

Metadata for Open Access monographs

A metadata model for Open Access monographs

In this document, we present a metadata model for OA monographs. The model was developed as part of the project ‘Investigating OA monograph services’, conducted by Jisc and OAPEN. The model aims to find a balance in addressing the needs of various stakeholders and to keep the overhead in maintaining metadata at an acceptable level.

We do not think this is a definitive model for OA monographs, but rather a provisional list of metadata to be recommended to OA book publishers and other stakeholders. Therefore, we welcome all feedback; it will help to improve the model. Please contact Ronald Snijder for comments or enquiries (r.snijder@oapen.org).

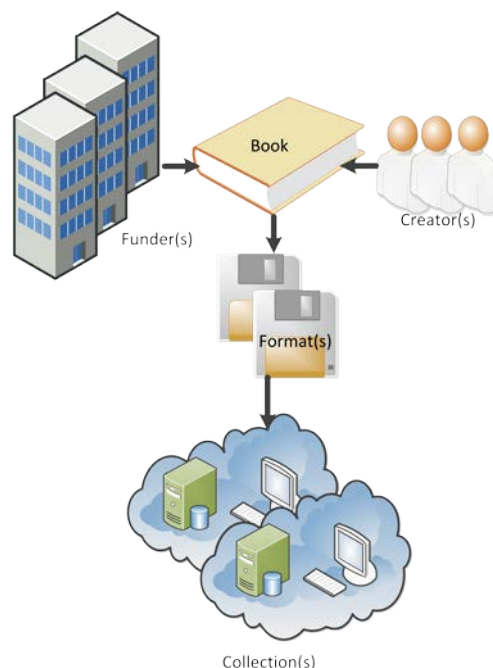
Main parts of the model

The proposed metadata model is based on five main parts: Book, Creator, Format, Funder and Collection. Save for Book, all parts can have multiple instances. For instance, the book “Fungal Disease in Britain and the United States 1850–2000: Mycoses and Modernity”, has multiple authors (Aya Homei and Michael Worboys), it is available in multiple formats (XML and PDF) and it can be accessed through multiple online collections (PMC Book shelf¹, OAPEN Library² and Directory of Open Access Books³). The book “Digitale Datenbanken. Eine Medientheorie im Zeitalter von Big Data” has received subsidy from multiple funders.

The main parts are defined as follows:

- Book – a description of the monograph or chapter
- Creator – the person(s) responsible for the content of the book
- Funder – the organisation(s) supporting the research
- Format – a description of the digital format(s) that have been made available
- Collection – a description of the collection(s) the book is part of

The last column (“R”) describes whether the field or part can be repeated.



¹ See: <http://www.ncbi.nlm.nih.gov/books/NBK169213/>

² See: <http://oapen.org/search?identifier=474551>

³ See: <http://doabooks.org/doab?func=search&template=&query=9781137377012>

Book

Here, the main characteristics of the book (or chapter) are described.

Field	Description	R
Title	Title and subtitle of the book	-
ISBN (print)	ISBN of the paper version	-
ISBN (OA edition)	ISBN of the OA version	
DOI (OA edition)	Digital Object Identifier	-
File – type	For instance: PDF, HTML	-
File – name		-
File – size		-
Rights – description		-
Rights – URL	In the case of a Creative Commons License, the link to the correct licence on the CC website.	-
Publisher	Name of the publisher	-
Primary OA version - site name	For instance: publisher's website; OAPEN library; NCBI Bookshelf	-
Primary OA version - URL	URL to a page where the book is freely available	-
Primary web shop – name	Description of publishers' web shop	-
Primary web shop – URL	URL for directly buying the book	-
Imprint		-
Place of publication		-
Year of publication		-
Number of pages		-
Language of the publication	Use of ISO 639-2 language codes ⁴ is recommended	R
Series – title		-

⁴ See: https://www.loc.gov/standards/iso639-2/php/code_list.php

Field	Description	R
Series – number within the series		-
Series – ISSN		-
Abstract – English		-
Abstract – other languages		R
Keywords – English		R
Keywords – other languages		R
Classification – name	For instance: BIC, LCC. Classification name can be repeated if multiple classification codes are used	R
Classification – code		R
Type of document	Monograph or Monograph chapter. A description of a monograph can contain an optional list of chapter titles	-
Chapter title	Mandatory if the document described is a chapter	R
Book processing charge	The fee paid to make the book OA	-
Embargo – date	End date of the embargo	-

Creator

The book may have more than one creator. The fields listed below describe one creator; repeat the whole block if necessary.

Field	Description	R
Last name		-
First name		-
Role	Author; Editor; Other	-
ORCID		-

Funder

The book may be supported by more than one funder. The fields listed below describe one funder; repeat the whole block if necessary.

Field	Description	R
Funder – name		-
Funder – programme name		-
Funder – project name	A project within a programme	-
Funder – project acronym	Mandatory if the funded project has an acronym	-
Funder – grant number		-

Format

The book may have more digital formats, next to the primary OA version. The fields listed below describe one format; repeat the whole block if necessary.

Field	Description	R
ISBN	ISBN of this particular digital format	-
DOI	Digital Object Identifier	-
File – type	For instance: PDF, HTML	-
File – name		-
File – size		-
Rights – description		-
Rights – URL	In the case of a Creative Commons License, the link to the correct licence on the CC website.	-

Collection

The book may be part of more than one collection. The fields listed below describe one collection; repeat the whole block if necessary.

Field	Description	R
Collection – name	For instance: OAPEN library, DOAB, NCBI Bookshelf	-
Collection – homepage URL		-

Field	Description	R
Collection – harvesting base URL	To enable OAI-PMH harvesting, this URL must be known	-
Book – ID	The ID of the book within the collection	-
Book – URL landing page		-
Book – URL download	URL for directly downloading the book	-
Book – date available	Start date of the availability within the collection	-
Book – date deleted	Date of record deletion	-