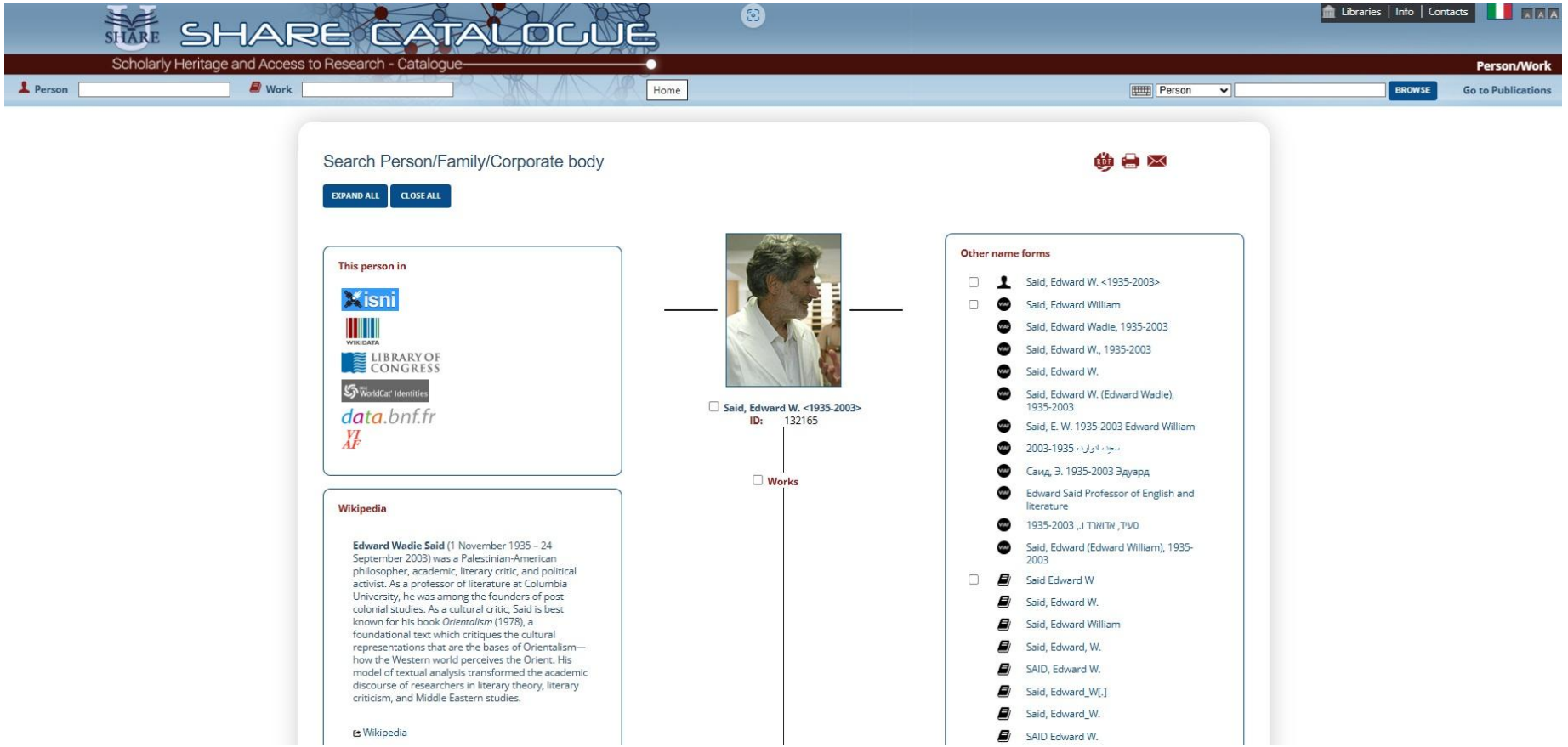
SHARE Catalogue, 2016: le ragioni di un progetto

- Costruire un *catalogo unico integrato*, lasciando completa autonomia locale alle biblioteche partecipanti

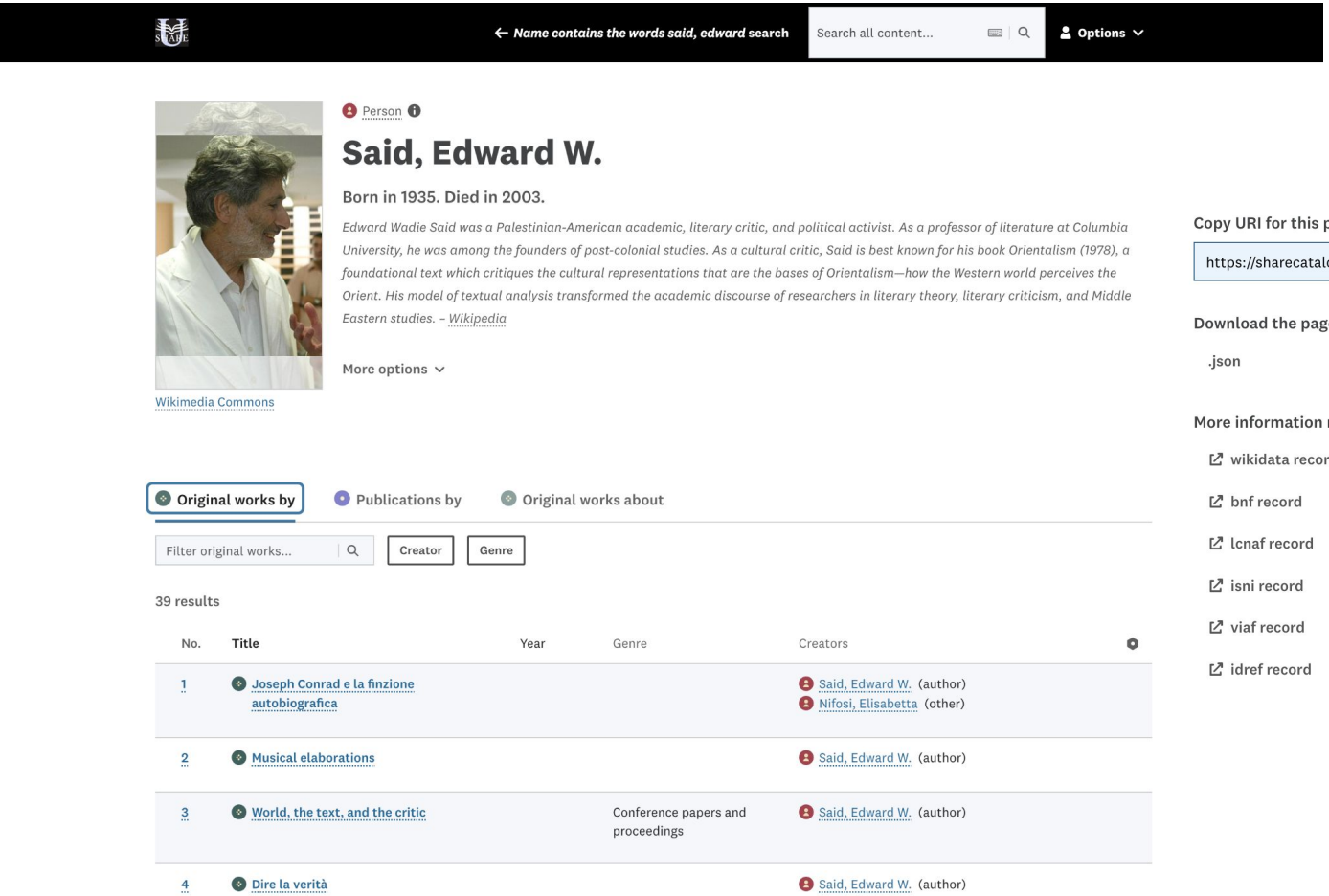
- Sostenere e perseguire *la filosofia degli open data e dell'open science*, per garantire la massima diffusione e accesso ai cataloghi delle biblioteche e alle risorse disponibili

