

{ BnF



ISNI and libraries

An overview on some questions

BnF use cases

BL use cases

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ISNI Summit for libraries – 26 & 27th June 2019

To what extent ISNI and libraries can fall in love?

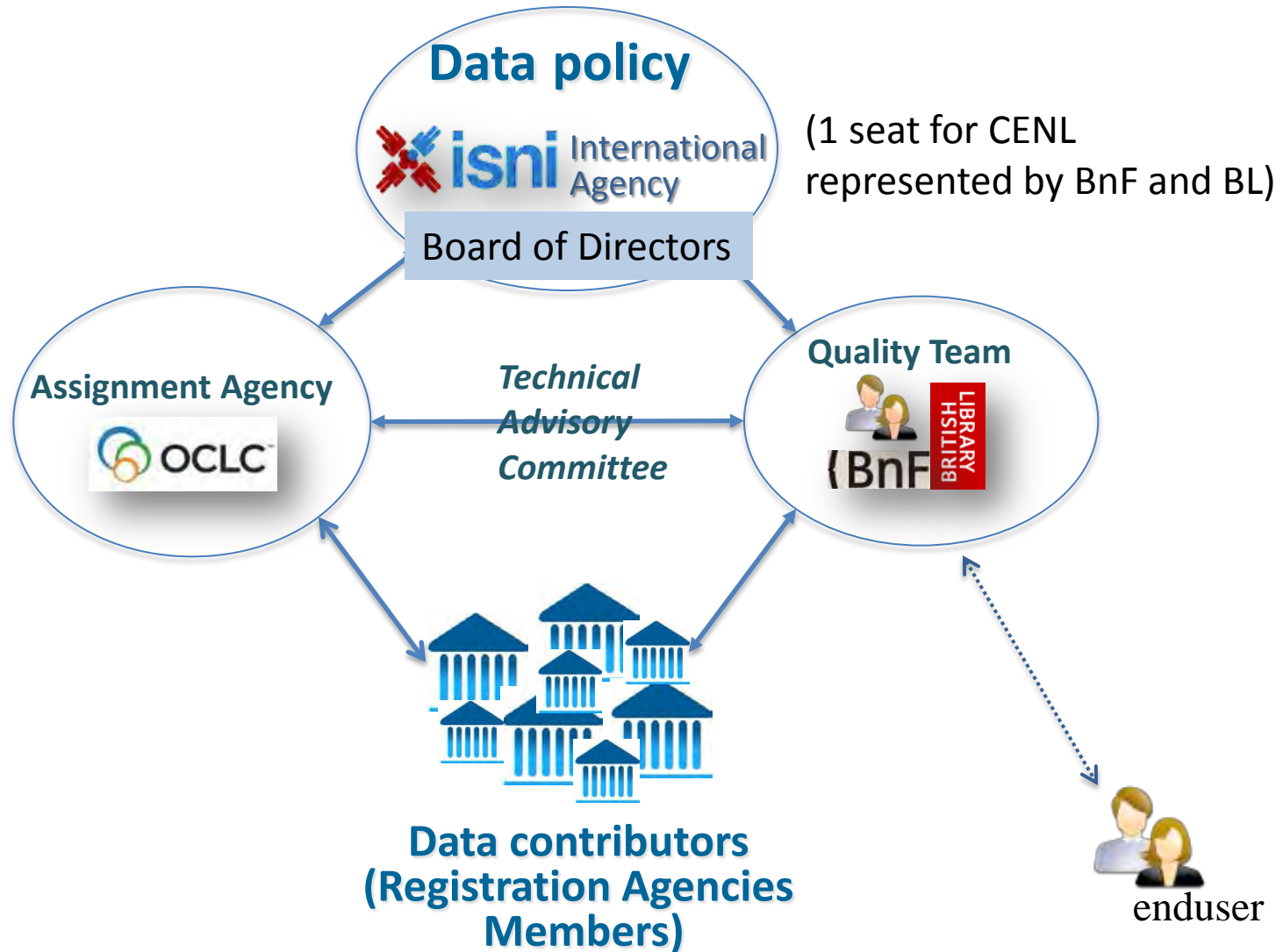
- **1/ Love standards**
 - ISNI is an ISO standard
 - ISNI is a way to implement RDA (pseudonyms, public identities)
- **2/ And have also experience of difficulties to implement them**
- **3/ Have experience of international cooperation**
 - UBC, IFLA, VIAF council...
- **4/ Are developing projects on / are interested in**
 - Linked Data
 - Open Data
 - Cooperation with publishers, cultural industry

