

# How to make the digital scholarly monograph fit for Open Access by applying smart services and tools



### Annotation Service

A web-based annotation layer has been implemented on top of the publishing platforms. With the tool of *hypothes.is* users can annotate digital monographs in their own browser and save their annotations for themselves, for a defined private group or for the public.

### Peer-Review Certification System

There is a prototype of a peer-review certification system in testing. Easy to understand icons display which kind of peer-review process has taken place to increase the confidence in the quality of the OA monographs published on the HIRMEOS partner platforms.

### Identification Service

All documents published on the platforms are identified by Crossref DOIs. If an author has already an ORCID ID, the platforms involved in the project displays it next to their name. Through FundRef Data, it is now possible to identify the funding institution and the research project behind a specific publication.

### Named Entity Recognition

The NERD service developed by INRIA and available within the DARIAH-EU infrastructure was used by the HIRMEOS partners to increase visibility and discoverability of digital monographs. One of the most implemented use cases was the improvement of the platform's search interface using entities extracted from the library content.

**open access scholarly monograph**

### Metrics Service

The HIRMEOS platforms are concluding the implementation of a service enabling to collect data on views/downloads, Altmetrics, citations and annotations realized via hypothes.is. A web widget will allow to visualize usage, impact and resonance of a monograph by taking into account Google Books, OAPEN, OpenEdition, Unglue.it, JSTOR, Worldreader, OpenAire, IRUS-UK, Wikimedia.



### HIRMEOS Main Goals

- Integrate Open Access monographs into the open science ecosystem in a systematic and coordinated fashion
- Prototype innovative services for monographs in support of Open Science infrastructure
- Provide additional data, links and interactions to the documents
- Boost user-driven innovation in the academic book publishing sector, both commercial and non-commercial
- Pave the way to new potential tools for research assessment

### HIRMEOS Context

HIRMEOS takes place within the larger network OPERAS (open access in the European research area through scholarly communication) that joins almost 30 partners to build a distributed research infrastructure for the Humanities and Social Sciences.

The Project is run by nine European partners committed to innovative scholarly communication and is based upon five Open Access books publishing platforms giving access to more than 15000 scholarly books.

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