



# Look beyond

## **Indicizzazione per soggetto delle risorse non librerie**

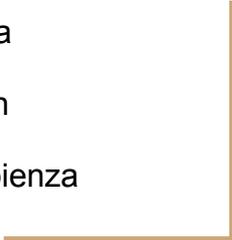
6 febbraio 2023

Organizzato da

AIB CILW; ISKO Italia

In collaborazione con

Sistema Bibliotecario Sapienza





# Le stringhe e la loro semantica

## Il trattamento dei soggetti nei processi di modellamento delle entità

Tiziana Possemato



# Abstract

The transition from the concept of *cataloging* to that of *entity modeling* in the cataloging field requires some tailoring of the mental approach to the wording and management of information, before that of practical tools. Entity modeling is based on the idea that every object in the real world, whether concrete or purely conceptual, can be well identified and described, with the main purpose of being reused, even in very different contexts. The most up-to-date cataloging rules, for example the Official RDA Toolkit, introduces some terms that clearly indicate this shift of perspective towards entity modeling: the term *entity boundary*, for example, clearly suggests the concept of identifying the boundaries of an entity, to steer and direct cataloging decisions.

But the processes of identification, which are effective on some types of things, instead show all their weaknesses when the boundaries of the object become uncertain or even fluid: semantic indexing becomes prone to manipulation or distortion of meaning in this regard, being largely influenced by cultural contexts, linguistic variants, different political and social approaches of the responsible institutions. The problem of using the *owl:sameAs* property to connect individuals with the same identity but in different datasets, which isn't new in the field of Artificial Intelligence and the Semantic Web, becomes huge when the entities to be connected are difficult to place in a precise semantic frame. One of the possible approaches to capture and identify the meaning that a string conveys is the creation of a sort of *semantic chains*, a possible, albeit onerous, method in entity modeling processes that use different, heterogeneous but somehow connectable sources.

# Share-VDE Institutions

## Share-VDE full members

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Share-VDE platform [hosts](#) the data of the full member institutions:

- Duke University [www.duke.edu](http://www.duke.edu)
- Library of Congress [www.loc.gov](http://www.loc.gov)
- National Library of Finland [www.kansalliskirjasto.fi/en](http://www.kansalliskirjasto.fi/en)
- National Library of Norway [www.nb.no/en/the-national-library-of-norway/](http://www.nb.no/en/the-national-library-of-norway/)
- New York University [www.nyu.edu/](http://www.nyu.edu/)
- Smithsonian Institution [www.si.edu/](http://www.si.edu/)
- Stanford University [www.stanford.edu](http://www.stanford.edu)
- The British Library [www.bl.uk](http://www.bl.uk)
- University of Alberta / NEOS Library Consortium [www.ualberta.ca](http://www.ualberta.ca)
- University of Chicago [www.uchicago.edu](http://www.uchicago.edu)
- University of Michigan Ann Arbor [www.umich.edu](http://www.umich.edu)
- University of Pennsylvania [www.upenn.edu](http://www.upenn.edu)
- Vanderbilt University [www.vanderbilt.edu/](http://www.vanderbilt.edu/)
- Yale University - level 1, former Cohort member, [www.yale.edu](http://www.yale.edu)

