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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)

TEL – VIAF – BiP – RRO

- **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 data
- **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

TEL – VIAF – BiP – RRO

- 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



-  Workflows developed in ARROW project
-  Workflows developed in ARROW project
-  Development of BiP Registry

Development of BiP registry

- Initial Ingestion 1
 - ▣ all titels in that country with ISBN
 - ▣ titel 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.

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FURTHER INFORMATION

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ARROW Plus is a Best Practice Network
selected under the ICT Policy Support
Programme (ICT PSP)