- Introdurre il concetto di *cooperazione fattiva* supportando la nascita e la crescita di una *comunità di bibliotecari e di utenti*

Da SHARE Catalogue 1.0...



… a SHARE Catalogue 3.0



[Share Catalogue
Nuova versione del portale]

SHARE Catalogue 1.0 x Wikidata

SHARE CATALOGUE
Scholarly Heritage and Access to Research - Catalogue

This person in
isni
WIKIDATA
LIBRARY OF CONGRESS
WorldCat Identities
data.bnf.fr
VIAF

Said, Edward W. <1935-2003>
ID: 132165

- Individuare e correggere le duplicazioni agendo sui record bibliografici
- Interagire con fonti come IdRef, ORCID, SBN etc. (anche per progetti tematici)

- Fornire contesto ai metadati
- Facilitare l'accesso alle risorse in pubblico dominio disponibili grazie a progetti come Wikisource

WIKIDATA

Edward Said (Q201538)

Palestinian-American professor (1935–2003)
Edward Wadie Said

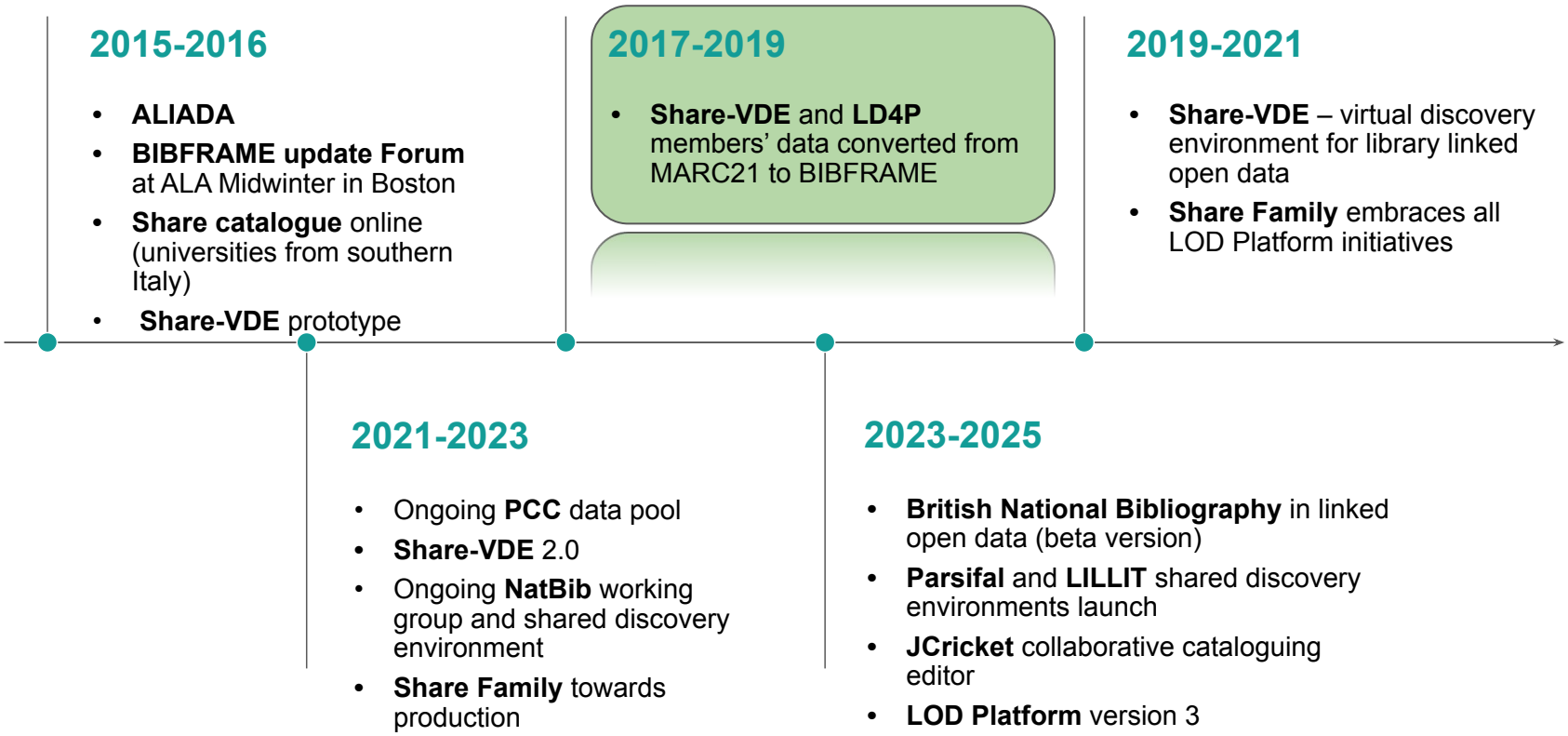
SHARE Catalogue author ID	132165	edit
	0 references	
		+ add reference
		+ add value

SHARE Catalogue 1.0 x Wikidata

item	itemLabel	yearofbirth	sharecat_cluster_ID	parsifal_cluster_ID	idref_cluster_ID
wd:Q510072	Alexis Paulin Paris	1800	196131	34659	027058433
wd:Q505051	Louis-Nicolas Bescherelle	1802	632370	841939	028274202
wd:Q586624	Antoine Le Roux de Lincy	1806	224136	279528	033323569
wd:Q1684704	Jean-Bernard Mary-Lafon	1810	489134	793066	027014673
wd:Q1516979	Heinrich Michelant	1811	200057	35724	033764743
wd:Q5759033	Cayetano Alberto de la Barrera	1815	192803	843535	035379014
wd:Q3010395	Césaire Villatte	1816	697187	123357	034322817
wd:Q23060496	Louis Tolhausen	1817	218813	429135	069054649
wd:Q15078847	Amédée Beaujean	1821	376979	361468	069059217
wd:Q18219687	Hermann Knust	1821	193752	655770	174603452
wd:Q18117902	Édouard Sommer	1822	775545	19949	033566771
wd:Q1066245	Charles Thurot	1823	198425	173287	032130813
wd:Q365737	Adolphe Hatzfeld	1824	164969	103586	033575142
wd:Q15702087	Johannes Thor Sundby	1830	195806	54538	14623605X
wd:Q1870426	Lorédan Larchey	1831	395491	250920	026966174
wd:Q5344507	Edward Moore	1835	192125	35390	118323938
wd:Q475489	Émile Gebhart	1839	134619	58989	033691363
wd:Q15078871	François Bonnardot	1843	394877	35285	033995605

Filologi romanzi nati nel 19° secolo, con ID ShareCat, Parsifal e IdRef, che non hanno voce in Wikipedia IT

Una storia lunga dieci anni...