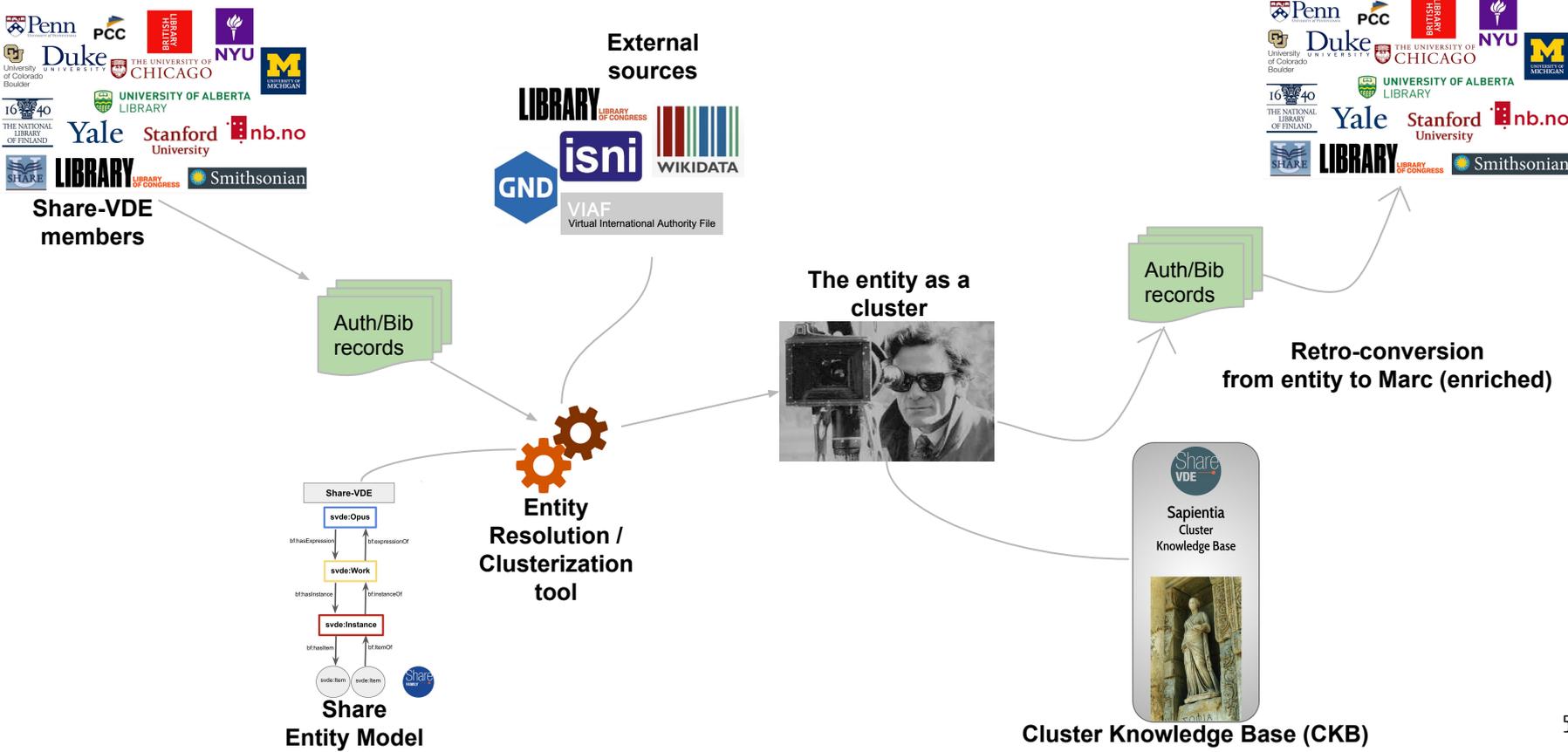
## Cohort libraries

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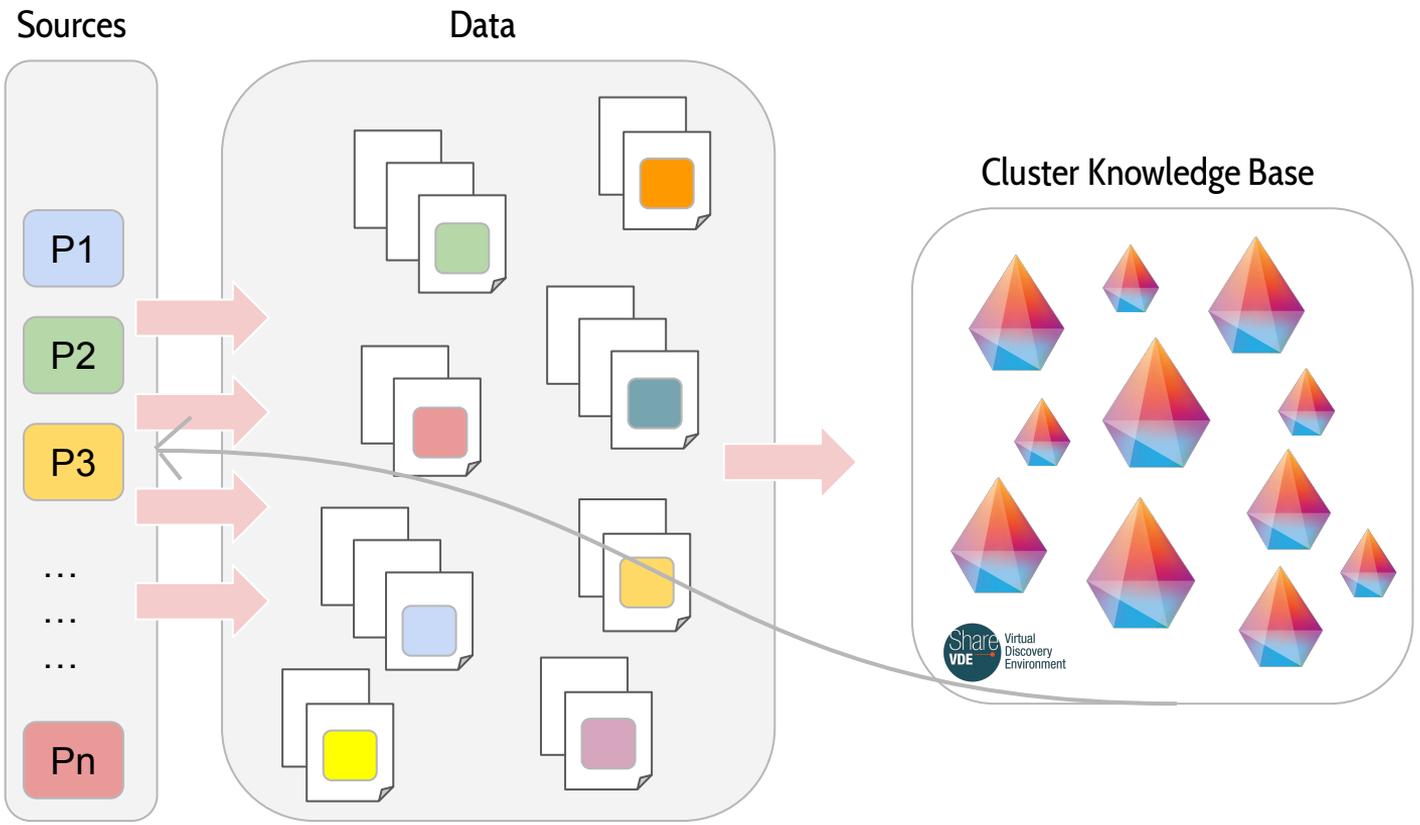
The institutions taking advantage of the Share-VDE Linked Data Lifecycle Support and contributing to the Share-VDE Cluster Knowledge Base are:

- Cornell University [www.cornell.edu](http://www.cornell.edu)
- Frick Art Reference Library [www.frick.org](http://www.frick.org)
- Harry Ransom Center [www.hrc.utexas.edu](http://www.hrc.utexas.edu)
- Harvard University [www.harvard.edu](http://www.harvard.edu)
- National Library of Medicine [www.nlm.nih.gov](http://www.nlm.nih.gov)
- Northwestern University [www.northwestern.edu](http://www.northwestern.edu)
- Princeton University [www.princeton.edu](http://www.princeton.edu)
- Texas A&M University [www.tamu.edu](http://www.tamu.edu)
- University of California, Davis [www.ucdavis.edu](http://www.ucdavis.edu)
- University of California, San Diego [ucsd.edu](http://ucsd.edu)
- University of Colorado Boulder [www.colorado.edu](http://www.colorado.edu)
- University of Minnesota <https://twin-cities.umn.edu/>
- University of Washington <https://www.washington.edu/>

# Share-VDE Conversion pipeline: from records to entity

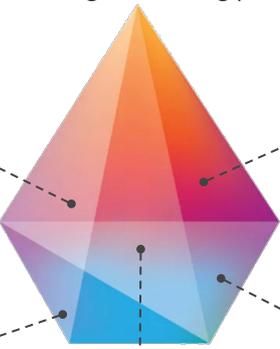


# Library cooperation: the cluster as the set of many faces



# A cluster is an entity, is a prism

The **entity**  
created through clustering processes



P1  Virtual International Authority File	
<b>title</b>	Alice in wonderland
<b>titleAlternative</b>	Alice's adventures under ground
<b>author</b>	<a href="https://svde.org/people/201">https://svde.org/people/201</a>

P2  WIKIDATA	
<b>title</b>	Alice in wonderland
<b>titleAlternative</b>	Alice's adventures under ground
<b>author</b>	<a href="https://svde.org/people/201">https://svde.org/people/201</a>

P4  (BnF) Data	
<b>title</b>	Alice in wonderland

P3  Share VDE		
<b>sameAs</b>	<a href="http://dbpedia.org/resource/Alice&amp;#39;s_Adventures_in_Wonderland">http://dbpedia.org/resource/Alice&amp;#39;s_Adventures_in_Wonderland</a>	Dbpedia
<b>sameAs</b>	<a href="https://www.wikidata.org/wiki/Q189875">https://www.wikidata.org/wiki/Q189875</a>	Wikidata
<b>sameAs</b>	<a href="https://data.bnf.fr/ark:/12148/cb358500385#about">https://data.bnf.fr/ark:/12148/cb358500385#about</a>	bnf

P5  WorldCat <sup>®</sup> Entities	
<b>title</b>	Alice's adventures under ground
<b>titleAlternative</b>	Journeys in Wonderland
<b>author</b>	<a href="https://svde.org/people/201">https://svde.org/people/201</a>

# From record to entity

Each record has metadata useful to derive properties in order to build entities.  
But they are hidden.

Full Record	MARC Tags
	<a href="#">Where to Request</a>
000	02384cam a2200445 a 4500
001	15789102
005	20100204124659.0
008	090624s2009 enka b 000 0 eng
010	__  a 2009025024
015	__  a GBA959347  2 bnb
016	7_  a 015291646  2 UK
020	__  a 9780521519748 (hbk.)
020	__  a 0521519748 (hbk.)
020	__  a 9780521732505 (pbk.)
020	__  a 0521732506 (pbk.)
035	__  a (OCOLC)ocn416716652
040	__  a DLC  c DLC  d YDXCP  d BWKUK  d BWK  d FDA  d UKM  d BTCTA  d CEF  d CDX  d DLC
050	00  a PR2803.A2  b H35 2009
082	00  a 822.3/3  2 22
100	1_  a <b>Shakespeare</b> , William,  d 1564-1616.
245	10  a <b>As you like it</b> /  c edited by Michael Hattaway.
250	__  a Updated ed.
260	__  a <b>Cambridge</b> , UK ;  a New York :  b <b>Cambridge</b> University Press,  c 2009.
300	__  a xv, 240 p. :  b ill. ;  c 24 cm.
490	1_  a New <b>Cambridge Shakespeare</b>
504	__  a Includes bibliographical references (p. 240).
505	0_  a Introduction. Journeys ; Plays within the play ; Theatrical genres ; Pastoral ; Counter-pastoral ; The condition of the country ; Politics ; 'Between <b>you</b> and the women the play must please' ; Gender ; Nuptials ; Sources ; Date and occasion ; Stage history ; Recent critical and stage interpretations -- Note on the text -- List of characters -- The play -- Textual analysis -- Appendixes : 1. An early court performance? ; 2. Extracts from <b>Shakespeare's</b> principal source, Lodge's <i>Rosalind</i> ; 3. The songs.
600	10  a <b>Shakespeare</b> , William,  d 1564-1616.  t <b>As you like it</b> .
650	_0  a Fathers and daughters  v Drama.
650	_0  a Exiles  v Drama.
655	_7  a Pastoral drama.  2 gsafd
655	_7  a Comedies.  2 gsafd
700	1_  a Hattaway, Michael.