Libraries are key-actors for ISNI

- **Registration agencies** (10 out of 23)
 - [Biblioteca Nacional de España \(BNE\)](#)
 - [Bibliothèque et Archives nationales du Québec \(BAnQ\)](#)
 - [Bibliothèque nationale de France \(BnF\)](#)
 - [Bibliothèque nationale de Luxembourg](#)
 - [British Library](#)
 - [Koninklijke Bibliotheek](#)
 - [National Assembly Library of Korea](#)
 - [National Library of Korea](#)
 - [National Library of Poland](#)
 - [Program for Cooperative Cataloging \(PCC\)](#)
- **Members** (10 out of 21)
 - [ABES \(French Bibliographic Agency for Higher Education\)](#)
 - [ISSN International Centre](#)
 - [Library of Congress](#)
 - [MacOdrum Library](#)
 - [Carleton University](#)
 - [National Library of Finland](#)
 - [National Library of New Zealand](#)
 - [National Library of Norway](#)
 - [National Library of Sweden \(Kungliga Biblioteket\)](#)
 - [UNSW Library](#)

Libraries represent almost half of the whole ISNI membership

ISNI control infrastructure and libraries



ISNI AND VIAF

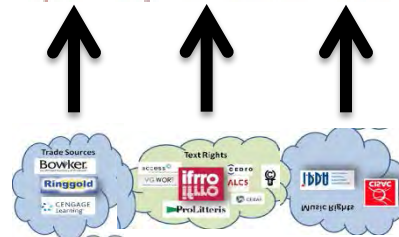


52 libraries and library networks

VIAF clusters are the historical basis of the ISNI database and of the first assignments of ISNI



<http://www.isni.org/>



Other data providers

ISNI and VIAF

- ISNI and VIAF Interoperability Working Group (2017-2018)
 - **Both VIAF and ISNI** : are useful for disambiguation in linked data projects and in interlinking of other identifiers
 - the VIAF function is seen as **complementary** to ISNI
- => ISNI : for an international, cross-domain identifier and for sharing data with other communities beyond libraries*
- => VIAF : a joint database of authority data for dissemination*