Share-VDE - Virtual Discovery Environment

https://www.svde.org

- Berkeley Law Library
- Duke University
- Lehigh University
- Library of Congress
- National Library of Finland
- National Library of Norway
- National Taiwan University Library
- New York University
- Smithsonian Institution
- Stanford University
- University of Alberta / NEOS Library Consortium
- University of Chicago
- University of Michigan Ann Arbor
- University of Pennsylvania
- University of Toronto
- Yale University

Share-VDE 2017: le ragioni di una iniziativa

- Sperimentare concretamente quanto BIBFRAME possa rappresentare un'alternativa al MARC

- Creare una vera comunità di esperti del settore bibliografico capaci di orientare le scelte, anche dei fornitori di risorse bibliografiche e di software

- Dialogare a diversi livelli con gli utenti finali per intercettare concretamente le loro esigenze di servizio

I gruppi di lavoro di Share-VDE

La natura cooperativa delle iniziative prevede la costituzione di una comunità d'eccellenza di studiosi ed esperti che si confrontano su specifiche tematiche e contribuiscono all'evoluzione degli sviluppi tecnologici. Gruppi di lavoro di Share-VDE:

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

Share-VDE. Condivisione...

ShareVDE BETA ← *Name contains the words bob dylan* search | Search all content... | Options

Wikimedia Commons

Person

Dylan, Bob

American singer-songwriter (born 1941). Born in Duluth, Yhdysvallat.

Bob Dylan is an American singer-songwriter. Described as one of the greatest songwriters of all time, Dylan has been a major figure in popular culture over his 68-year career. With an estimated 125 million records sold worldwide, he is one of the best-selling musicians. Dylan added increasingly sophisticated lyrical techniques to the folk music of the early 1960s, infusing it "with the intellectualism of classic literature and poetry". His lyrics incorporated political, social, and philosophical influences, defying pop music conventions and appealing to the burgeoning counterculture. – Wikipedia

More options

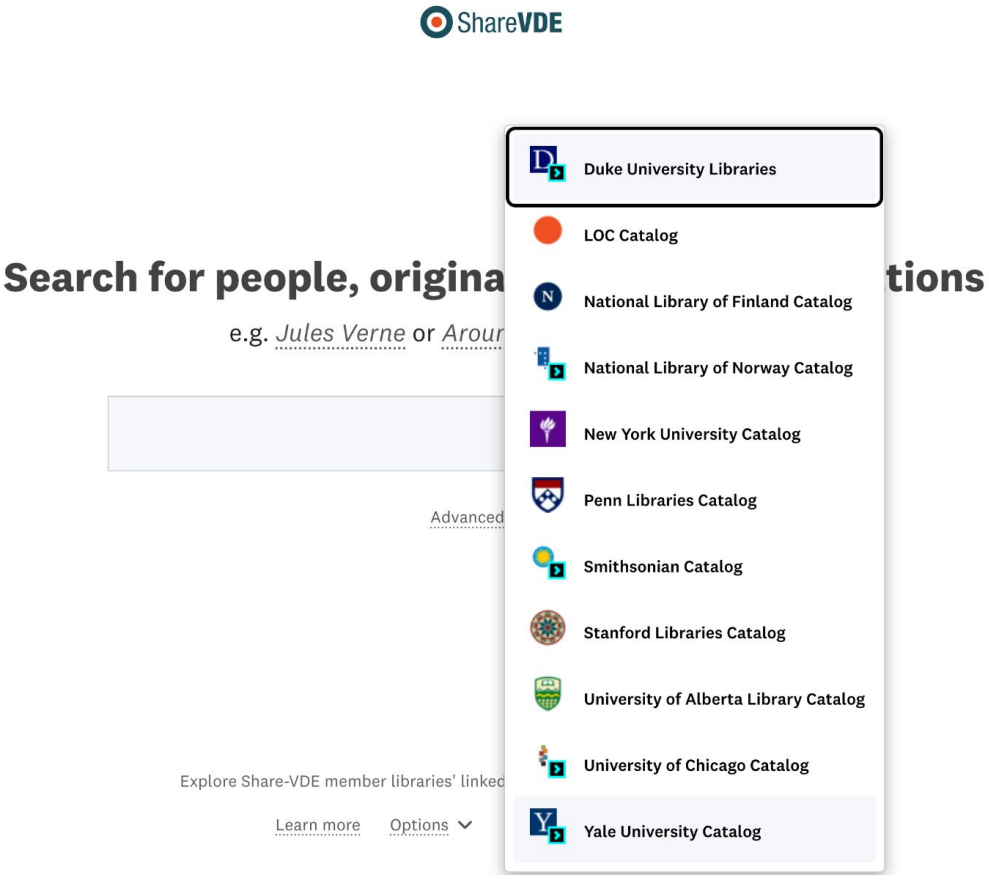
Original works by | Publications by | Original works about