# The new revolution: from record to entity

Full Record	MARC Tags
	<a href="#">Where to Request</a>
000	02384cam a2200445 a 4500
001	15789102
005	20100204124659.0
008	090624s2009 enka b 000 0 eng
010	__  a 2009025024
015	__  a GBA959347  2 bnb
016	_  a 015291646  2 Uk
020	__  a 9780521519748 (hbk.)
020	__  a 0521519748 (hbk.)
020	__  a 9780521732505 (pbk.)
020	__  a 0521732506 (pbk.)
035	__  a (OCoLC)ocn416716652
040	__  a DLC  c DLC  d YDXCP  d BWKUK  d BWK  d FDA  d UKM  d BTCTA  d CEF  d CDX  d DLC
050	00  a PR2803.A2  b H35 2009
082	00  a 822.3/3  2 22
100	1_  a <b>Shakespeare</b> , William,  d 1564-1616.
245	10  a <b>As you like it</b> /  c edited by Michael Hattaway.
250	__  a Updated ed.
260	__  a <b>Cambridge</b> , UK ;  a New York :  b <b>Cambridge University Press</b> ,  c 2009.
300	__  a xv, 240 p. :  b ill. ;  c 24 cm.
490	1_  a New <b>Cambridge Shakespeare</b>
504	__  a Includes bibliographical references (p. 240).
505	0_  a Introduction. Journeys ; Plays within the play ; Theatrical genres ; Pastoral ; Counter-pastoral ; The condition of the country ; Politics ; Between <b>you</b> and the women the play must please ; Gender ; Nuptials ; Sources ; Date and occasion ; Stage history ; Recent critical and stage interpretations -- Note on the text -- List of characters -- The play -- Textual analysis -- Appendixes : 1. An early court performance? ; 2. Extracts from <b>Shakespeare</b> 's principal source, Lodge's Rosalind ; 3. The songs.
600	10  a <b>Shakespeare</b> , William,  d 1564-1616.  t <b>As you like it</b> .
650	_0  a Fathers and daughters  v Drama.
650	_0  a Exiles  v Drama.
655	_7  a Pastoral drama.  2 gsafd
655	_7  a Comedies.  2 gsafd
700	1_  a Hattaway, Michael.

As you like it [print]



As you like it [on-line]

Cambridge University Press



Publisher

Cambridge Univ. Press

Shakespeare, William, 1564-1616

Шекспир, У. 1564-1616 Уильям

Saixpēr, Gouilliam, 1564-1616



Agent

As you like it



Work

Come ti piace

Comme il vous plaira

Fathers and daughters



Subject

Padri e figlie

Pères et filles

# From cataloging to entity modeling

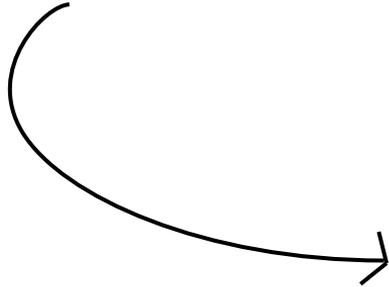
**Entity boundary** in the Official RDA Toolkit

Glossary:

**entity boundary:** A set of criteria that is applied by an agent who creates metadata to determine if a new entity is being described.

*Use for:* boundary

[https://access.rdatoolkit.org/en-US\\_rdaregistry.info-termList-RDATerms-1194](https://access.rdatoolkit.org/en-US_rdaregistry.info-termList-RDATerms-1194)



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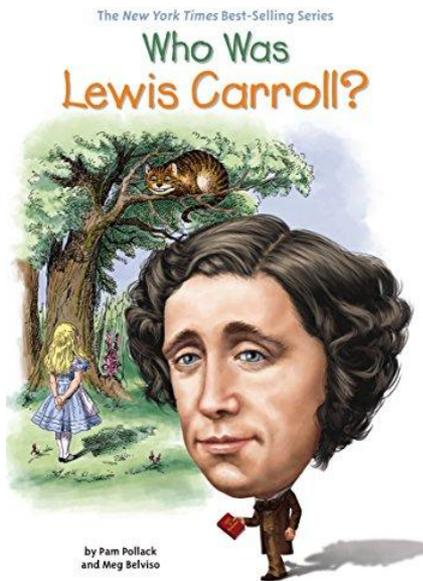
## When to Create a New Work

### (Determining Entity and Transformation Boundaries)

To determine whether or not a new RDA Work is needed, one must first determine whether there are Entity boundaries. [Guidance > Entity boundaries](#) in the RDA Toolkit provides an overview of how Entity boundaries are used for various RDA entities. This section of the MGD highlights Entity and Transformation boundaries for Diachronic works. This requires understanding the CONDITIONS and OPTIONS located at [Work. Entity boundary](#) and [Diachronic works. Transformation boundaries](#).

<https://www.loc.gov/aba/rda/mgd/mg-basicCatalogingDecisions.pdf>

# Entity Resolution (ER) and Entity modeling



?



Lewis Carroll => *Alice's Adventures in Wonderland*

Charles Lutwidge Dodgson => *The game of logic*

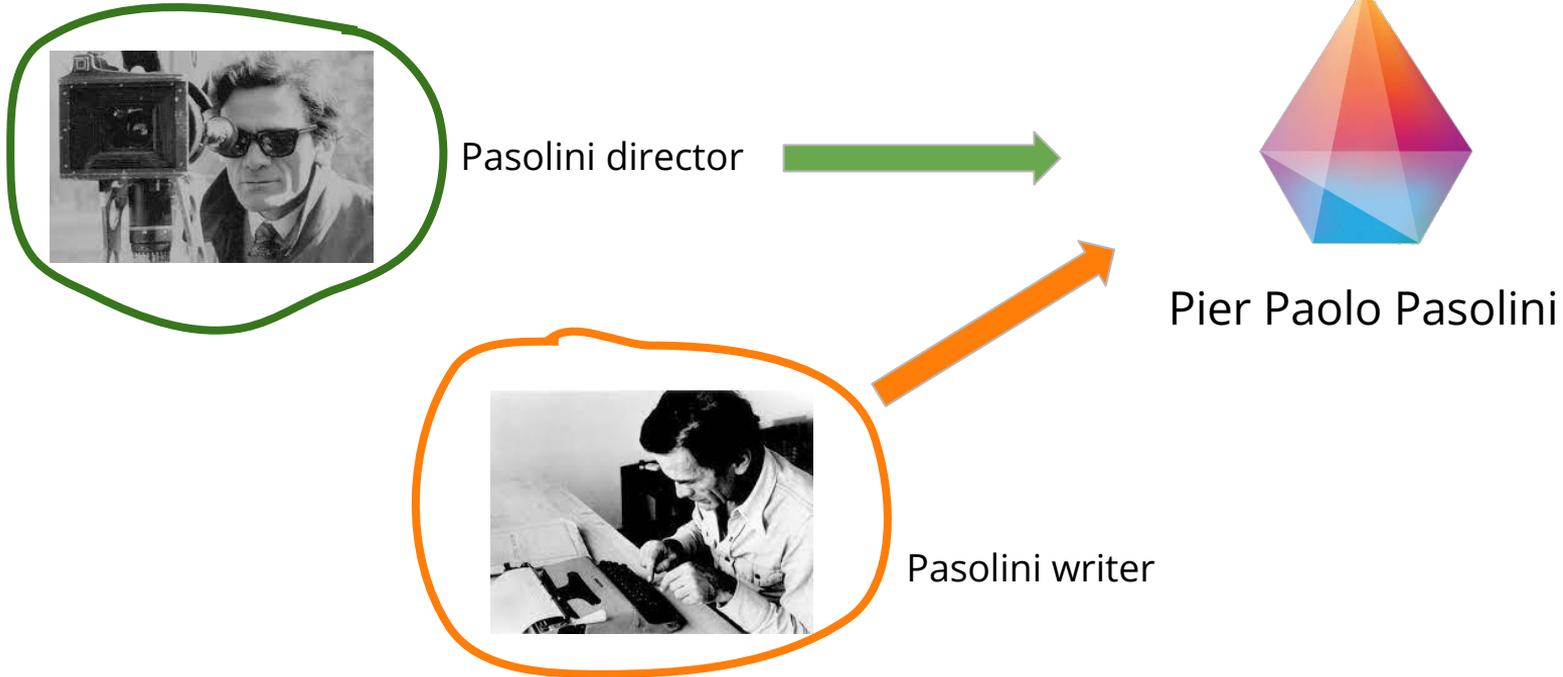
# L'Entity Resolution (ER)

**Entity Resolution:** the processes that make it possible to identify the same and unique entity among a thousand different expressions, representations, profiles, identities.

