Designing TALARIA: a New Software to Support Resource Sharing of International Communities

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Sharing To Heal: Resource Sharing Through the Pandemic and Beyond

HERMES
Strengthening Digital Resource Sharing
During COVID And Beyond

Resource sharing consortium

Library Consortium:

A <u>formal association</u> of libraries, usually restricted to a geographical area, set number of libraries, type of library, or subject interest, that is <u>established to develop and implement resource sharing among the members</u> and thereby improve the services and resources available to their respective target groups.

Cit. Document Delivery and Resource Sharing: Global perspectives – Glossary

a HERMES project intellectual output

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Resource sharing community

Library Consortium

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Community *of knowledge professionals open to collaboration and sharing through the sharing of best practices, knowledge, training, experiences, projects,...*
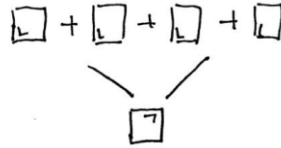
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Resource sharing community

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The founding pillars of Resource sharing communities

- **People**
- **Common policies**
  - bylaws, rules and regulations
- **Common technology platform**
  - catalog, request system
- **Communication tools**
  - mailing list, website, meetings and conferences, training courses, surveys

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RS consortium vs RS community

CONSORTIUM

- Coordinator
- Shared goals
- Mutual respect
- Sharing of ideas as a group
- Engagement
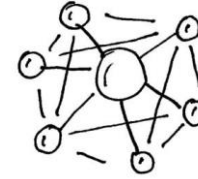
COMMUNITY

- Primus inter pares
- Shared vision and values
- Mutual trust
- Generation of new ideas as a group
- Empowerment

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Silos are very big containers used to produce wine

Resource Sharing communities are like Silos worldwide

RSCVD

TO BRIDGE COMMUNITIES

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Talaria software

- Hermes EU co-funded project
- Objectives
  - To **improve** the existing RSCVD system to increase robustness, reliability, scalability, user-friendliness, independence from commercial platforms
  - To **bridge** between existing resource sharing communities and fill the gap
  - To provide a **platform for those libraries which do not have their own** RS national community
  - To release an **Open Source software**, which RS communities can take, use and manage independently
- Hermes Software group
  - CNR, Balamand, MEF, Cantabria Universities, Hermes Scientific Committe

HERMES.

(Painted by W. B. Richmond. Grosvenor Gallery, 1886.)

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Talaria software

- TALARIA is designed **to support library communities** in their Resource Sharing management, for instance:
  - the RSCVD international community
  - the NILDE community (Italy)
  - any other national, regional, RS community willing to use it as their technological platform

- TALARIA is designed **to be a flexible platform to support different needs and policies** of a RS community

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Talaria «custom» configurations

- **Graphic identity**, such as the LOGO and colours palette

- **Authentication** systems

- **Library RS profiles**
    - Peer-to-peer → each library is Borrower & Lender
    - Different profiles → BASIC: Borrower only, FULL: Borrower and Lender

- **Community policies on ILL costs**
    - Free-of-charge, or Free-of-charge with imbalance threshold
    - Fixed unit cost, ex: IFLA voucher

- **End-users management** → enabling patron requests or not

- **Catalogs** to search for holdings

Talaria technical characteristics

- **Free and open-source** technologies as much as possible
- **Multilingual** support (English, Italian, Spanish)
- **Progressive Web App (PWA)**. Responsive, fast, secure web browsing on different platforms, including mobile devices
- **User-friendly user-interface**, based on visual communication

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RSCVD HOME

HERMES

Welcome to RSCVD - Resource Sharing during COVID-19 (RSCVD)

A high-quality,open and collaborative resource sharing service to help guarantee universal and equitable access to information. Volunteers libraries belonging to RSCVD will provide access to materials requested by interlibrary load professionals of not-for-profit-libraries

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Search a reference by entering DOI, PMID or ISBN or exact title

Es: 10.1002/hlca.19740570315 🔍

Or fill the form manually

Go to the form

Search and import of bibliographic citation from external sources/API

Integration with OpenAccess Button to find the OA version of a work, if available

Open Access Button is powered by OA.works

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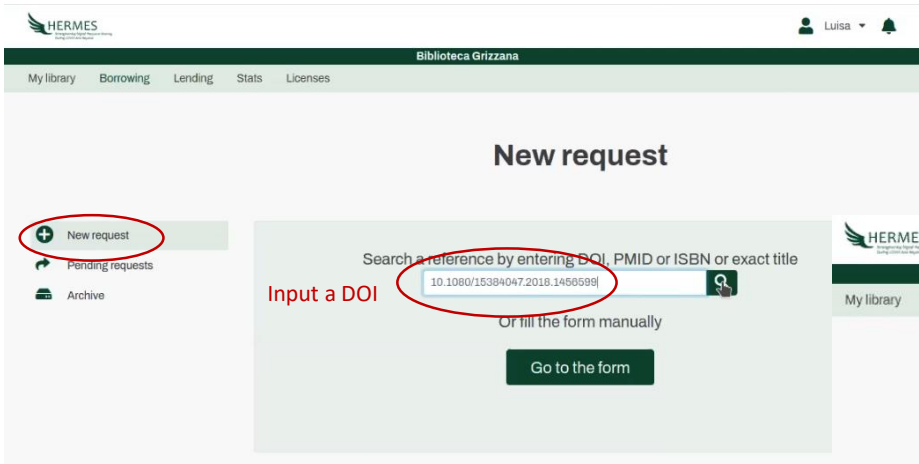
NEW REQUEST WITH OPEN ACCESS SEARCH