Filter original works... | Year | Creator | Genre

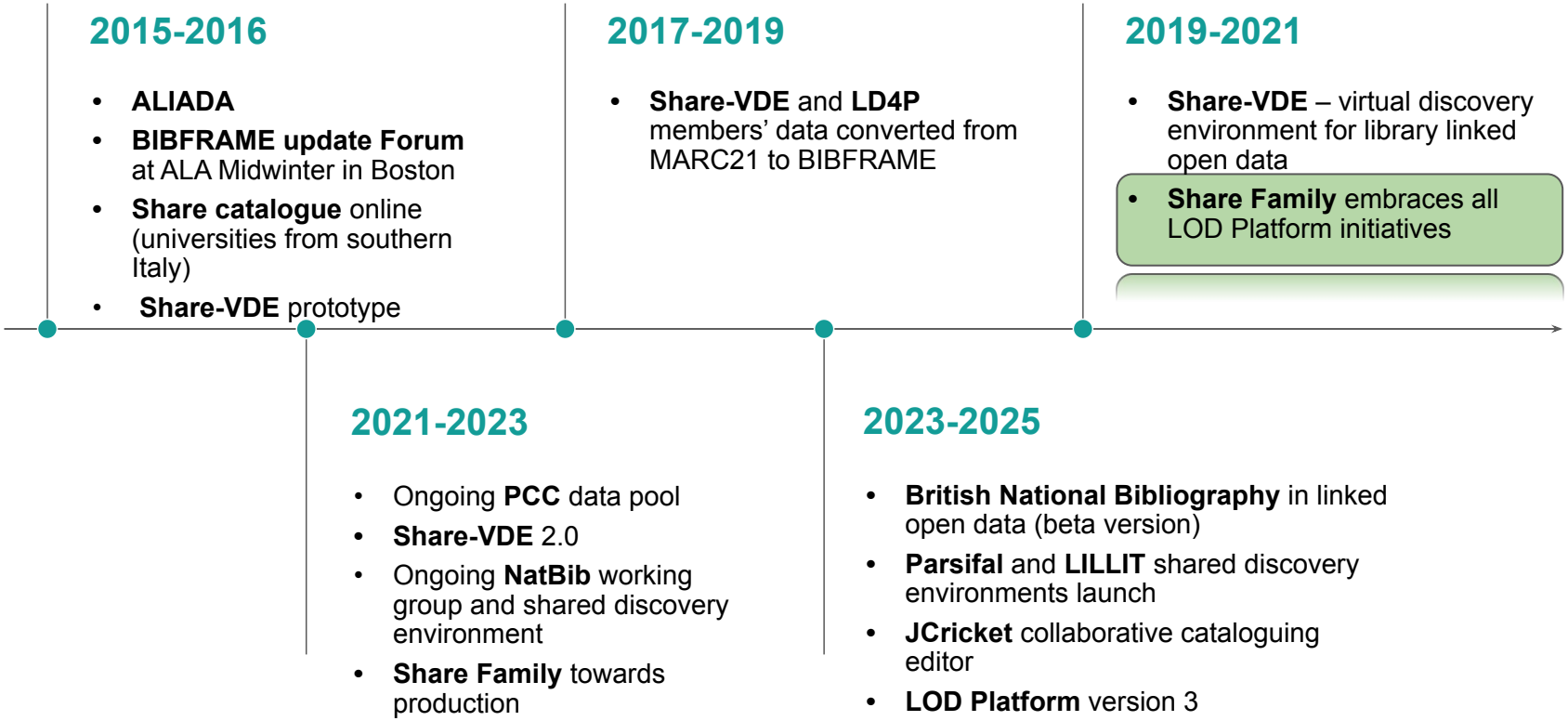
882 results

No.	Title	Year	Genre	Creators
1	Mr. Tambourine Man		Suites	Corigliano, John (author) Dylan, Bob (other) Falletta, JoAnn (other)

…e autonomia


ShareVDE
Search for people, origina tions
e.g. Jules Verne or Arour
Advanced
Explore Share-VDE member libraries' linked
Learn more
Options
Duke University Libraries
LOC Catalog
National Library of Finland Catalog
National Library of Norway Catalog
New York University Catalog
Penn Libraries Catalog
Smithsonian Catalog
Stanford Libraries Catalog
University of Alberta Library Catalog
University of Chicago Catalog
Yale University Catalog

Una storia lunga dieci anni...



SHARE Family 2020-2021 - Un nuovo ecosistema bibliografico in open data

La **Share Family** è una comunità globale fondata sulla collaborazione, che riunisce biblioteche, archivi, musei, consorzi, unendo le loro conoscenze in una rete sempre più ampia di dati bibliografici interconnessi.

Per ulteriori dettagli, consulta: https://www.share-family.org e la sezione dedicata del wiki Share Family.

SHARE Family: estendere i confini dell'iniziativa

- definire policy sostenibili a lungo tempo, in termini di *governance* e di *modelli di sviluppo*
- estendere e consolidare il modello *cooperativo*, tra le biblioteche e tra gli utenti finali
- abbracciare la più ampia comunità globale di open data

I gruppi di lavoro della Share Family

L’esperienza di organizzazione di Share-VDE intorno a gruppi di lavoro che condividano e definiscano gli orientamenti (sia scientifici che operativi) della comunità diventa un *modello* per l’intera Share Family. Nuovi gruppi di lavoro che coinvolgono tutti i tenant di Share:

- Gruppo dedicato alle Bibliografie nazionali in linked open data
- Gruppo di lavoro per la definizione di policy di utilizzo condiviso dell’editor JCricket (in progress)
- Gruppo italiano per la conversione da UNIMARC a BIBFRAME

SHARE Family: supportare e diffondere l'OMP

Share Family Open Metadata Policy

Approved by the Share Family Advisory Council
on March 15th 2023; amended on April 9th 2025

The Share Family strives to support and invest in open data to freely share information. The community is committed, wherever possible, to share data transformed by its series of Linked Open Data (LOD) processes. The Share Family community has invested great effort to ensure its structured data adhere to the accepted community standards and practices for the library and the open data community.

PUBLIC DOMAIN Share Family data may be used under a CC0 license unless expressly stated otherwise.

The Share Family data pool consists of newly created metadata objects derived from existing data provided by member institutions, enriched and published as RDF, as well as entirely new objects manually created within the system. These data are open and interoperable by humans and machines alike. The Share Family highly encourages their use to promote global dissemination, accessibility, reusability, and discoverability of information

UNIMARC - BIBFRAME Mapping

UNIMARC FIELDS	MARC21 FIELDS	CONVERSION 1
BIBLIOGRAPHIC TAGS	**BIBLIOGRAPHIC TAGS**	
100 - General Processing Data	**008--BOOKS**	
$a/17-19 - Target Audience Code	22 - Target audience	W - intendedAudience - IntendedAudience
a - juvenile, general	j - Juvenile	http://id.loc.gov/vocabulary/maudience/juv
b - pre-primary, ages 0-5	a - Preschool	http://id.loc.gov/vocabulary/maudience/pre
c - primary, ages 5-10	b - Primary	http://id.loc.gov/vocabulary/maudience/pri
d - children, ages 9-14	c - Pre-adolescent	http://id.loc.gov/vocabulary/maudience/pad
e - young adult, ages 14-20	d - Adolescent	http://id.loc.gov/vocabulary/maudience/ado
k - adult, serious	e - Adult	http://id.loc.gov/vocabulary/maudience/adu
k - adult, serious	f - Specialized	http://id.loc.gov/vocabulary/maudience/spe
m - adult, general	g - General	http://id.loc.gov/vocabulary/maudience/gen
105 - Coded Data Field: Textual Language Material, Monographic		
$a/4-7 - Form of contents codes	24-27 - Nature of contents	W - genreForm - GenreForm (with exceptions noted below)
b - catalogue	c - Catalogs	http://id.loc.gov/authorities/genreForms/gf2014026057
e - dictionary	d - Dictionaries	http://id.loc.gov/authorities/genreForms/gf2014026086
f - encyclopaedia	e - Encyclopedias	http://id.loc.gov/authorities/genreForms/gf2014026092
c - index	i - Indexes	http://id.loc.gov/authorities/genreForms/gf2014026112
k - patent	j - Patent document	http://id.loc.gov/authorities/genreForms/gf2011026438
n - laws and legislation	l - Legislation	http://id.loc.gov/authorities/genreForms/gf2011026351
m - dissertation or thesis (original) v - dissertation or thesis (revised) 7 - academic thesis below the doctoral level, including the masters	m - Theses	http://id.loc.gov/authorities/genreForms/gf2014026039
g - directory	r - Directories	http://id.loc.gov/authorities/genreForms/gf2014026087
i - statistics	s - Statistics	http://id.loc.gov/authorities/genreForms/gf2014026181