**Task of Entity Resolution:** identify all mentions representing the same entity within the same knowledge base or in multiple knowledge bases.

# Entity Resolution

**Profile:** the information unit that expresses the identity of a particular and unique entity

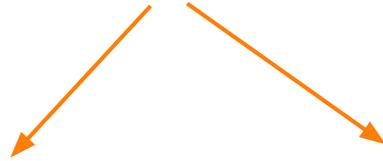


# L'Entity modeling

In order for a machine to **identify an object**, it must first know its **profile**: it must know what to look for and how it expects to find that object.

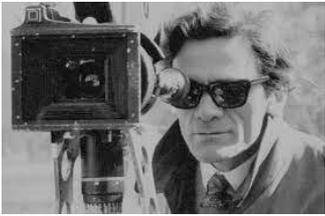
It must know **how that thing is modeled**.

*“look for laptop backpack, size 15”, size 45 x 30 cm, in waterproof fabric, blue color”*



# From concrete to abstract entities

The more concrete the entity, the more the boundaries are definable



Pier Paolo Pasolini



- **Place of birth:** Bologna
- **Date of birth:** 5 marzo 1922
- **Place of death:** Ostia
- **Date of death:** 2 novembre 1975
- **Qualifications:** Italian intellectual, poet, writer, director, screenwriter, actor, playwright, painter, novelist, linguist, translator and essayist
- **Works:** *Ragazzi di vita*, *Una vita violenta*, *Donne di Roma*, *L'odore dell'India*, *Il sogno di una cosa*, *Alì dagli occhi azzurri*, *Teorema* *La Divina Mimesis*, *Amado mio...*



rivers



- **URI LOC:** <http://id.loc.gov/authorities/subjects/sh85114250>
- **Exact Matching Concepts from Other Schemes:**  
<https://lod.nal.usda.gov/nalt/21953>
- **Closely Matching Concepts from Other Schemes:**
  - Bach (<https://d-nb.info/gnd/4140549-3>)
  - Fließgewässer (<https://d-nb.info/gnd/4017551-0>)
  - Fluss (<https://d-nb.info/gnd/4131972-2>)
  - river (<https://www.wikidata.org/wiki/Q4022>)
  - *many others*
- **Equivalent:** [https://thes.bncf.firenze.sbn.it/termine\\_eng.php?id=7750](https://thes.bncf.firenze.sbn.it/termine_eng.php?id=7750)

# How difficult is it to define a "thing"

French:

- **fleuve** => a river that runs into the sea
- **rivière** => a river that runs into a lake or another river.

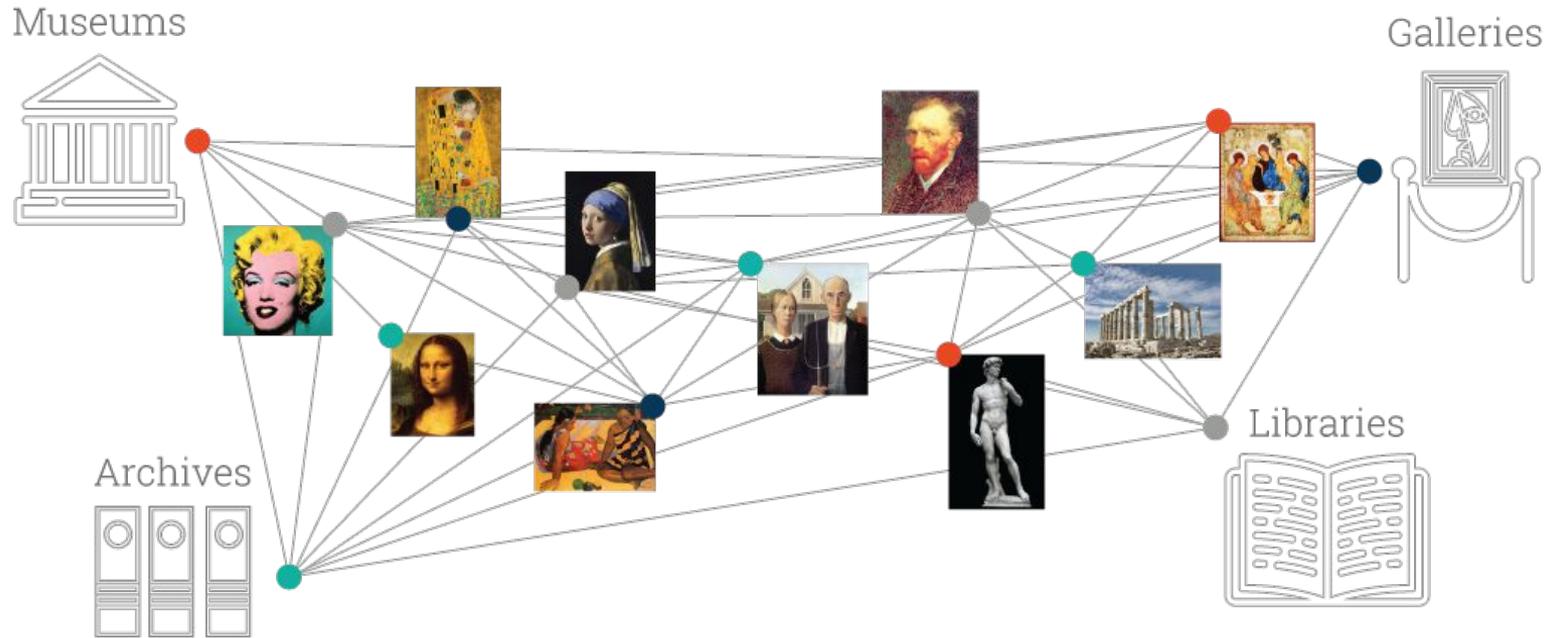
Swedish - there's three words but the differences are sort of more vague:

- **Älv** => a large river in Sweden, Norway or Finland,
- **flod** => a large river elsewhere,
- **å** => the rest (a smaller stream would be called **bäck**).

Furthermore, in Finnish culture, when naming rivers, the convention is that **rivers north of Götaälv** (a specific river in Sweden) are named '**älv**' and **rivers to the south** are '**å**' and finally **rivers outside of Scandinavia** are '**flod**'.

\*Examples taken from a conversation with Matias Frosterus, Information Systems Manager at the National Library of Finland, around analysis and subject studies in a multilingual and multicultural context, to build Finto (centralized service for interoperable thesauri, ontologies and classification schemes for different subject areas - <https://finto.fi/en/>) and the general Finnish ontology.

