Metadata for open access monographs
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A metadata model for open access (OA) monographs

In this guide, we present a metadata model for OA monographs. The model was created as part of the project 'Investigating OA monograph services', conducted by Jisc and OAPEN.

Developed in consultation with research funders, academics and institutional staff and OA monograph publishers, the model recommends a provisional list of metadata for OA book publishers and other stakeholders. Adoption of these recommendations will support effective distribution and discovery, and enable authors and their institutions to track and report on titles published where an author fee has been charged.

We have tried to find the right balance between addressing the needs of various stakeholders and keeping the overheads in maintaining metadata at an acceptable level.

This guide is the first iteration and will be updated as we receive feedback from those actively implementing the model. All feedback is welcome, please contact Ronald Snijder at r.snijder@oapen.org to share comments or for enquiries.

About the model

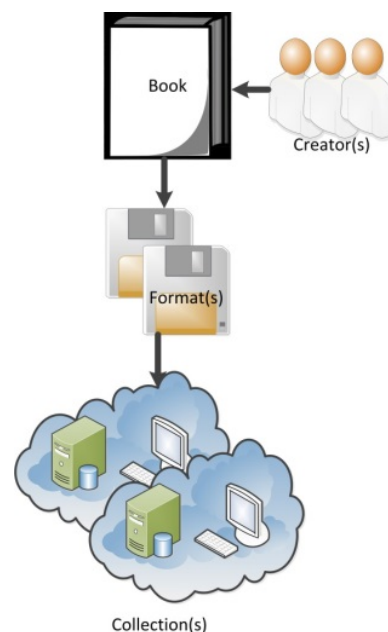The metadata model is based on four main parts:

1. Book
2. Creator
3. Format
4. Collection

Expect 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 shelf**, **OAPEN Library** and **Directory of Open Access Books**).

The main parts are defined as follows:

1. Book: a description of the monograph or chapter
2. Creator: the person(s) responsible for the content of the book
3. Format: a description of the digital format(s) that have been made available
4. Collection: a description of the collection(s) the book is part of

The last column ("R") describes whether the field can be repeated.

The metadata model

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 (CC) licence, 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		-

Field	Description	R
Place of publication		-
Year of publication		-
Number of pages		-
Language of the publication	Use of **ISO 639-2 language codes** is recommended	R
Series – title		-
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
Funder – name		-
Funder – project acronym	Mandatory if the funded project has an acronym	-
Funder – grant number	Mandatory if the funder name is used	-
Book processing charge	The fee paid to make the book OA	-

Field	Description	R
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		-

Format

The book may be available in multiple digital formats, in addition 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 CC licence, 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		-
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	-