$a - Specific Material Designation and Extent (Q123)

No description defined
215 $a

edit

▾ In more languages
Configure

Language	Label	Description	Also known as
English	$a - Specific Material Designation and Extent	No description defined	215 $a
Italian	$a - Indicazione specifica del materiale ed estensione	No description defined	
British English	No label defined	No description defined	
French	$a - Type de présentation matérielle et importance matérielle	No description defined	

Statements

instance of	Bibliographic subfield ▾ 0 references + add reference	edit
	+ add value	
is included in	215 Physical description ▾ 0 references + add reference	edit
	+ add value	
has BIBFRAME conversion	I - extent - Extent ▾ 0 references + add reference	edit
	+ add value	
IFLASTANDARDS UNIMARC Elements URI	https://www.iflastandards.info/unimarc/unimarcb/elements/2XX#U215__a ▾ 0 references + add reference	edit
	+ add value	

I - extent - Extent (Q124)

No description defined

edit

▾ In more languages
Configure

Language	Label	Description	Also known as
English	I - extent - Extent	No description defined	
Italian	No label defined	No description defined	
British English	No label defined	No description defined	
French	No label defined	No description defined	

Statements

instance of	BIBFRAME conversion ▾ 0 references + add reference	edit
	+ add value	
consist of	Instance ▾ 0 references + add reference	edit
	extent ▾ 0 references + add reference	edit
	Extent ▾ 0 references + add reference	edit

iflastandards.info

HOME / UNIMARC / UNIMARCB / ELEMENTS / 2XX

IFLA Element Sets

UNIMARC/B elements 2XX

Metadata

Number of elements:	149
URI:	http://iflastandards.info/ns/unimarc/unimarcb/elements/2XX
Namespace:	http://iflastandards.info/ns/unimarc/unimarcb/elements/2XX/
Suggested prefix*:	ub2XX
Example curie:	ub2XX:1001

Element Index

Expand All | Collapse All

Show 25 entries

#	Type	CURIE	Label
Property			
#	Property	ub2XX:U215__a	"has Specific material designation and extent of item in Physical description"

P17 - BF 2 Ontology External ID

Extent (Q4665)

Number and type of units and/or subunits making up a resource

▾ In more languages

Configure

Language	Label	Description	Also known as
English	Extent	Number and type of units and/or subunits making up a resource	
Italian	No label defined	Numero e tipo di unità e/o sottounità che compongono una risorsa	
British English	No label defined	No description defined	
French	No label defined	No description defined	

Statements

instance of	BIBFRAME class ▾ 0 references
BIBFRAME 2 Ontology ID	c_Extent ▾ 0 references

Class:	Extent
URI:	http://id.loc.gov/ontologies/bibframe/Extent
Label:	Extent
Definition:	Number and type of units and/or subunits making up a resource
Used with:	extent
Example:	175394 Conversion: 2.7.0

```
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 <bf:title >
  <bf:Title >
   <bf:mainTitle >Vineland SEEC social-emotional early childhood scales</bf:mainTitle>
  </bf:Title>
 </bf:title>
 <bf:extent >
  <bf:Extent >
   <rdfs:label >xi, 195 p.</rdfs:label>
  </bf:Extent>
 </bf:extent>
</bf:Instance>
```