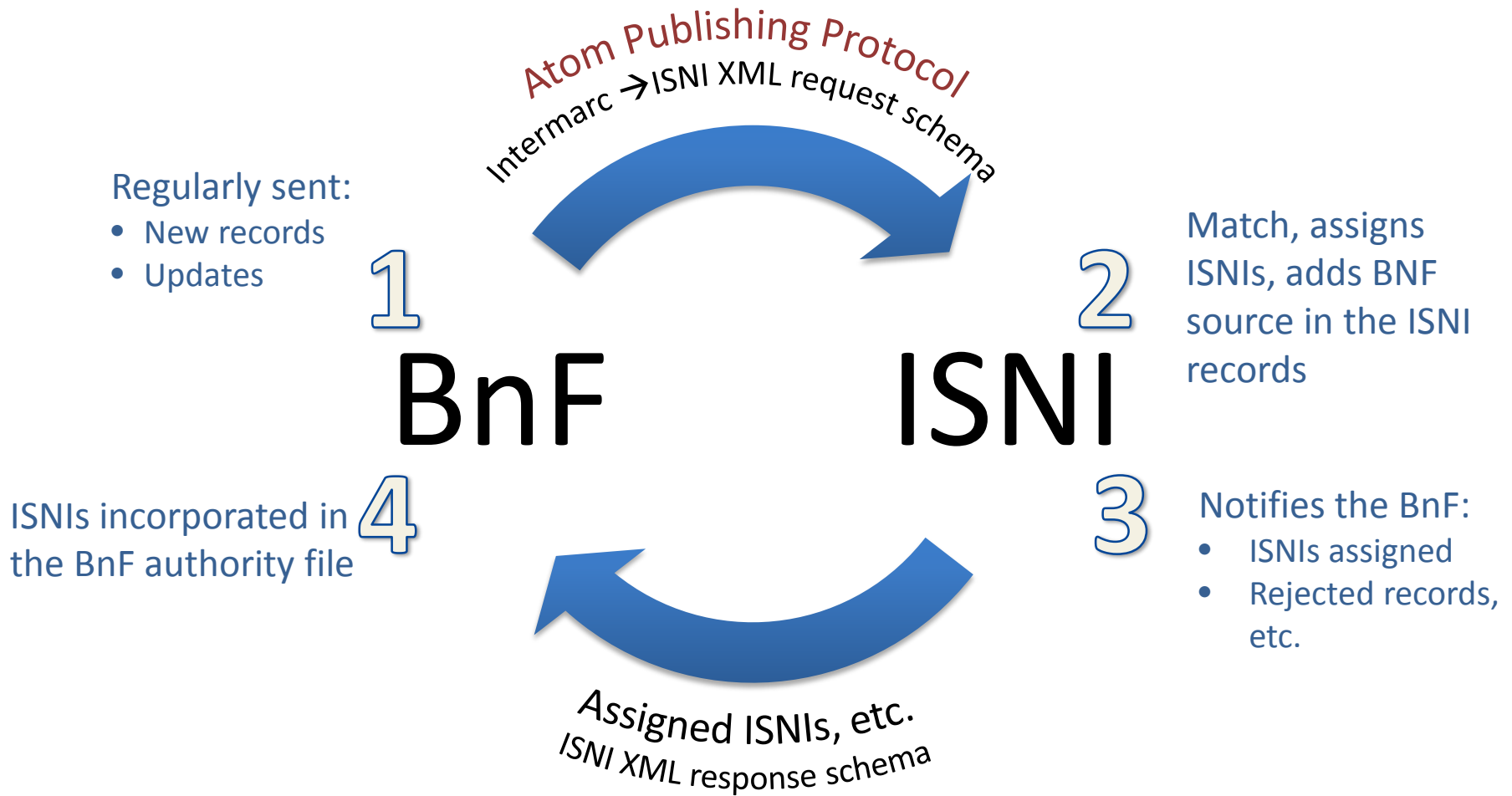
Some questions

- **VIAF data are frozen in ISNI**
 - Problem of freshness for the whole ISNI database