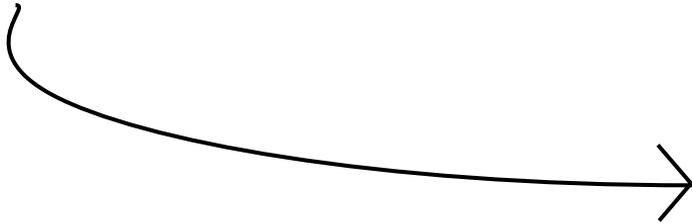
# The Web of Data as a decentralised knowledge representation



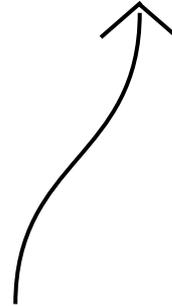
Source: <https://www.ontotext.com/knowledgehub/webinars/build-narratives-connect-artifacts-cultural-heritage/>

# The *owl:sameAs* problem

*“The built-in OWL property **owl:sameAs** links an individual to an individual. Such an owl:sameAs statement indicates that two URI references actually refer to the same thing: the individuals have the same “identity”\**



This interlinking is typically established by asserting that two names denote the same real-world entity



Whenever multiple names are used to denote the same thing, *owl:sameAs* statements are needed in order to link the data and foster reuse

\*<https://www.w3.org/TR/owl-ref/#sameAs-def>

# The *owl:sameAs* problem

```
<rdf:Description rdf:about="#Alessandro_Pertini">  
  <owl:sameAs rdf:resource="#Sandro Pertini"/>  
</rdf:Description>
```

```
<owl:Class rdf:ID="FootballTeam">  
  <owl:sameAs rdf:resource="http://sports.org/US#SoccerTeam"/>  
</owl:Class>
```

This statement indicates that **every property asserted to one name will also be inferred to the other**. Hence, allowing both names to be used interchangeably in all contexts.

Entities that are **identical** are considered to share **the same properties**  
(Indiscernibility of Identicals, Leibniz)

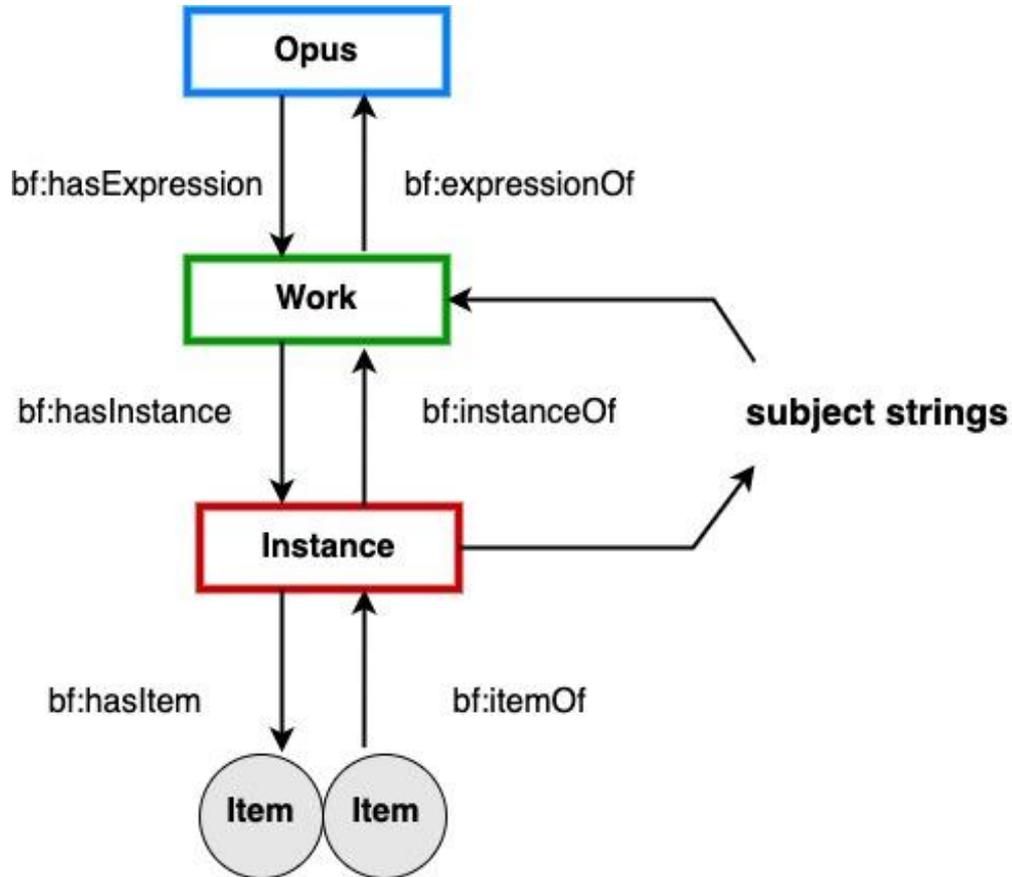
# The Share-VDE Cluster Knowledge Base - Numbers\*

165,417,388	Total <b>clusters/entities</b> generated from approximately 65,000,000 bibliographic records and approximately 14,000,000 authority records.
	Types of clusters: <ul style="list-style-type: none"><li>● Person: 10,428,626</li><li>● Family: 46,369</li><li>● Organization: 5,443,637</li><li>● Conference: 675,985</li><li>● Original work: 30,699,652</li><li>● Work: 35,702,678</li><li>● Instance: 46,600,234</li><li>● Item: 3,491,938</li><li>● Subject: 17,190,875</li><li>● Other entities: 15.137.393</li></ul>
32,854,501	<b>owl:sameAs</b> properties present in the Share-VDE CKB

# The Share-VDE Cluster Knowledge Base - Numbers

12,789,833	Total number of <b>distinct clusters</b> that have at least one <i>owl:sameAs</i> property, of which:
	<ul style="list-style-type: none"><li>• meeting 403923</li><li>• organization 1953026</li><li>• person 9005860</li><li>• family 32699</li><li>• opus 1222548</li><li>• place 153954</li><li>• occupation 14626</li><li>• language 516</li><li>• role 267</li><li>• agentType 4</li><li>• form 33</li><li>• genre 2263</li><li>• format57</li><li>• availability 34</li><li>• SubjectType 15</li><li>• OpusType 7</li><li>• PublicationType 1</li></ul>

# Data enrichment in an integrated environment

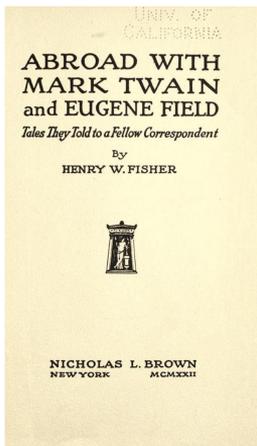


# Library of Congress

- 100 1\_ |a Fischer, Henry W. |q (Henry William), |d 1856-1932.  
245 10 |a Abroad with Mark Twain and Eugene Field : |b tales they told to a fellow correspondent / |c by Henry W. Fisher.  
260 — |a New York : |b Nicholas L. Brown, |c 1922.  
300 — |a 246 p. ; |c 21 cm.  
500 — |a Edited by Merle Johnson.  
500 — |a In addition to the trade ed., there is a limited ed. of 325 numbered copies on Blandford Antique Laid paper.  
500 — |a LC has copy of trade ed. |5 DLC  
600 10 |a Twain, Mark, |d 1835-1910 |x Travel |z Europe.  
600 10 |a Field, Eugene, |d 1850-1895 |x Travel |z Europe.  
650 \_0 |a Authors, American |y 19th century |v Biography.  
700 1\_ |a Johnson, Merle De Vore, |d 1874-1935.  
710 2\_ |a Roy J. Friedman Mark Twain Collection (Library of Congress) |5 DLC

## University of Alberta

<b>Language:</b>	German
<b>Authors:</b>	Fischer, Henry W. (Henry William), 1856-1932
<b>Publication Information:</b>	New York, N. L. Brown, 1922.
<b>Publication Date:</b>	1922
<b>Physical Description:</b>	p. cm.
<b>Publication Type:</b>	Book
<b>Document Type:</b>	Non-fiction; Individual biography
<b>Subject Terms:</b>	Field, Eugene, 1850-1895 Twain, Mark, 1835-1910
<b>Notes:</b>	committed to retain 20170930 20421231 Hathitrust I
<b>Other Authors:</b>	Johnson, Merle, 1874-1935



