

ISNI System Developments: a perspective from the Quality Team

Emma Rogoz

Identifier Development & Operations Manager

The British Library



ISNI is growing

- **More Data**
- **More Sources**
- **More Members**
- **More demand**
 - **Services**
 - **Functionality**
 - **Assignment Policy Developments**
 - **Efficiency**
- **Prioritisation is an issue!**



Major data load projects

YouTube

2 year project

Database enrichment from MusicBrainz

Test loads – QT review/signoff – Production

Identifying musical groups, pseudonyms vs real names

Major data load projects

Sound Exchange

Test loading now

Database enrichment – ISRCs

Richer than library metadata!

Services: Linked Data

Linked Data specifications in RDF

Collaboration between BL-BnF-PCC Task Groups

LOD via API – working with LD4P project with PCC

Canonical URI: (https: coming soon!)

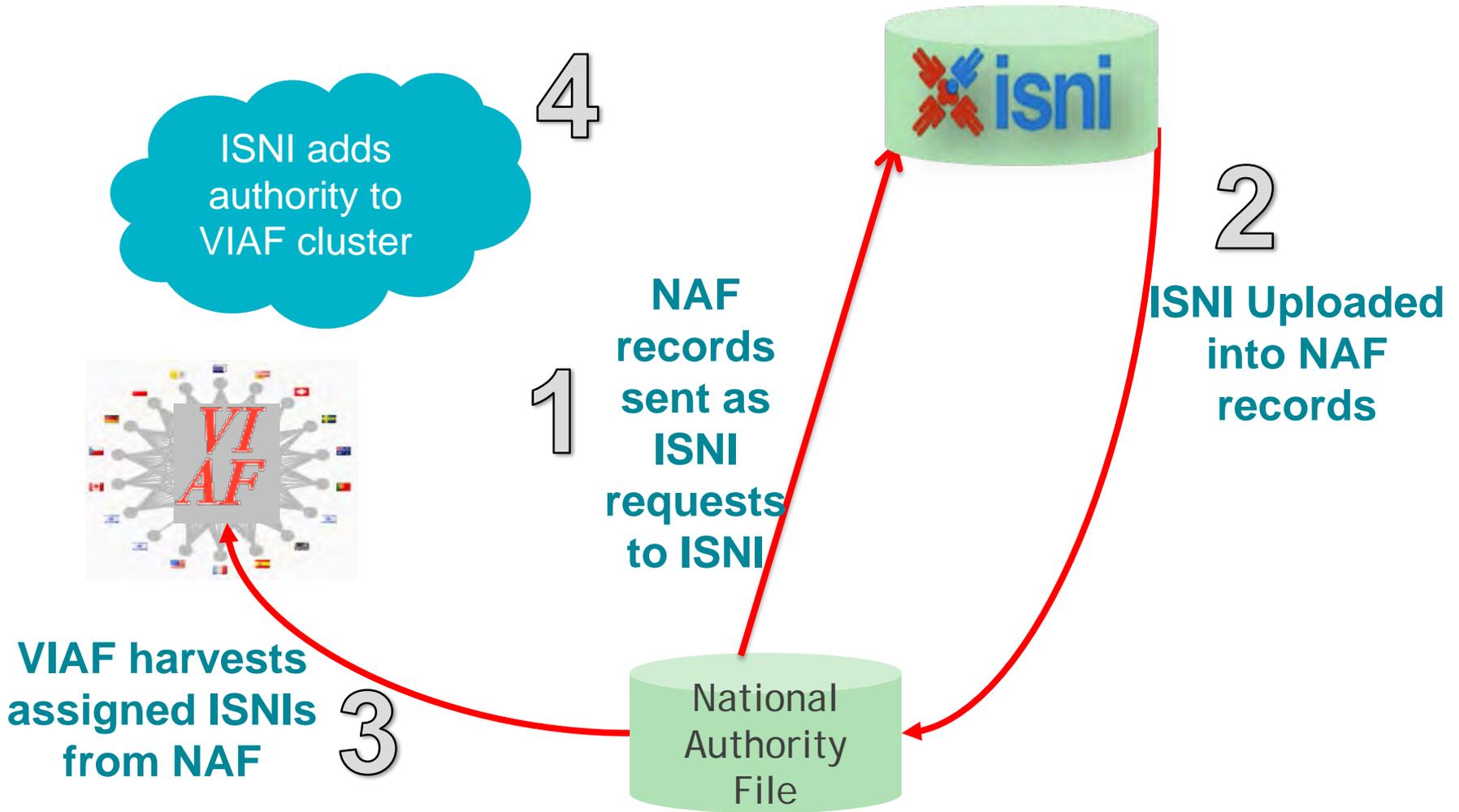
Data dumps: cache services

Hosting

Services: Local Database Cache

- **A standardised service output of Assigned ISNI database extract to support local cache functionality**

ISNI to VIAF workflow



ISNI database proposed improvements

- **10.5 million assigned ISNIs**
- **11.4 million provisional ISNIs**
- **1 million flagged links to possible duplicates**
- **OCLC proposed DDR project**
 - **DDR = Duplicate Detection and Resolution**
 - **QT support to test & QA approach**

VIAF in ISNI proposed improvements

- Compression function for VIAF display
 - 028C \$\$S1#\$\$dPaolo\$aGiordano\$h1982-\$3public\$2VIAF\$4NKC\$0xx0103475\$\$4NLA\$0000052430475\$4BNC\$0a1060442x\$4BNE\$0XX4776864
 - 4 identical names/titles/etc. “compressed” into 1
 - Introduced new \$4 code for sub-source
- More efficient screen display of large records
- Field Edit function
 - Expands by source code belonging to member login to allow editing

ISNI functionality - proposed improvements

- Unique status assignment
 - Unique source assignment code entered by cataloguer
 - Unique status registered by Member or RAG
 - Gives cataloguer authority to assign status



ISNI functionality - proposed improvements

- Edit record functionality
 - Atom Pub API only handles full records through matching algorithms
 - Configure an API for editing only

ISNI functionality – assignment rules

- QT proposed improvement for
 - Persons
 - Organisations
- More flexibility on scoring richness and uniqueness to increase assignment levels
- Based on experience with evaluation of new data sources
 - E.g. MusicBrainz, National Libraries

ISNI efficiency

- MARC-ISNI Request schema round-trip conversion tools
 - PCC has produced MARC21 authorities mapping
 - BL to develop XSLT conversion tool

Prioritisation is an issue

- Strategic priority
 - Set by ISNI-IA Board
 - Advice from OCLC and Quality Team
- Technical priority
 - OCLC
 - Quality Team
 - Technical Advisory Board
 - Transparency
 - Consultation/Engagement/Representation

Questions?