Consolidate Identities at universal scale

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Workshop:
Fonds & Bonds: Archival Metadata, Tools, and Identity Management
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Public identities of parties

individuals or organizations

that create, produce, manage, distribute or feature in creative contents including writers, artists, creators, performers, researchers, producers, publishers, aggregators, and more

e.g.: ISNI 0000 0001 2133 4104

- Universal scope
- Unique, Persistent
- Public, Expressed as HTTP URI, e.g.: http://isni.org/isni/0000000121334104
- Centrally managed / Widely diffused

www.isni.org
ISNI from project to fully operational

4 years ago

**ISNI International Agency**

Founding members represented by

- CENL
- OCLC

Other members: ProQuest, CISAC, IFRRO, SCAPR

3 years ago

ISNI public database LIVE [www.isni.org](http://www.isni.org) (with 1 million identities)

1 year ago

6 million ISNIs assigned

Now

8 + million ISNIs Assigned and diffused in datasets
Bridging layers of identifiers

**International**
- Standard
- Global
- Cross-domain

- **International IDs**
  - specific communities or users
  - IDs operating at regional or consortium level

- **Local IDs**
  - (each institution system - its own local ID)

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**Research institutions**

- **ORCID** ( Researchers )
- **SNAC** (ARU ID) (Archives)
- **APEx** (Archives)
- **NACO** (LC + cooperative)
- **DAI** (Netherlands)
- **GND** (Germany DNB + cooperative)
- **IdRef** (French universities cooperative)
- **VIAF ID** libraries +
- **BnF** (ARK ID (authority files))

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**Archives**

- **DAI** (Netherlands)
- **NACO** (LC + cooperative)
- **GND** (Germany DNB + cooperative)
- **IdRef** (French universities cooperative)

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**NACO member libraries**

- **French public libraries +

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**French public libraries**

- **French libraries +

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**French libraries**

- **Universities libraries +

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**Publishers**

- **Rights (text)

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**Rights (performers)**

- **IPD** (International)
- **IPI** (International CISAC authors/composers)

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**Dutch institutions**

- **ARK ID** (authority files)
A hub of links
≈16 million cross-links among data sources

Linking through local IDs
Clickable whenever available as URIs

Link through an international “community” ID
Consolidate identities, bridge domains

Library data not covered by authority files

Archives (soon)

8+ million
Assigned

- No Sparse
- No Undifferentiated

~ 10.3 Million
Unassigned possible matches and provisional

Cross-domain

Data policy control & curation

Quality Team

ISNI Assignment Agency

Cross-domain

Encyclopedic

Trade

Performers rights

Text rights

Music rights

Professional societies

Research

Library data not covered by authority files

Archives (soon)
Control infrastructure

Database management
- Algorithms:
  - match,
  - merge,
  - split,
  - sampling,
  - anomaly checks,
  - reprocess,
  - ...
  - Notifications

Data contributors (Registration Agencies Members)

Assignment Agency

Quality Team

Data policy

Data control & curation

Human experts
- sample, analyse,
- system recommendations,
- data policy recommendations,
- correct,
- merge, split, enrich,
- response to end users,
- emails to sources for error corrections

Please help us improve this record
If you have any supplemental information about the identity noted here, please click in this box to go to the contribution form.
Thank you in advance!
Data policy  
Example  

Identity issues  
2 Public Identities ➞ 1 VIAF cluster

Le Carré, John (pseudonym)  
Cornwell, David John Moore (real name)

Identity issues
1 person, 2 Public Identities → 2 separate ISNIs

Le Carré, John (pseudonym)
ISNI: 0000 0001 2284 048X
Name: Carré, John le
Le Carré, J.
Le Carré, John
Le Carré, John (pseud)
Le Карре, Джон
Related identities: Cornwell, David J. (other identity, same person)
Sources: VIAF, BIBSYS, BNE, BNF, DNB, LAC, LC, NKC, NLA, NLCC, NLvat, NUKAT, PTBNP, RERO, SELIBR, SUDOC, SWNL, VLTACC, ALCS, BLSA, BOWKER, CEDA, CEDAR, MUBZ, ZETO
Dates: 1931-
Location / Nationality: United Kingdom

Cornwell, David John Moore (real name)
ISNI: 0000 0003 6865 2534
Name: Cornwell, David
Name variant: Cornwell, David
Cornwell, David J.
Cornwell, David John Moore
Cornwell, David John Moore (Wirklicher Name)
Moore Cornwell, David John
Related identities: Le Carré, John (pseud; other identity, same person)
Notes: ISNI
Sources: ISNI
Dates: 1931-

Algorithmic processing

Example

From clustering to ISNI assignment

Search: Bethmann-Hollweg, Moritz
Dear Sir / Madam,

The ISNI 0000000117488848 refers to "Marco Antonio Casanova", Professor at the Catholic University of Rio de Janeiro.

I am not the author of "Fragmentos póstumos. - Nietzsche uma introdução filosófica" or "Segunda consideração intempestiva da utilidade e desvantagem da história para a vida".

The author of these works is "Marco Antonio dos Santos Casa Nova".

You may confirm this information by consulting our CVs at the Brazilian Research Council:

- Marco Antonio Casanova (me):
  [http://lattes.cnpq.br/0400232298849115](http://lattes.cnpq.br/0400232298849115)
- Marco Antonio dos Santos Casa Nova

- (the other author):
  [http://lattes.cnpq.br/3409704326617178](http://lattes.cnpq.br/3409704326617178)
Thank you for using the ISNI database and suggesting improvements to your record. There is now another ISNI record for Marco Antonio dos Santos Casa Nova (ISNI 0000 0004 3077 6045).

I have corrected your record, removed the erroneous titles and added a link to your online CV (Lattes database).

If you have any further queries, please let me know.

I am part of the ISNI Quality Team (experts from the British Library and Bibliothèque nationale de France in charge of the quality of the ISNI database). We perform manual checking and corrections in the ISNI database such as splits, merges/deduplications and data corrections.

ISNI Quality team received a request from an enduser about ISNI records 0000 0001 1748 8848 and 0000 0004 3077 6045, VIAF 19998588 and their related Authority record XXX 109895029 mixes 2 identities (see the snapshot below):

1/ Marco Antonio Casanova (ISNI 0000 0001 1748 8848)
2/ Nova, Marco Antonio dos Santos Casa (ISNI 0000 0004 3077 6045)

Philosoph, and author of "Segunda consideração intempestiva da utilidade e desvantagem da história para a vida"

I hope this information will be useful.
Archives soon in ISNI
French archives use case

Motivation for a global ID:
- To interconnect to other archival and cultural heritage resources
- For transactions with stakeholders in electronic archiving
- To control at global scale the identification of their own CPF
  - (a specialized domain of expertise)

CPF Authority File

future
French Archival portal

territorial and other archival services

coordinated by

Archives de France
SIAF

ARCHIVES NATIONALES
Fontainebleau - Paris - Pierrefitte-sur-Seine

ARCHIVES PORTAL EUROPE

ARCHIVES

isni

are becoming direct ISNI Member

to coordinate participation of French archival services
website www.isni.org
(with public access to the database)
Search Now
Contact info@isni.org

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