

Scholarly Works Application Profile

A Dublin Core Application Profile for describing eprints

Why?

to support the exchange of richer, more consistent and functional metadata between repositories, aggregators and added-value services

to support this richer metadata using Dublin Core

The Application Model ...

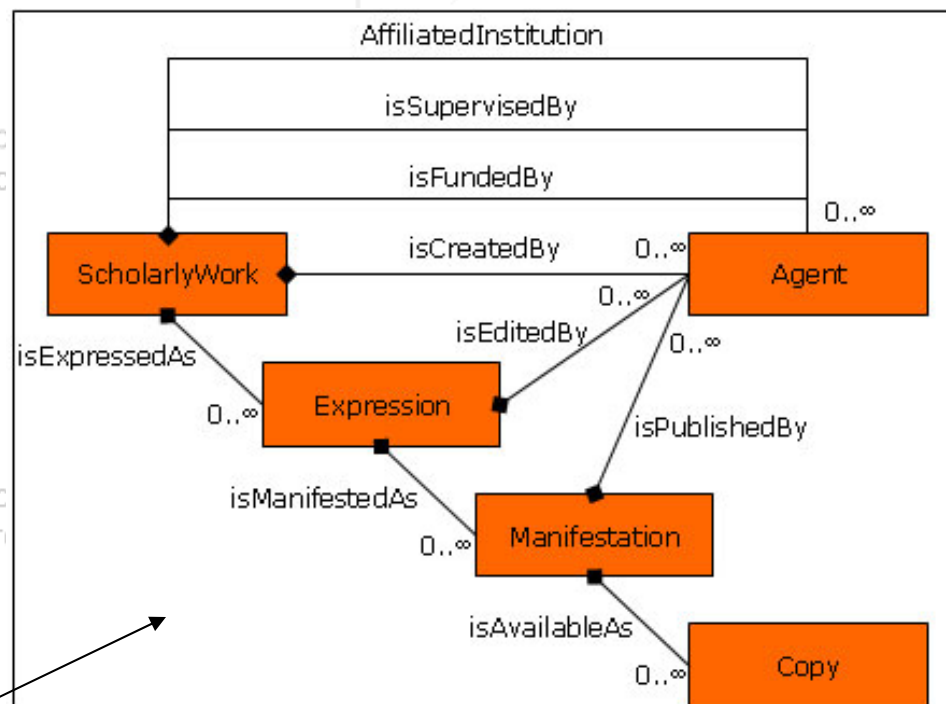
is an entity-relationship model based on FRBR; it allows the grouping together descriptions of different versions, document formats, copies and authors of an eprint and supports their unambiguous identification

the Dublin Core Abstract Model provides a mechanism for describing these multiple entities and their relationships

The Application Profile ...

identifies the metadata properties and vocabularies used to create descriptions of an eprint; it re-uses terms from various metadata namespaces – DC, DCTERMS, FOAF, MARC relator codes – along with some new eprint terms

Vocabularies ensure consistent creation of standard metadata property values for type (see) status and access rights



Interoperability ...

an XML format (Eprints DC XML) supports the serialisation of description sets and facilitates metadata exchange, for example over OAI-PMH

additionally, a dumb-down algorithm facilitates the creation of simple oai_dc records for both the ScholarlyWork as a whole and for each Copy, as mandated by OAI-PMH for basic interoperability

Community acceptance ...

the application profile alone cannot bring about interoperability or provide aggregators with the metadata necessary to offer rich functionality

essential are community uptake by repositories and repository software developers, agreement on common community approaches

and most of all, Eprints DC XML metadata being generated, exposed and exchanged

- <http://purl.org/dc/dcmitype/Text>
- <http://purl.org/eprint/type/ScholarlyText>
- <http://purl.org/eprint/type/Book>
- <http://purl.org/eprint/type/BookItem>
- <http://purl.org/eprint/type/BookReview>
- <http://purl.org/eprint/type/ConferenceItem>
- <http://purl.org/eprint/type/ConferencePaper>
- <http://purl.org/eprint/type/ConferencePoster>
- <http://purl.org/eprint/type/JournalItem>
- <http://purl.org/eprint/type/JournalArticle>
- <http://purl.org/eprint/type/NewsItem>
- <http://purl.org/eprint/type/Patent>
- <http://purl.org/eprint/type/Report>
- <http://purl.org/eprint/type/SubmittedJournalArticle>
- <http://purl.org/eprint/type/Thesis>
- <http://purl.org/eprint/type/WorkingPaper>

Key
↳ = sub-class