## Duke University

# Abroad with Mark Twain and Eugene Field; tales they told to a fellow correspondent

by **Henry W. Fisher.**

Fischer, Henry W. (Henry William), 1856-1932

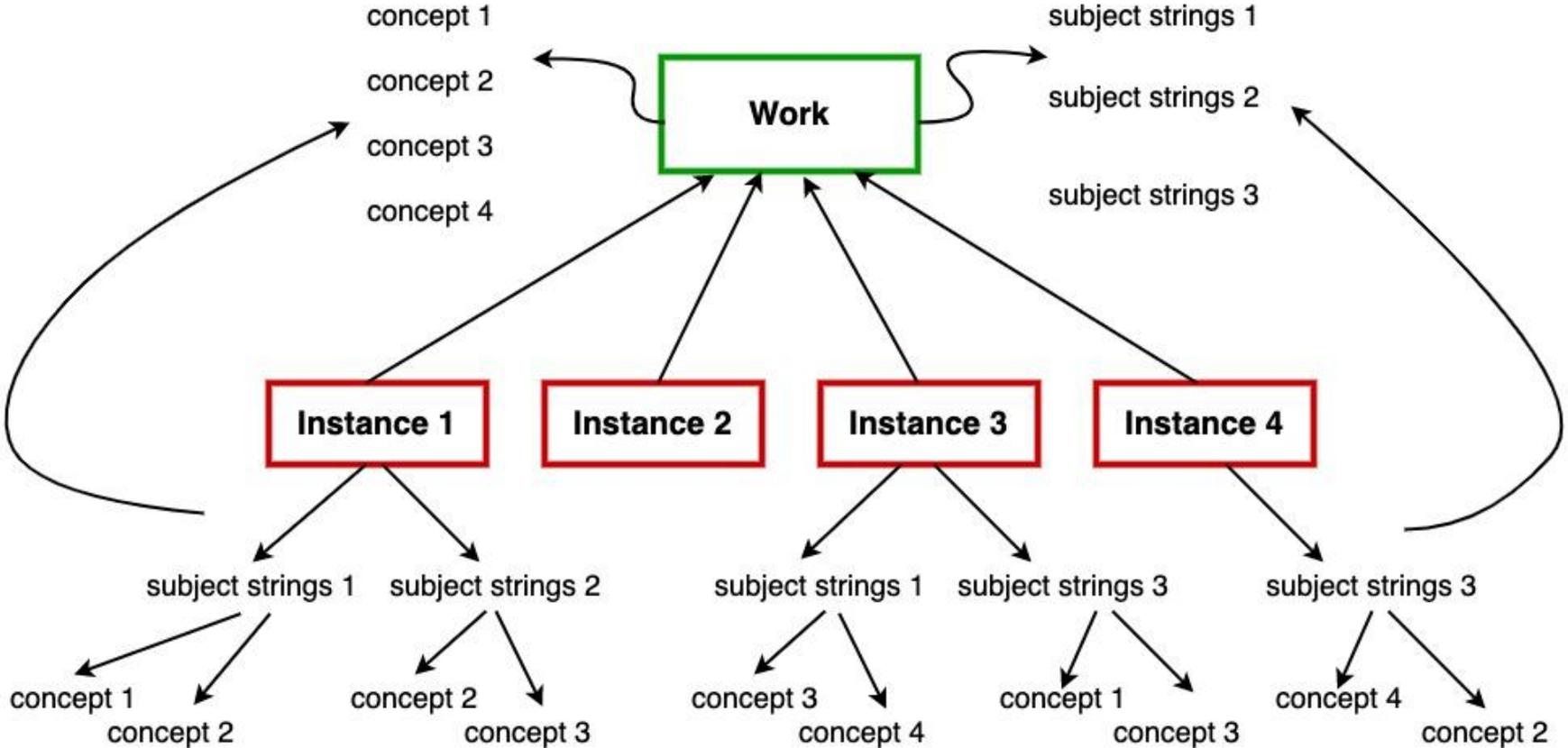
New York, N. L. Brown, 1922.

Book / Print

## New York University

<b>Title</b>	Abroad with Mark Twain and Eugene Field : tales they told to a fellow correspondent
<b>Author/Creator</b>	Henry W. Fischer (Henry William), 1856-1932. > Merle De Vore Johnson 1874-1935. >
<b>Subjects</b>	Twain, Mark, 1835-1910 -- Travel -- Europe > Field, Eugene, 1850-1895 -- Travel -- Europe > Authors, American -- 19th century -- Biography >
<b>Publisher</b>	New York : Nicholas L. Brown
<b>Language</b>	English
<b>Publication Date</b>	1922
<b>Description</b>	246 p. ; 21 cm.

# Data enrichment in an integrated environment



Publication

# Abroad with Mark Twain and Eugene Field : t...

## correspondent

Volume. Published in English in 1922 in New York and New York b

## Contributors

[Culture Class Collection \(University of Pennsylvania\)](#), [American Culture Class Collectio](#) and [Roy J. Friedman Mark Twain Collection \(Library of Congress\)](#)

Identifier: p26061656924945467

Notes: Edited by Merle Johnson.; Edited by Merle Johnson.; "Editor's note" signed: Me

Bibliographic level: Monograph, Monograph

Cataloging source: DLC, DLC

Descriptive cataloging form: AACR, AACR, Local

Dimension: 21 cm.

Encoding level: Full, Full, Full not examined

Extent: 246 p. ;

Record status: Corrected or revised, Corrected or revised

Responsibility statement: by Henry W. Fisher., by Henry W. Fisher.