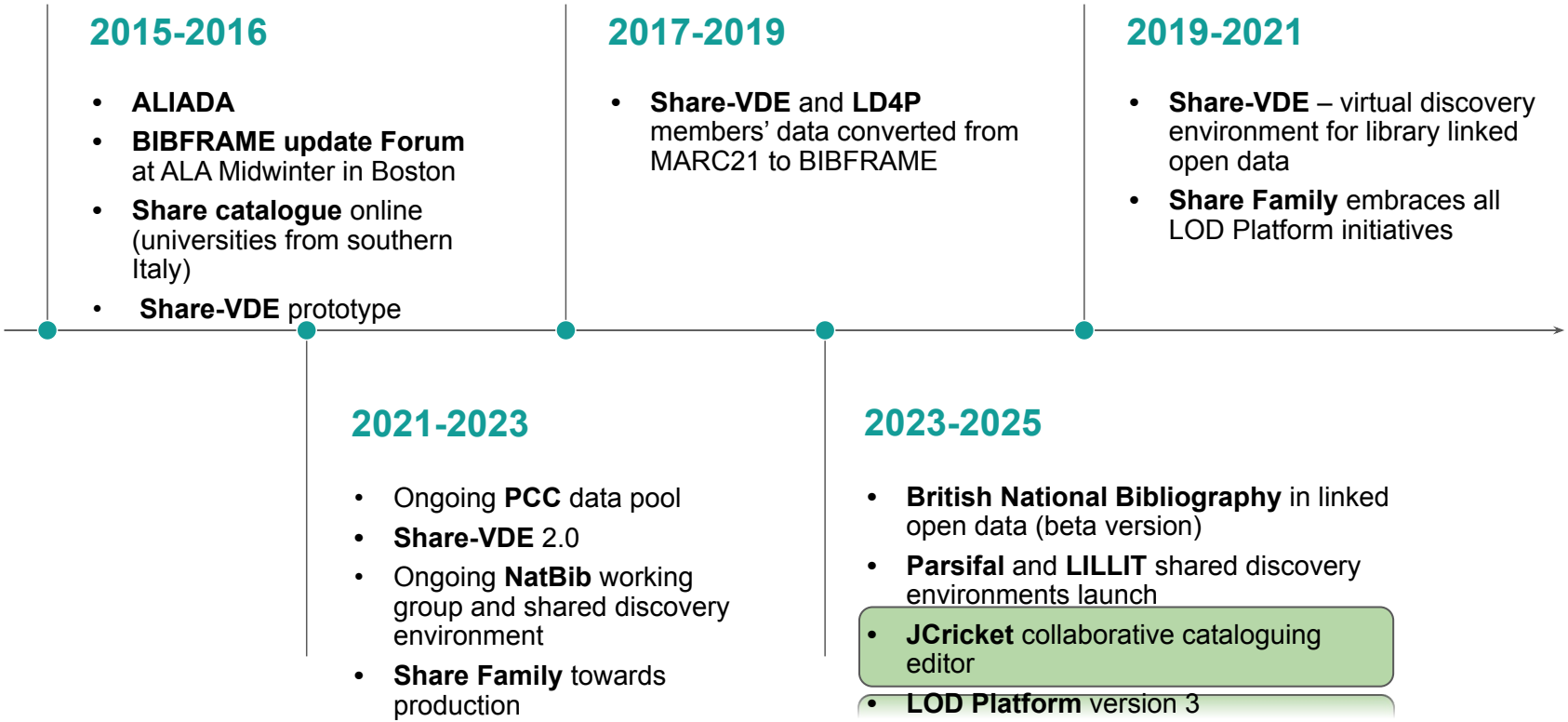
Change Notes:	2016-04-21: New

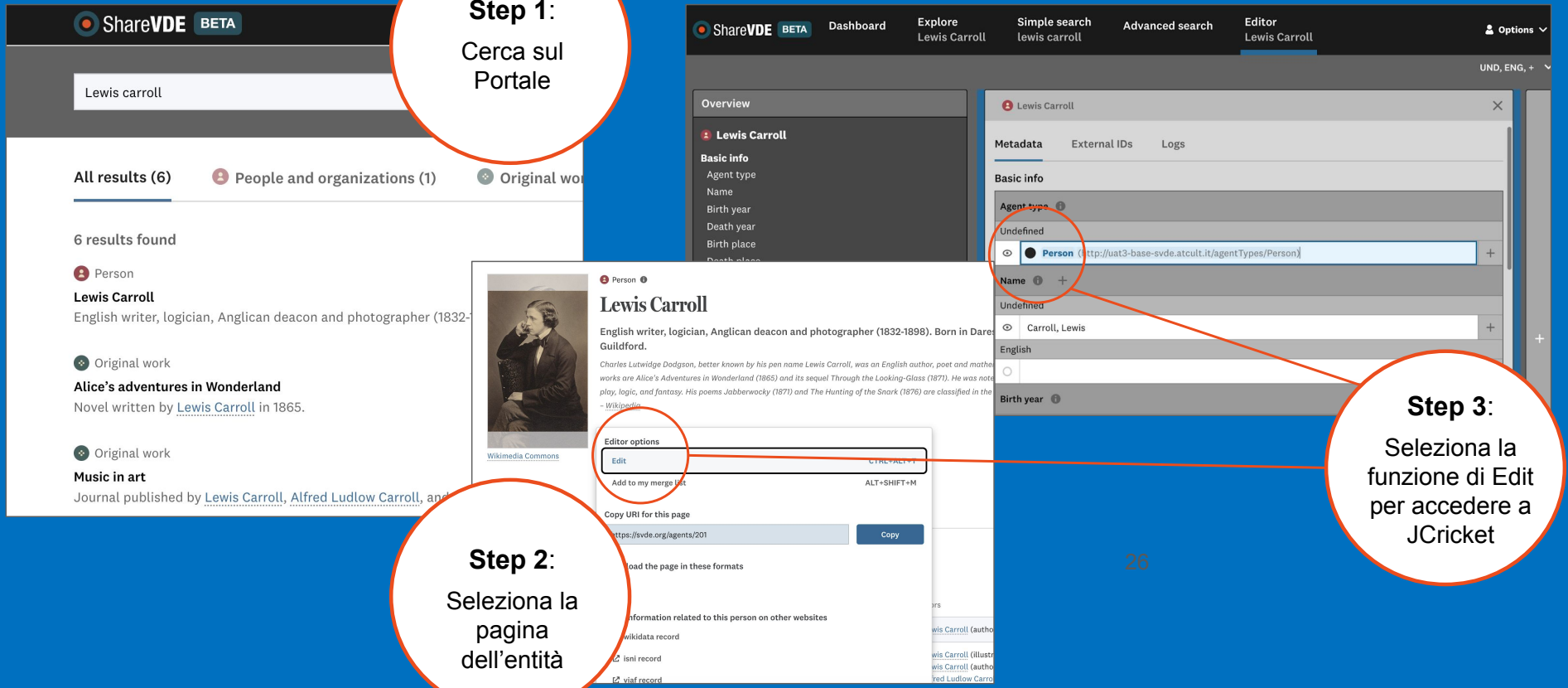
[back to class list] [back to top]

[Classi BIBFRAME con descrizioni in italiano]

Nuovi scenari di cooperazione catalografica

Una storia lunga dieci anni...





2023-2025: tool condivisi per una partecipazione collaborativa alla catalogazione

Catalogazione derivata

[Download&Import]

[Copy field from external source]

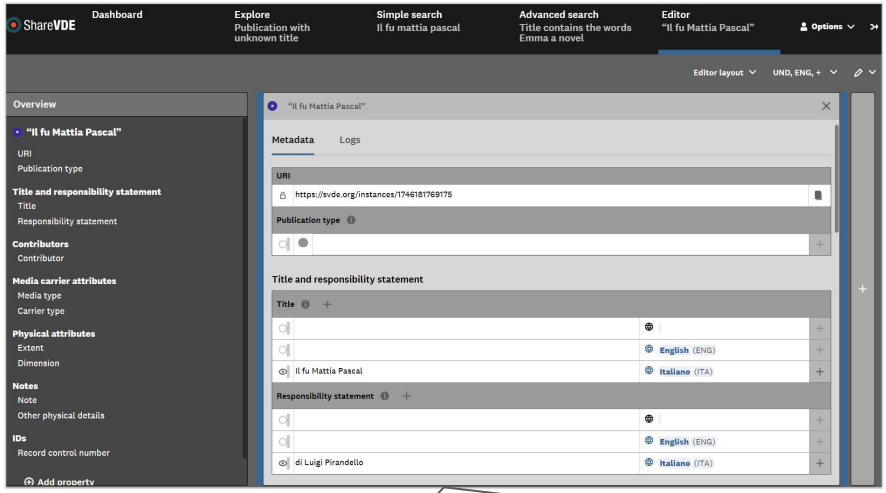
- 📄 Record derivati
  Una “copia” del record originale
  Restano invariati se non aggiornati volontariamente (“Replace”)
- 🔗 Originale vs. Derivato
  Generalmente indipendenti
  Esistono meccanismi di allineamento (es. allineamento dell’Indice SBN)
- 💻 Evoluzione tecnologica
  API, protocolli e open data → maggiore flessibilità
  La catalogazione derivata diventa meno rigida
- 🌐 Nuove possibilità
  Meccanismi di ricerca più ricchi
  Più formati di dati
  Numero crescente di fonti open data

