ARROW

An advanced tool to search and manage rights information

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ARROW: how it works

- ARROW project: ARROW and ARROW+ (AIE, FEP, IFFRO, TEL, BnF, DNB...)
- ARROW system www.arrow-net.eu: one system, many national workflows
- Each workflow connects to many databases
  TEL – VIAF – BiP – RRO

- Input:
  - MARC XML containing up to 100 records
  - Purpose of the query (Permission set)

- Output:
  - Permission is granted or not (copyright status, publishing status, orphan status)
Matching: query in TEL central index for the most appropriate record to the uploaded record

Clustering:
- TEL central index: all records with same work metadata as in the chosen record => Work is found
- query in VIAF database for author date

ARROW Assertion: Copyright Status of the Work
- **Clustering**: to find in BiP domain
  - Manifestations which match with a manifestation in TEL cluster
  - Manifestation which don’t have a match in TEL cluster but belong to the same Work
- Detect **Publishing status** and/or **Availability** of each found manifestation
- **ARROW Assertion**: Publishing status of the Work
Input
- Metadata of Work enriched through BiP Process
- Permission set
- Information about Licensee

Output
- If permission is granted or not, and Why
- **ARROW Assertion**: Orphan status of the Work
ARROW: in so many countries
Development of BiP registry

- Initial Ingestion 1
  - all titles in that country with ISBN
  - title data from TEL, publisher data from International ISBN Agency

- Initial Ingestion 2:
  - publisher data from national ISBN Agency

- Data Enrichment
  - commercial availability and price from suppliers/retailers or publisher
  - publishing status (in print or out of print)
ARROW: an advanced system

- Can query many databases through a single portal + automatic query = time saving
- Allows to upload up to 100 records (or even more) at a time
- Allows batch of records of books in different countries and languages
- Result is recorded in ROW (Register of Orphan Work)
- Allows right holders to claim their right

How far and if ARROW result can be considered as diligent search? If yes, under which conditions?
ARROW: DYR case study

- It is a case study in the framework of ARROW+ made by University of Innsbruck dyr.uibk.ac.at
- The website is indexed to Google to let authors to find his Work in our website
- Some authors have contacted us and allowed to publish his Work on our website http://dyr.uibk.ac.at/freeobjectindex.alo
- Purpose is to enrich the databases connected to ARROW system.
FURTHER INFORMATION

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