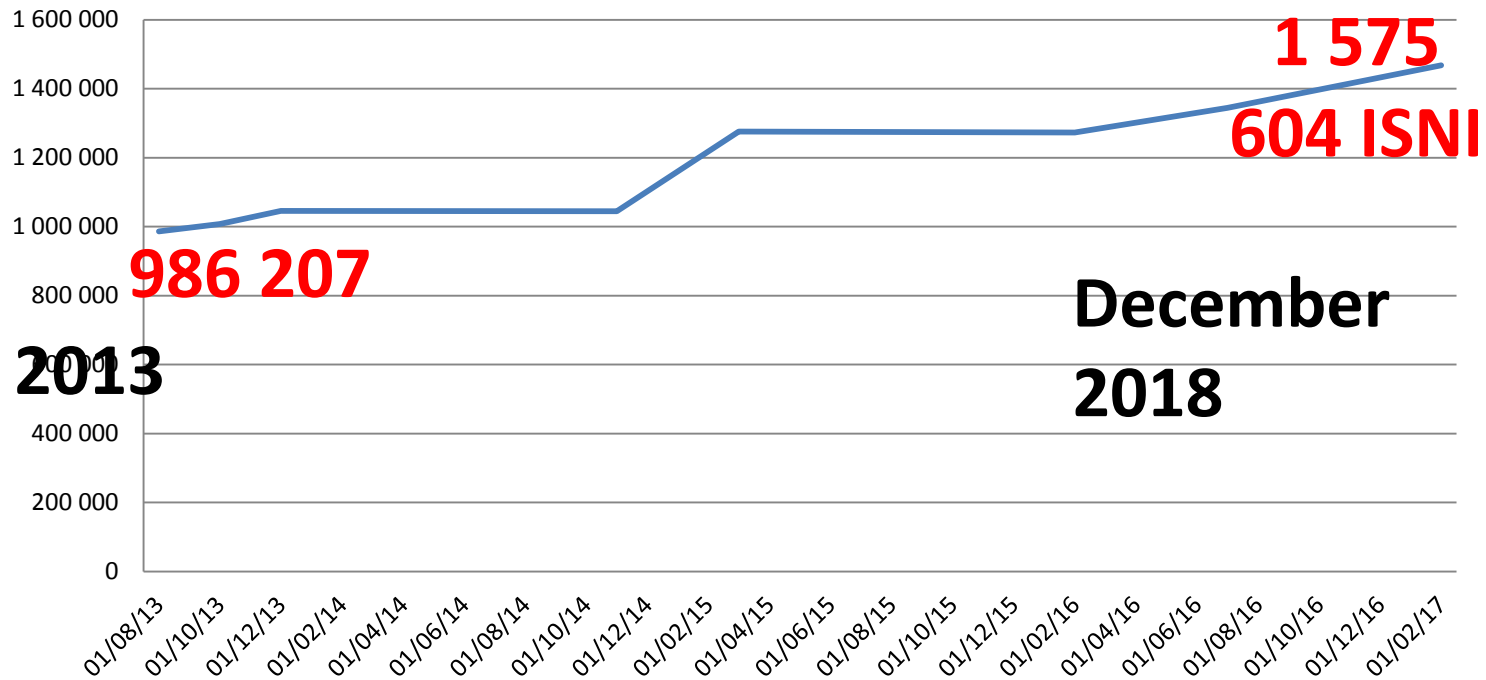
- **De facto : current ISNI members and RAG work for ISNI assigning for all**
 - Business issue
 - Expertise sharing issue
 - => A possible solution : encouraging each VIAF member to become an ISNI member



BnF Registration Agency use case



ISNI in the BnF authority file (31/12/ 2018)



⇒ 82 % of persons et 20 % of organisations have an ISNI

Automatic process in ISNI Request



Step 1

Legal deposit declaration in ONIX



Step 4

Request for ISNI / Uploading of Assigned ISNI into the BnF catalog

How to improve the data flow?
Original titles

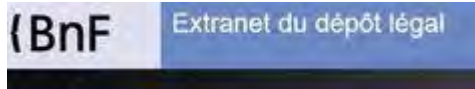
AtomPub protocol



(BnF) **Catalogue général**

Step 3

Automatic Merge of the request:
with the corresponding authority record :
- After cataloguing of the book
- thanks to dates or EANs of previous titles



Step 2

Creation of request forms for contributors without ISNI in the ONIX flow



Step 5

Sending ISNIs to publishers via the Legal Deposit Extranet



ISNI Demande

Key data to identify a contributor

Données de gestion de la demande ISNI

ID Demande: 28191
 Expéditeur: Interforum
 Statut:
 Demandé le: 07/06/2019
 ID Expéditeur: 2
 ID Expéditeur: 2
 Terminé le:
 Priorité:

Commentaires

NNA

ISNI

Annuller la demande

Données catalogue

Notice d'autorité

Notices complètes SANS dates 1

Nom	Prenom	Date	Qualificatif	NNA	ISNI
Sodoyez	Colette				<u>15880158</u>

Notices élémentaires 0

Checking authority file through SRU protocol

Données auteur

Auteur: Colette, Sodoyez
 Pseudo:
 Fonction: E07
 Date de naissance:
 Langue source:
 EAN du même auteur:

Nationalité:
 Rang Flux: 2

Date de mort:

Langue cible:

ID Local: 140977

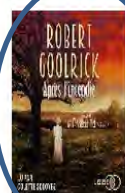
Site web

Note biographique

Robert Goolrick vit dans une petite ville Virginie avec ses deux chiens Preacher et Judge. Il est l'auteur d' Une femme simple et honnête, Féroces, Arrive un vagabond (Grand Prix des lectrices de Elle 2013) et La Chute des princes (Prix Fitzgerald 2015).

**Local ID (from publishers)
 => Processing of requests
 before legal deposit
 registration**

Données bibliographiques



Titre principal: Après l'incendie
 Sous-titre:
 Langue:
 Titre original:
 Langue originale:
 Date de publication: 13/09/2018
 EAN: 9791036600807

**Title page :
 Compare to the name
 string found in ONIX flow**

Résumé

" On a rarement lu plus beau et plus déchirant. " Olivia de Lamberterie. Elle Diane Cooke, descendante d'une grande lignée, habite Saratoga, une magnifique propriété de Virginie qui fait la fierté de la famille. Mais cette maison, comme son nom, est l'estée par deux dettes abyssales. La première est financière, et le seul moyen de s'en acquitter est au prix d'un mariage. La seconde est plus profonde : le prestige des Cooke est bâti sur le plus sombre péché du Sud, l'esclavage. Et cette dette-là ne se rembourse que par une malédiction. La voici peut-être qui s'avance sous la forme du

EAN du même auteur

- [9782264068279](#)
- [9782264068286](#)
- [9782264065858](#)
- [9782264071859](#)
- [9782264068262](#)
- [9782375540299](#)
- [9782264068293](#)
- [9782375540282](#)