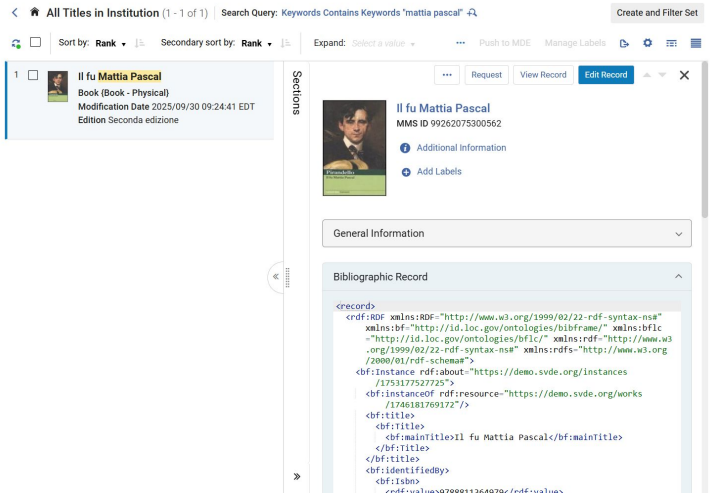
Catalogazione cooperativa

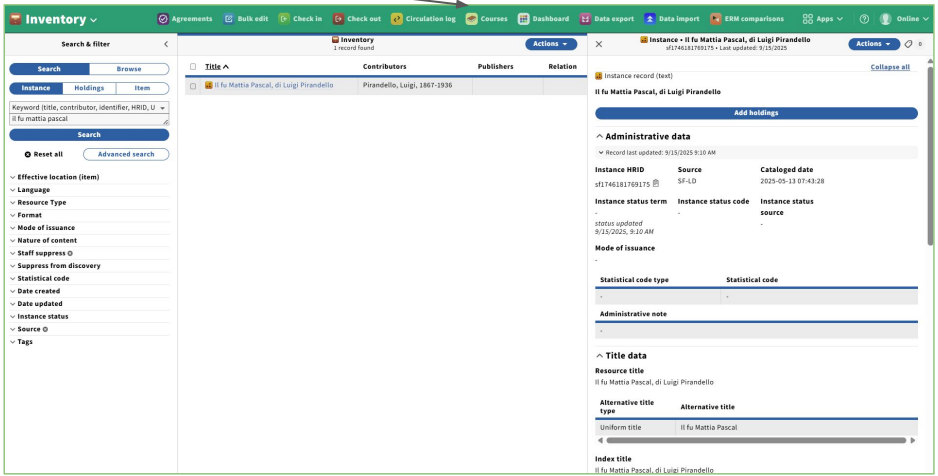
JCricket

Alma

FOLIO





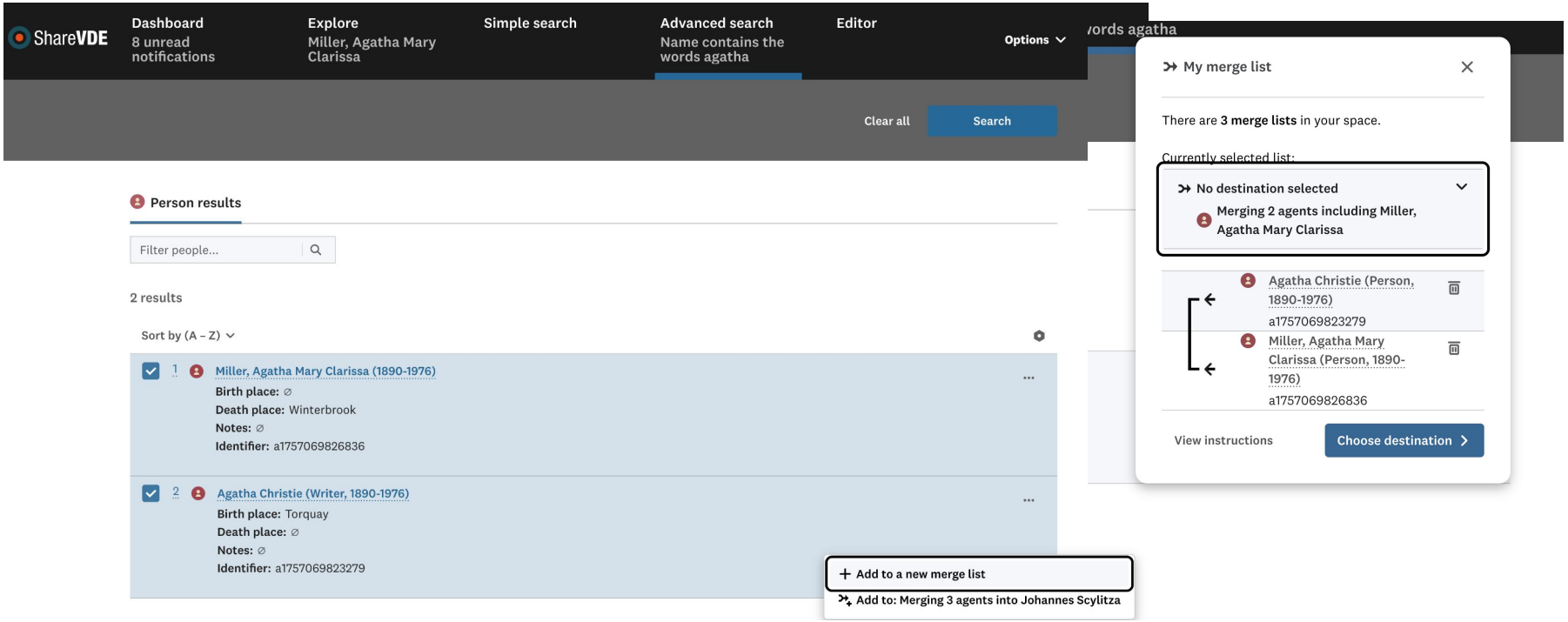


Catalogazione condivisa

La catalogazione condivisa propone un approccio integrato e collaborativo, in cui più persone contribuiscono insieme alla creazione e al miglioramento delle entità bibliografiche.

