

What is the ARROW system?

ARROW is a tool to assist 'diligent search' for the rights status and rightsholders of text-based works in an automated, streamlined, and standardised way, thus reducing time and costs of the search process.

How does the ARROW system work?

1. The user submits a request to digitise and exploit a publication or copyright material
2. ARROW queries a network of databases connected to the system
3. ARROW collects the best available rights information on the work and delivers them immediately
4. The user receives the answer to the request
5. In case of unavailable rights information on the work at the end of the process, the results feed the Registry of Orphan Works

How is a request submitted to the ARROW system?

ARROW offers multiple interfaces that users can choose according to the needs and dimension of their digitisation programme:

- Manual input of bibliographic information via web form (suitable for single title requests)
- Batch upload of marc 21 xml records (suitable for small-medium digitisation projects)
- B2B interface to integrate ARROW query function into current workflow of library's management system (suitable for mass-digitisation projects)

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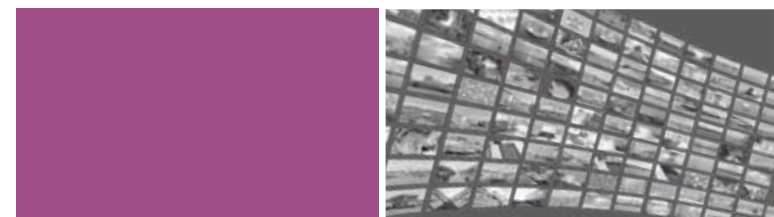
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ARROW



system

ARROW helps to connect users with rights information by means of an easy to use system

What is the ARROW network of databases?

The ARROW system exchanges information with the following network of databases using ONIX-RS message suite developed for ARROW and now released as an EDItEUR open standard

- The European Library, to identify the book and to cluster it with all other books containing the same work
- Virtual International Authority File, to better identify the authors and support the identification of in copyright works
- Books-in-Print database in the country of publication, to know if any of the books concerned is actively commercialised by any publisher
- Reproduction Rights Organisation (RRO) or other Collective Management Organisation repertoires, to see if they know or can trace the rightholders

What is Rights information?

Rights information is made up of all pieces of information that ARROW collects and that are relevant for rights clearance

- The work, of which the book that the library wants to digitise is a “Manifestation“
- Other manifestations of the same work
- Whether the work is copyright or in the public domain
- Whether the work is commercially available or out of commerce
- Whether the work can be considered a potential orphan work or if rightholders are known and traceable
- Who is the author, publisher or other rightholder or their representative to be contacted to obtain the permission to digitise and use a work
- How to get the licence to digitise and exploit the work, when appropriate

Plotting the ARROW system

The ARROW system can, as at September 2011, be used to search for works published in **France**, **Germany**, **Spain** and the **United Kingdom**.

The ARROW pilot in **France** connects:

- Bibliothèque nationale de France (BNF) catalogue in The European Library
- Virtual International Authority File database
- Electre Books in Print database
- The French RRO Centre Français d’Exploitation du Droit de Copie (CFC) repertoire

The ARROW pilot in **Germany** connects:

- Deutsche Nationalbibliothek (DNB) catalogue in The European Library
- Virtual International Authority File database
- Verzeichnis Lieferbarer Bücher (VLB) Books in Print database
- The German RRO Verwertungsgesellschaft Wort (VG Wort) repertoire

The ARROW pilot in **Spain** connects:

- Biblioteca Nacional de España (BNE) catalogue in The European Library
- Virtual International Authority File database
- DILVE Books in Print database lookup via CEDRO
- The Spanish RRO Centro Español de Derechos Reprográficos (CEDRO) repertoire

The ARROW pilot in the **United Kingdom** connects:

- British Library catalogue in The European Library (TEL)
- Nielsen Books in Print database lookup via RRO UK
- The UK RRO Copyright Licensing Agency (CLA), the Publishers Licensing Society (PLS) and the Authors’ Licensing & Collecting Society (ALCS) repertoires and databases

Developments to connect new countries to the ARROW system are in progress. Please check www.arrow-net.eu for updates.

ARROW Components

ARROW is a comprehensive system made up of the following components:

- The ARROW Web Portal Services: represents the interface between the user and the system
- The Rights Information Infrastructure (RII): the backbone of the ARROW system and the engine that enables ARROW to query and retrieve information of a network of databases, to process this information and take decisions on the successive elaboration and finally to exchange information according to a planned workflow
- The ARROW Work Registry (AWR): stores all the relevant pieces of information collected by the RII workflow in a structured way that allows the retrieval and use of that information in the framework of ARROW services
- The Registry of Orphan Works (ROW): the subset of the AWR referring to works that have been declared as “probably orphan”

