



Scholix Metadata Schema for Exchange of Scholarly Communication Links

The Challenge:

The goal of the Scholix initiative is to establish a high level interoperability framework for exchanging information about the links between scholarly literature and data. It aims to enable an open information ecosystem to understand systematically what data underpins literature and what literature references data.

What is the solution?

The current vehicle for the Scholix initiative is the Scholarly Link Exchange Working Group, a joint initiative of the Research Data Alliance and the World Data System. Scholix is an evolving lightweight set of Guidelines to increase interoperability. It consists of:

- A consensus among a growing group of publishers, datacentres, and global/ domain service providers to work collaboratively and systematically to improve exchange of data-literature link information



Produced by: **RDA/WDS Scholarly Link Exchange (Scholix) WG**

<https://zenodo.org/record/1120265#.X3Wkry8QNvQ>

- Information model: conceptual definition of what is a Scholix scholarly link
- Link metadata schema: metadata representation of a Scholix link
- Options for exchange protocols (forthcoming)

What is the impact?

Scholix is the “wholesaler to wholesaler” exchange framework, to be implemented by existing hubs or global aggregators of data-literature link information such as DataCite, CrossRef, OpenAIRE, or EMBL-EBI. These hubs in turn work with their natural communities of data centres or literature publishers to collect the information through existing community-specific workflows and standards. Scholix thus enables interoperability between a smaller number of large hubs and leverages the existing exchange arrangements between those hubs and their natural communities (eg between CrossRef and journal publishers). Scholix is a technical solution to wholesale information aggregation; it will need to be complemented by other policy, practice and cultural change advocacy initiatives.

Adoption examples:

Aside from the Scholix hubs mentioned above, Scholix is used to link articles to datasets in Scopus, it has been adopted by many publishers and most data repositories.

**Find out more about the
Recommendation from the RDA/
WDS Scholarly Link Exchange
(Scholix) WG**



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