System control number: 00271020, ocn739054015, (OCoLC)271020

Available at 4 libraries

More options

Copies of this publication

Related agents

Subjects

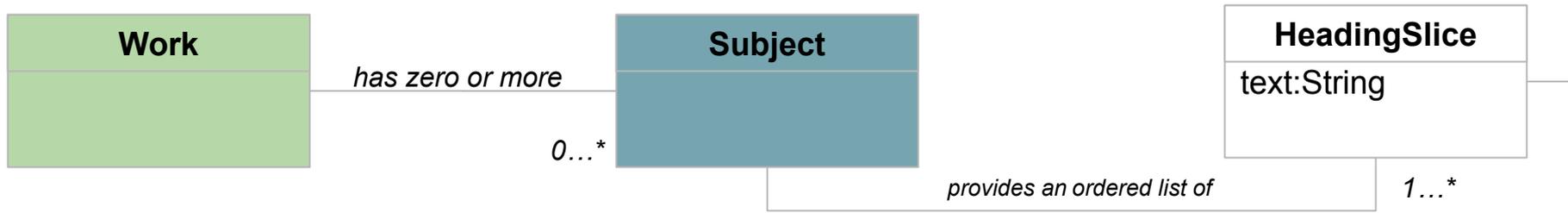
Copies of this publication

Related agents

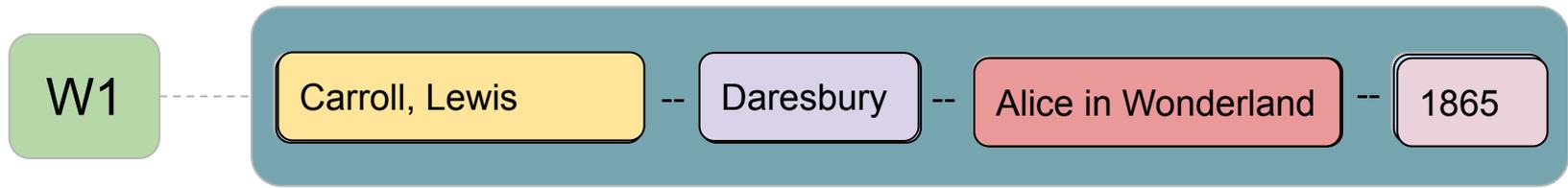
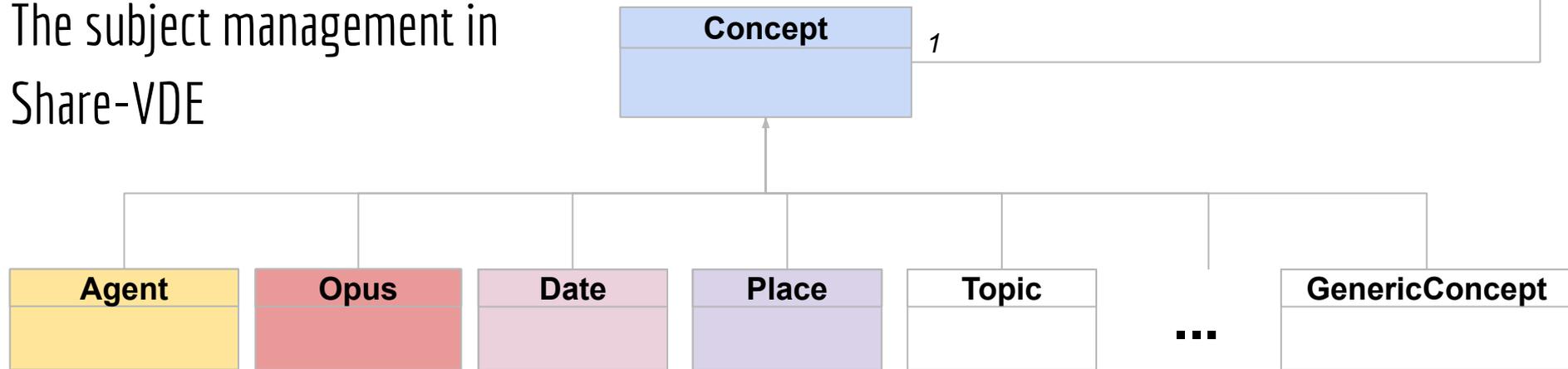
Subjects

12 results

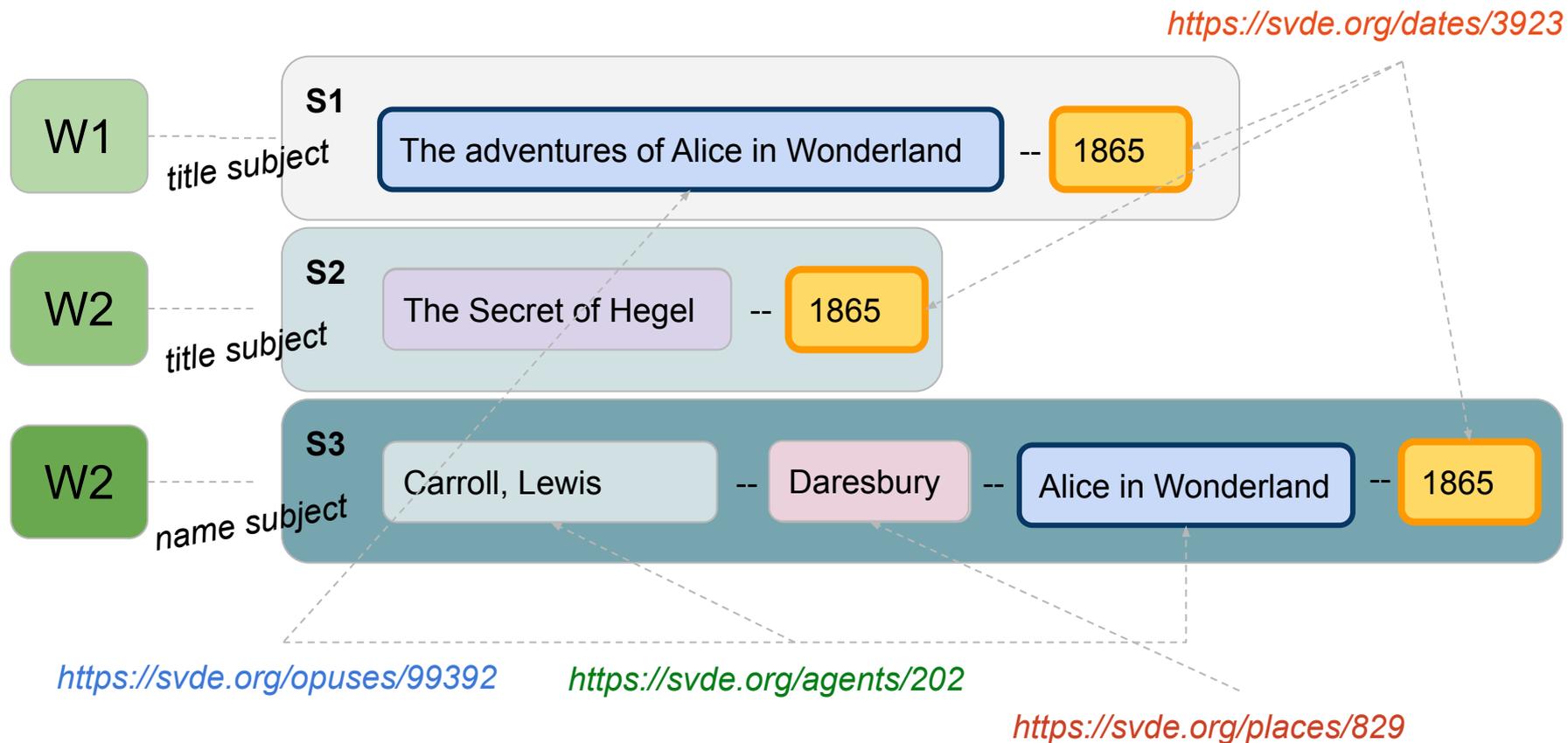
No.	Subject	Concepts	Subject provenance
1	<a href="#">PRO Bird, Mistell, Robert Nevins, family of (donor) (Culture Class Collection copy) (Topical subject)</a>		University of Pennsylvania
2	<a href="#">CHR 1922 (Topical subject)</a>		University of Pennsylvania
3	<a href="#">Authors, American &gt; Biography &gt; 19th century (Topical subject)</a>	Authors, American (Topic) Biography (Genre) 19th century (Date)	University of Pennsylvania
4	<a href="#">PRO Rascoe, Burton, 1892-1957 (inscription) (Culture Class Collection copy (AC9 F5237 922a)) (Topical subject)</a>		University of Pennsylvania
5	<a href="#">PRO Fischer, Henry W. (Henry William), 1856-1932 (autograph) (Culture Class Collection copy (AC9 F5237 922a)) (Topical subject)</a>		University of Pennsylvania
6	<a href="#">Authors, American &gt; Biography &gt; 19th century (Topical subject)</a>	Authors, American (Topic) Biography (Genre) 19th century (Date)	University of Alberta
7	<a href="#">Mark Twain (Person)</a>		University of Pennsylvania
8	<a href="#">Twain, Mark, 1835-1910 &gt; Travel &gt; Europe (Name subject)</a>	<a href="#">Mark Twain (Person)</a> Travel (Topic) Europe (Place)	University of Pennsylvania
9	<a href="#">Field, Eugene, 1850-1895 &gt; Travel &gt; Europe (Name subject)</a>	<a href="#">Eugene Field (Person)</a> Travel (Topic) Europe (Place)	University of Pennsylvania
10	<a href="#">Eugene Field (Person)</a>		University of Pennsylvania



The subject management in Share-VDE



# The subject management in Share-VDE - Examples



# The subject in Share: the string and the concept (something more than a term)

## Sistemi pre-coordinati

Carroll, Lewis -- Daresbury -- Alice in Wonderland -- 1865

<https://svde.org/subjects/897429874>

Riconciliabile con **LCSH** (e simili)

## Sistemi post-coordinati

Carroll, Lewis

<https://svde.org/agents/202>

Daresbury

<https://svde.org/places/829>

Alice in Wonderland

<https://svde.org/opuses/99392>

1865

<https://svde.org/dates/3923>

Riconciliabili con **FAST**, **Wikidata** (e simili)