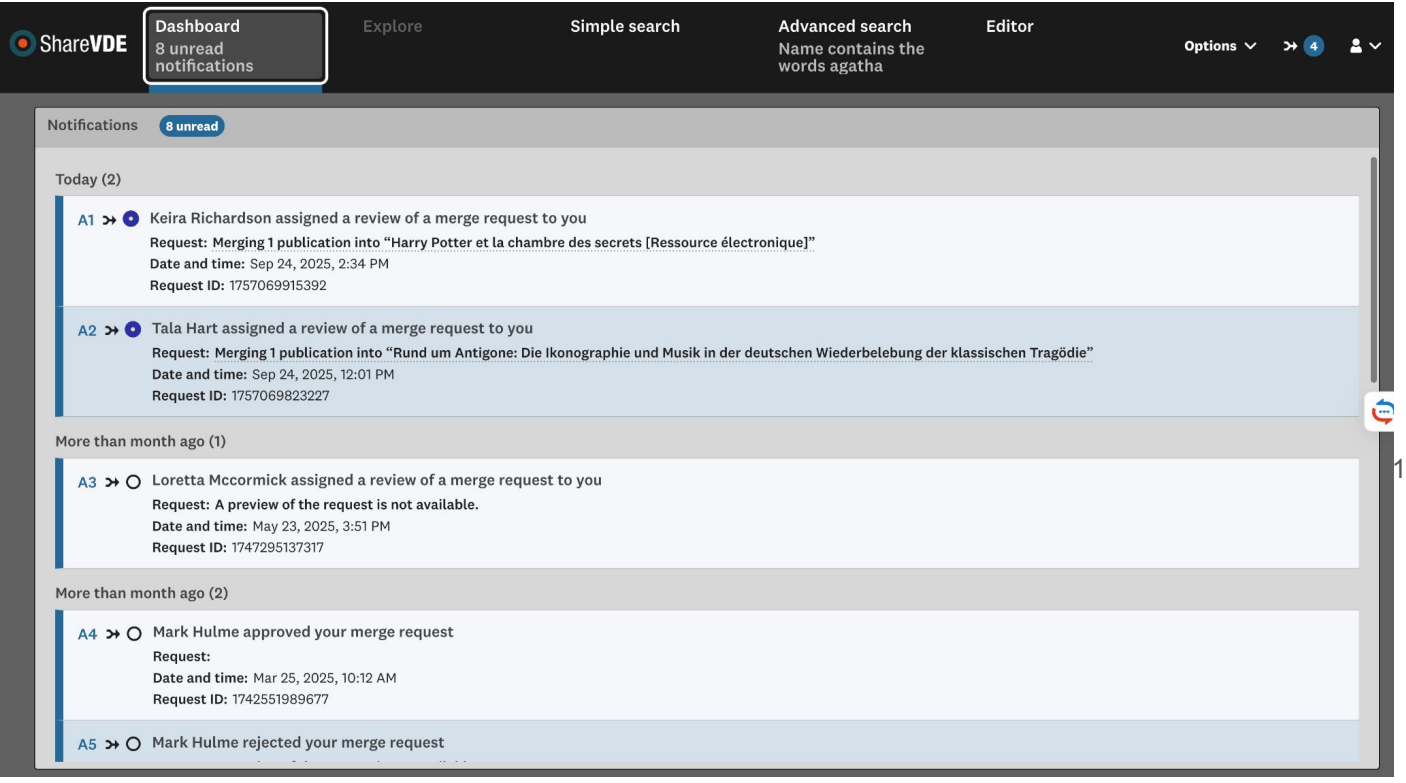
Catalogazione condivisa

Merge&Split entities in JCricket



Catalogazione condivisa

La **Dashboard di JCricket** per la programmazione delle attività



Ottimizzare investimenti e risorse: una *comunità distribuita di catalogatori*

Guidelines for Adopting JCricket in a Cooperative Library Community
[working document]

JCricket is the collaborative entity editing tool developed by the Share-VDE community for managing entity data in a Linked Open Data environment. Designed to operate on the Cluster Knowledge Base (CKB), it enables participating institutions to create, edit, merge, and split entities in alignment with the BIBFRAME ontology, improving data quality resulting from automatic clustering and MARC-to-RDF transformation processes. It also allows you to create new entities that are not derived from conversion processes but created from scratch (newly born objects).

Define User Roles and Permissions
Currently the LOD Platform provides two types of users that are enabled to work on entities contained in the CKB:

- **Basic editors** can edit only the entity statements originating from their own institution.
- **Advanced editors** have full access and can edit all statements across entities in the shared dataset. They can merge and split entities, impacting the entire CKB.

Provide Training and Ongoing Support

- Organize training sessions focused on key JCricket features, such as editing, merging, and splitting entities.

Lo sviluppo sostenibile della piattaforma

Ottimizzare investimenti e risorse: una *comunità distribuita di sviluppatori*

Draft — Framework Agreement for the Distributed Development Community of the LOD Platform (proprietary)

Premise:

The LOD Platform is a proprietary commercial system developed by Casalini Libri/@Cult, serving as the technological platform for the Share Family initiative and created under the guidance of the library community.

Note: while the standard participation model to LOD Platform-based services is SaaS promoted by Casalini Libri/@Cult, the present document aims to propose an alternative solution to exploit the services.

The goal of what is defined here as a *Distributed Development Community (DDC)* is to enable expert institutions, library IT departments, and technical partners to contribute to the development of extensions and integrations, without creating forks or deviations from the LOD Platform core components.

The establishment of a *Distributed Development Community* ensures faster development timelines by encouraging broader participation in the LOD Platform development process and, at the same time, enables the dissemination of know-how within a wider community, supporting more sustainable use and the long-term management of a more robust and consolidated LOD Platform.

Nuovi servizi all’utenza

Partnership for Academic Library Collaboration and Innovation

- PALCI è un consorzio di 80 biblioteche accademiche dislocate negli Stati di Pennsylvania, Delaware, New Jersey, New York, West Virginia degli Stati Uniti.

- Il servizio originario erogato da PALCI si chiama EZBorrow (basato sull'infrastruttura ReShare sviluppata da Index Data) ed è dedicato al prestito tra le istituzioni consorziate dei volumi a stampa.

Partnership for Academic Library Collaboration and Innovation

Visione: integrare in modo fluido il prestito delle risorse elettroniche nei flussi di *ReShare* semplificando e migliorando l'esperienza degli utenti, presentando l'e-delivery come un normale metodo di accesso alle risorse.

Ostacoli: i metadati e le informazioni sulle copie elettroniche sono spesso poco integrati nei cataloghi delle biblioteche; pratiche catalografiche e identificatori diversi rendono difficile stabilire la corrispondenza tra le versioni cartacee ed elettroniche.

Partnership for Academic Library Collaboration and Innovation

PALCI ha commissionato in estate 2025 a Casalini/@Cult la messa a punto di un data tenant della Share Family che, con le componenti della LOD Platform, metta a disposizione una base dati in linked open data e un portale dedicati.

La base dati delle entità (Cluster Knowledge Base) viene utilizzata come fonte informativa per innestare i nuovi servizi ReShare di Index Data.

PALCI™
Partnership for Academic Library Collaboration and Innovation

Partnership for Academic Library Collaboration and Innovation

- La **CKB di Share** consente un raggruppamento più raffinato delle risorse, indipendentemente dal formato di fruizione.

- La relazione **Opera - Istanza** migliora la presentazione delle *istanze correlate* (es. diverse edizioni dello stesso titolo).

- Il progetto mira a creare un **flusso di dati bidirezionale** tra l'indice di discovery di ReShare e la base dati di Share

- L'**estensione del modello di holdings di ReShare ai contenuti digitali** è fondamentale per supportare la circolazione delle risorse elettroniche.

La filosofia della Share Family

Cooperativa

Strumenti condivisi per una gestione collaborativa dei dati

Sostenibile

Ottimizzazione degli sforzi a beneficio di tutti i membri

Aperta

Interoperabilità per una maggiore scoperta delle collezioni

Inclusiva

Diversità per valorizzare ed equilibrare l'accesso al sapere

Dinamica

Flessibilità e interazione sono al centro della Share Family

Dettagli qui:
http://bit.ly/44rnqpA

Grazie!

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