Input a DOI

OA version is available

Bibliographic reference is imported

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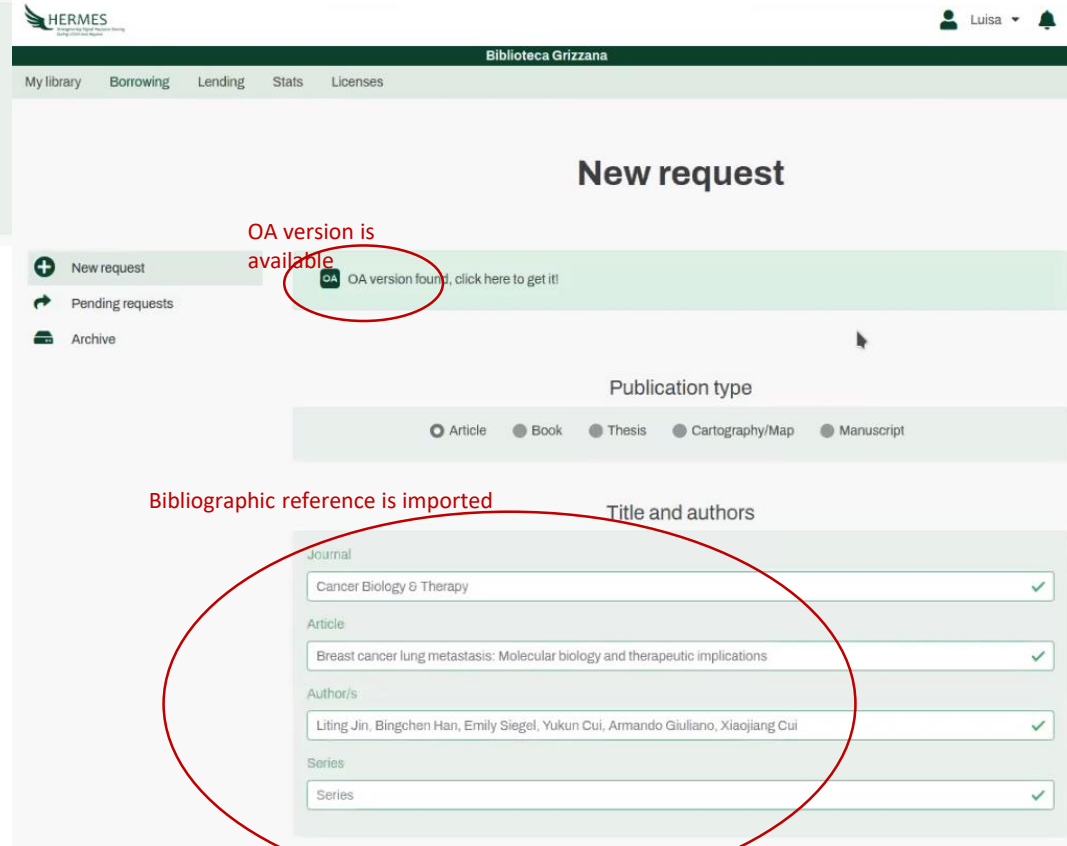
REQUESTS SUBMISSION & MAINTENANCE

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Different models of fishing (and resource sharing)

Fly fishing

Fisherman throws the hook and someone takes the bait
He does not know who

→   **RSCVD requesting model**

The *tonnara* is a millenary system for fishing tuna fishermen build very complex nets to convey tunas. Each fisherman **hits one** fish and **kill it** (**the mattanza**)

→ The requesting model we know in resource sharing
We use library catalogs to expose and share library holdings (Z39.50 search) Or RS software manage internal holdings database

Talaria orphaned requests

It works like a **community bulletin board**

Contains all those requests that are visible to all libraries.

As for normal requests, it is necessary to accept a request to supply it.

After accepting the Orphaned request, the other libraries will no longer be able to see it or fulfil it.

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REQUESTS PROCESSING & FULFILLMENT

Fulfillment supports a set of **Delivery Methods**:
- SED (Secure E-Delivery- embedded into system)
- e-delivery external (Article Exchange, URL)
- traditional (mail, fax)

- Copyright statement form

Not fulfillment reasons:
- Not available for ILL
- Not Held
- Not on Shelf
- Wrong reference
- ILL not permitted by license or copyright law
- Order exceeding maximum number of requests

Orphaned requests
→ requests visible to ALL libraries

A library has to **accept to supply** an orphaned request

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Patron initiated requests

End-users management will be available only when it has been enabled in the initial Talaria setup

User roles

User roles allow **different levels of control** over actions.

Library Operators manage the resource sharing workflow and they can be authorised for **multiple roles** at the same time, in the same or in multiple libraries, depending on their tasks.

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Where are we now?

Talaria Alpha has been tested in August, 2022

    We have started to collect very valuable feed-back and improvement suggestions

Our **future plans**

- Talaria Beta will be tested in October, 2022, during a Hermes distance training course

- Talaria 1.0 will be released by end of 2022

- RSCVD community move to Talaria in 2023

- In 2023 more distance training activities, and software guidelines published

- Talaria SW development will continue to connect with other systems, based on ISO18626 - ILL Transaction protocol

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Conclusions

The RSCVD service started as a pilot project run by and dependent upon volunteers, based on the great digitisation work carried out over the years by American libraries. The intention was to continue this service for as long as access to library collections was restricted in any part of the world.

However, we have come to the creation of a shared tool that can be easily used to connect libraries around the world and fill gaps left by existing resource sharing communities.

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Thank You

The HERMES Project website
https://www.hermes-eplus.eu/

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