

# Books Ontology

## Metadata

### IRI

<http://www.example.org/book#Book>

### Title

Books Ontology

### Description

An ontology based on books that includes metadata to describe a book.

## Classes

Genre <sup>c</sup>	
IRI	<a href="http://www.example.org/book#Genre">http://www.example.org/book#Genre</a>
Description	A style of category of literature
In Domain Of	<a href="#">Fantasy</a> <sup>p</sup> <a href="#">sciFi</a> <sup>p</sup> <a href="#">Educational</a> <sup>p</sup> <a href="#">isGenre</a> <sup>p</sup>

Language of the book <sup>c</sup>	
IRI	<a href="http://www.example.org/book#Language">http://www.example.org/book#Language</a>
Description	The language this edition of the book is written in

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### Properties

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[Educational](#)  
[English \(UK\)](#)  
[Dutch \(NL\)](#)  
[is written by](#)  
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### Namespaces

[owl](#)  
[rdf](#)  
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### Legend

In Domain Of	
	<u>English</u> <sup>p</sup>
	<u>Dutch</u> <sup>p</sup>
	<u>isWrittinIn</u> <sup>p</sup>
In Range Of	
	<u>English</u> <sup>p</sup>
	<u>Dutch</u> <sup>p</sup>

The format of the book <sup>c</sup>	
IRI	<code>http://www.example.org/book#Format</code>
<u>Description</u>	In what format comes this edition of the book
<u>In Domain Of</u>	<u>isFormat</u> <sup>p</sup>

Publication information <sup>c</sup>	
IRI	<code>http://www.example.org/boook#Publication</code>
<u>Description</u>	Publication data and location
<u>In Domain Of</u>	<u>isPublishedBy</u> <sup>p</sup> <u>isPublishedOn</u> <u>isPublishedIn</u>

Title <sup>c</sup>	
IRI	<code>http://www.example.org/book#Title</code>
<u>Description</u>	The title of the book

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## Metadata

## Classes

- Genre
- Language of the book
- The format of the book
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## Properties

- Fantasy.
- Science Fiction
- Educational
- English (UK).
- Dutch (NL).
- is written by.
- is written in
- is format
- is genre
- is published by.

## Namespaces

- owl
- rdf
- rdfs

## Legend

## Properties

Fantasy <sup>p</sup>	
IRI	<a href="http://www.example.org/book#Fantasy">http://www.example.org/book#Fantasy</a>
Description	Fantasy is a genre of speculative fiction involving magical elements.
Domain	Genre <sup>c</sup>

Science Fiction <sup>p</sup>	
IRI	<a href="http://www.example.org/book#sciFi">http://www.example.org/book#sciFi</a>
Description	Science fiction is a genre of fiction in which the stories often tell about science and technology of the future.
Domain	Genre <sup>c</sup>

Educational <sup>p</sup>	
IRI	<a href="http://www.example.org/book#Educational">http://www.example.org/book#Educational</a>
Description	Educational is a genre of books that have educational purposes
Domain	Genre <sup>c</sup>

English (UK) <sup>p</sup>	
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- is written by
- is writtin in
- is format
- is genre
- is published by

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### Legend

IRI		http://www.example.org/book#English
Description		The book is written in English
Domain		Language <sup>C</sup>
Range		Language <sup>C</sup>

Dutch (NL) <sup>P</sup>		
IRI		http://www.example.org/book#Dutch
Description		The book is written in Dutch
Domain		Language <sup>C</sup>
Range		Language <sup>C</sup>

is written by <sup>P</sup>		
IRI		http://www.example.org/book#isWrittenBy
Description		The book is writtin by the following author
Domain		Book
Range		Author

is writtin in <sup>P</sup>		
IRI		http://www.example.org/book#isWrittinIn
Description		The book is writtin in a certain

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language	
<u>Domain</u>	<u>Language</u> <sup>C</sup>
<u>Range</u>	<ul style="list-style-type: none"><li><u>English</u><sup>P</sup></li><li><u>Dutch</u><sup>P</sup></li></ul>
is format <sup>P</sup>	
IRI	http://www.example.org/book#isFormat
<u>Description</u>	The book is in a certain format
<u>Domain</u>	<u>Format</u> <sup>C</sup>
<u>Range</u>	<ul style="list-style-type: none"><li><u>paperBack</u></li><li><u>hardCover</u></li><li><u>Audiobook</u></li><li><u>Ebook</u></li></ul>
is genre <sup>P</sup>	
IRI	http://www.example.org/book#isGenre
<u>Description</u>	The book has the following genre
<u>Domain</u>	<u>Genre</u> <sup>C</sup>
<u>Range</u>	<ul style="list-style-type: none"><li><u>Fantasy</u><sup>P</sup></li><li><u>sciFi</u><sup>P</sup></li><li><u>Educational</u><sup>P</sup></li></ul>
is published by <sup>P</sup>	

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Legend

<b>IRI</b>	<a href="http://www.example.org/book#isPublishedBy">http://www.example.org/book#isPublishedBy</a>
<b>Description</b>	The publisher of the book
<b>Domain</b>	<a href="#">Publication</a> <sup>c</sup>
<b>Range</b>	<a href="#">Publisher</a>

## Namespaces

:	<a href="http://www.example.org/book#">http://www.example.org/book#</a>
owl	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
rdfs	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>

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<sup>c</sup>	Classes
p	Properties

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