**EAN of former titles by the
 same contributor
 => Processing of requests
 before legal deposit
 registration**

ISNI Publisher Interest Group in the UK

Bibliographic Data Services

BIC

British Library

Cambridge University Press

EDItEUR

Hachette UK

Harper Collins

ISNI International Agency

Nielsen

Penguin/Random House

Publisher Licensing Services

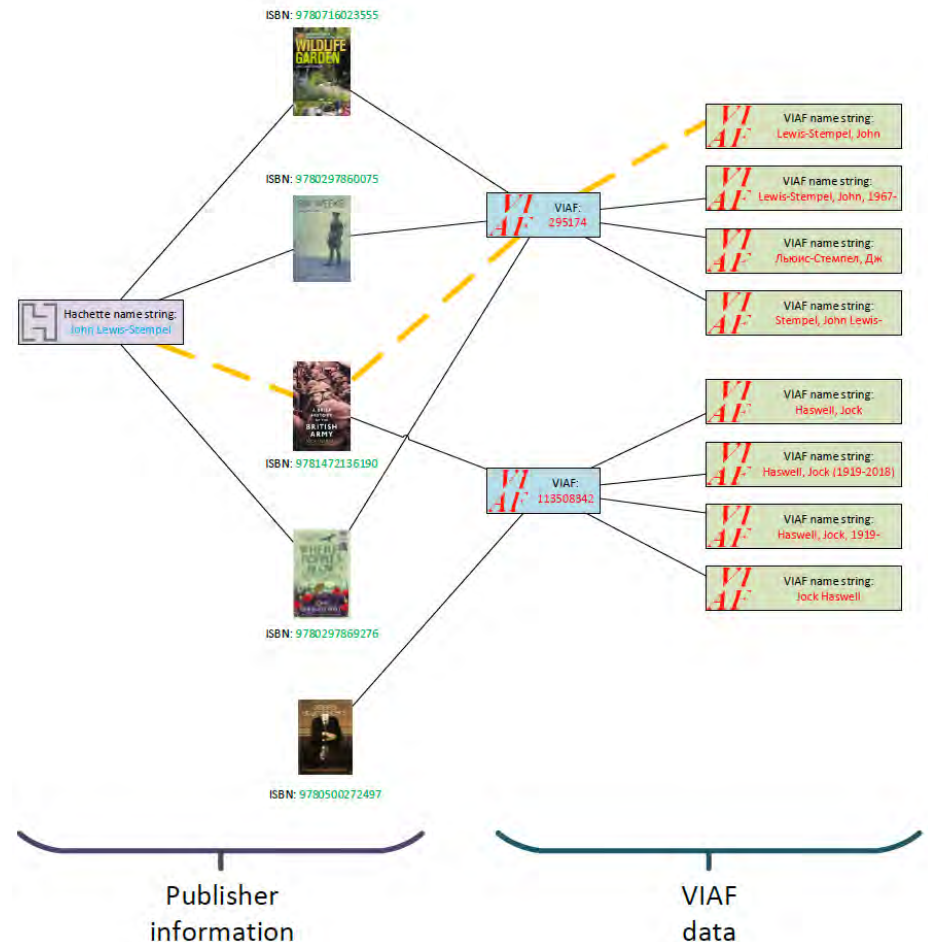
Publisher Product & ISNI Matching

Progress to date:

- **Developed two workflow options to match product ISBNs to BL records & return ISNIs for associated identities**
- **Developed prototype workflows to match publisher IDs to ISNIs via VIAF**
- **Applied prototype workflow to samples from Hachette, Penguin, Random House & HarperCollins**

Graph Matching

- Yellow line indicates a potential link between similar name strings with a common ISBN
- The name string can then be linked to a VIAF record
- The VIAF record can then be cross referenced to the appropriate ISNI identifier



Publisher Product & ISNI Matching

Results so far:

- Started with match based on product to product match in files submitted only
- Evolved to match against VIAF directly
- Match only made when we have high confidence
- Results vary significantly as we improve the match process

Publisher ID	No. of Matches		
	No. of Names	ISNI	%
Hachette	8159	3609	44%
HarperCollins	10122	4280	43%
Penguin	1323	147	15%
Random House	1967	192	13%

Work with Bibliographic Data Services

Progress to date:

- Agreed to develop workflows for inclusion of ISNIs in CIP for late 2019
- BDS examining ISNI membership options
- BL supplied BDS with a reconciliation file 4.2 million ISNIs & NACO equivalents
- BDS incorporating ISNIs in their in-house product dataset & CIP workflows

NACO ID	ISNI
n 00000001	000000023128374
n 00000021	0000000124542232
n 00000022	0000000383028289
n 00000024	0000000385160531
n 00000029	0000000119654467
n 00000030	0000000017786135
n 00000033	0000000110635788
n 00000038	0000000023128382
n 00000040	0000000122053099
n 00000041	0000000019415995
n 00000042	0000000018583735
n 00000043	0000000072586734
n 00000048	0000000067073424
n 00000050	0000000109478076
n 00000053	0000000022240399
n 00000054	0000000080978375
n 00000058	0000000081001697
n 00000061	0000000072546644
n 00000062	0000000028369708
n 00000067	0000000117728493
n 00000068	0000000022851595
n 00000069	0000000022867239
n 00000071	0000000028626364
n 00000076	0000000029643852
n 00000077	0000000116049966

Publisher ID to ISNI: Next Steps

- **Increase match options via inclusion of full BNB & LC datasets & supply results**
- **Finalise ISNI CIP workflows with BDS for late 2019 go live**
- **Look at options for supply of ISNI to aggregators interested in BL data for eBooks**