# Subjects in Wikidata - The concept as a bridge to other sources



# The Share-VDE Cluster Knowledge Base - Numbers\*

17,997,199	Total number of <b>subject string</b> clusters (distinct)
6,428,599	Total number of <b>concepts</b> extracted from subject strings (distinct)

# Subjects Road Map - What has been done

	Data enrichment with subjects from other sources (libraries that did not originally have the subjects benefit from this enrichment)
	attribution of URI to each subject string
	extraction from each string of the "concepts" that constitute it, and attribution of URI to each concept
	attribution of multiple Provenances to the same concept
	Interlinking with external sources (LCSH, LCGFT e FAST)

# Subjects Road Map - What hasn't been done (yet).

✘	concept clustering: we do not enrich the concept with elements from different sources, so we do not have the concept of the cluster understood as an entity with (for example) equivalent labels in different languages
✘	interlinking between concepts (linking the concept to external sources such as Wikidata or FAST)
✘	machine learning processes

# Subjects Road Map - Work in progress

	expansion of resource search possibilities by extracting the relationships present in the subject strings or in the CKB
	concepts clustering using external sources, such as Wikidata
	more effective data presentation, including presentation of all Provenances that have contributed to a concept

Place

# Selma, Alabama (USA)

## City in and county seat of Dallas County, Alabama, United States

“Selma is a city in and the county seat of Dallas County, in the Black Belt region of south central Alabama and extending to the west. Located on the banks of the Alabama River, the city has a population of 17,971 as of the 2020 census. About 80% of the population is African-American.” — [Wikipedia](#)

[Wikimedia](#)

Options ▾

Original works about this place

**Events that took place here**

Related people and organizations

Publications published in

Filter... Q

Year

Creator

Genre

Sort by: Title A-Z ▾

47 results

No.	Image	Concept	Type	Description	Location
1		<b>Selma to Montgomery marches</b>	Demonstration	1965 march for African-American citizens to exercise their constitutional right to vote	Selma, Alabama (USA)
2		<b>Battle of Selma</b>	Battle	Battle of the American Civil War	Selma, Alabama (USA)

End of list

Person

# Martin Luther King Jr.

American civil-rights activist and leader (1929–1968). Born in Atlanta (Ga.). Died in Memphis (Tenn.).

"Martin Luther King Jr. was an American Baptist minister and activist, one of the most prominent leaders in the civil rights movement from 1955 until his assassination in 1968. An African American church leader and the son of early civil rights activist and minister Martin Luther King Sr., King advanced civil rights for people of color in the United States..." — [Wikipedia](#)

Options ▾

[Wikimedia](#)

Original works by
  Publications by
  Original works about
  **Related topics and events**

Sort by: Title A-Z ▾

47 results

No.	Image	Concept	Type	Description	Location
1		<b>COINTELPRO</b>	Government program	Series of covert, and often illegal, projects conducted by the U.S. FBI	
2		<b>Assassination of Martin Luther King Jr.</b>	Political murder	1968 murder of Martin Luther King Jr.	<b>Memphis, Texas (USA)</b>
3		<b>Martin Luther King Jr. Day</b>	Topic	United States federal holiday	<b>USA</b>
4		<b>Funeral of Martin Luther King, Jr.</b>	Topic	Funeral following the assassination of Martin Luther King Jr.	
5		<b>I've Been to the Mountaintop</b>	Speech	Popular name of the last speech delivered by Martin Luther King, Jr.	
6		<b>I Have a Dream</b>	Speech	1963 speech delivered by Martin Luther King Jr.	
7		<b>Speech on the Assassination of Martin Luther King</b>	Speech	"Ladies and Gentlemen, I'm only going to talk to you just for a minute or so this evening..."	
6		<b>Civil rights</b>	Topic		
7		<b>African Americans</b>	Topic		

[Show more](#)

Topic

# Civil rights movement

## 1954–1968 U.S. social movement against institutional racism

"The civil rights movement was a political movement and campaign from 1954 to 1968 in the United States to abolish institutional racial segregation, discrimination, and disenfranchisement throughout the United States. The movement had its origins in the Reconstruction era during the late 19th century, although it made its largest legislative gains..." — [Wikipedia](#)



Wikimedia

Options ▾

Works about this
  Topics and events related to this
  Related people and organizations

Filter...      Sort by: Title A-Z ▾

341 results

No.	Title	Genre	Creators
1	<a href="#">Seventh-Day Adventists and the civil rights movement</a>		<a href="#">Samuel G. London</a> (author)
2	<a href="#">Race in the American South</a>		<a href="#">Clive Webb</a> (other) <a href="#">David Brown</a> (other)
3	<a href="#">American experience. Freedom riders. Interview with Jerry Ivor Moore. 3 of 4</a>	Video recordings	<a href="#">Jerry Ivor Moore</a> (interviewee) <a href="#">Laurens Grant</a> (producer) <a href="#">Stanley Nelson</a> (director) <a href="#">Stanley Nelson</a> (director) <a href="#">WGBH</a> (Television station : Boston, Mass.) (production company) <a href="#">Alexander Street Press</a> (other)
4	<a href="#">SNCC 50th Anniversary Conference. Plenary. Volume 26</a>	Video recordings/ Videorecording	<a href="#">Ascension Productions</a> (other) <a href="#">Dorie Ladner</a> (other) <a href="#">SNCC Legacy Project</a> (other) <a href="#">Natalie Bullock Brown</a> (other) <a href="#">Joseph Brandon Johnson</a> (other) <a href="#">Student Nonviolent Coordinating Committee...</a> (author) <a href="#">Joyce A. Ladner</a> (other) <a href="#">California Newsreel (Firm)</a> (other) <a href="#">Alexander Street Press</a> (other)
5	<a href="#">Black power</a>		<a href="#">20th Century Reformation Hour</a> (issuing body) <a href="#">Carl McIntire</a> (author)
6	<a href="#">Resisting Brown</a>		<a href="#">Candace Epps-Robertson</a> (author)

Topic

# Civil rights movement

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Wikimedia

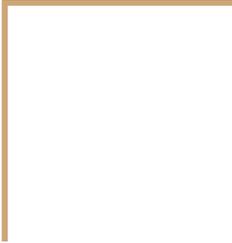
Options ▾

Works about this
  Topics and events related to this
  Related people and organizations

Filter...     Sort by: Title A-Z ▾

47 results

No.	Image	Concept	Type	Description	Location
1		<a href="#">Selma to Montgomery marches</a>	Demonstration	1965 march for African-American citizens to exercise their constitutional right to vote	<a href="#">Selma, Alabama (USA)</a> <a href="#">Montgomery, Alabama (USA)</a>
2		<a href="#">I Have a Dream</a>	Speech	1963 speech delivered by Martin Luther King Jr.	<a href="#">Lincoln Memorial, Washington, D.C. (USA)</a>
3		<a href="#">Ole Miss riot of 1962</a>	Riot	Dispute over integration at University of Mississippi	<a href="#">Oxford, Mississippi (USA)</a>
4		<a href="#">Civil rights movement in South Carolina</a>	Social movement	1950–1970 social movement in South Carolina, United States	<a href="#">South Carolina (USA)</a>
5		<a href="#">Civil rights movement in Omaha, Nebraska</a>	Demonstration	1965 march for African-American citizens to exercise their constitutional right to vote	
6		<a href="#">Council of Federated Organizations</a>	Coalition	Coalition of advocacy groups in the Civil Rights Movement	
7		<a href="#">Freedom Summer</a>	Political campaign	1964 volunteer campaign in the Mississippi	
8		<a href="#">Chicago Freedom Movement</a>	Topic	Movement led by Reverend Martin Luther King, Jr., James Bevel and Al Raby	<a href="#">Chicago, Illinois (USA)</a>



Grazie

Tiziana Possemato

[tiziana.possemato@atcult.it](mailto:tiziana.possemato@atcult.it)

[tiziana.possemato@casalini.it](mailto:tiziana.possemato@casalini.it)

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