

# The langscibook L<sup>A</sup>T<sub>E</sub>X class

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# 1 Introduction

This document describes the  $\LaTeX$  class langscibook.cls. This class is used for typesetting books with Language Science Press. Language Science Press publish open access monographs and edited volumes in linguistics.





## 2 The class

The class is loaded via `\documentclass{langscibook}`. The standard use case is the creation of a book. If used without an `output=` option, the option `output=book` is loaded. The class can also be used to create dust jackets for books with different measurements via the output option values `covercreatespace` (for <http://www.createspace.com>) and `coverbod` (for <http://www.bod.de>).

The class provides for the following:

- front cover
- frontispiece
- inside title
- colophon
- table of contents
- chapters
- list of references (per chapter or global)
- name index, subject index, language index
- advertisement
- back title
- ISBN
- DOI (per book and per chapter)

When used to create dust jackets, the class will produce a large pdf with a collation of backcover, spine and frontcover, from left to right, surrounded by bleed.



## 3 Requirements

### 3.1 Fonts

The class uses the fonts Libertine, Arimo and Dejavu. These have to be present on the system.

### 3.2 Styles

A couple of additional style files come with the class. Documents using this class will compile without them, but in order to typeset books for language science press, these packages should be loaded as well. These packages are

- `langsci-basic.sty`: Commands used in all Language Science Press books
- `langsci-optional.sty`: Further commands useful for some typical books
- `langsci-gb4e.sty`: Package for linguistic examples
- `langsci-cgloss.sty`: Helper package for `langsci-gb4e`
- `langsci-forest-setup.sty`: Set up the forest package for linguistic trees
- `langsci-tbls.sty`: Package for the textbook series Textbooks in Language Sciences
- `langsci-bidi.sty`: Package for typesetting right-to-left text

### 3.3 Colors and series definitions

The metadata for Language Science Press book series are stored in the file `series.def`. This file loads the file `colors.def` to set the colors for the cover and title font. Both files should be safe to use for all books of well-established series. For new series, the ISSN field of `series.def` might have to be updated.



## 4 Creating a book

The easiest way to start a book is to download the skeletons from <http://langsci-press.org/templatesAndTools>. Sample documents for monographs, edited volumes and chapters in edited volumes are provided in the folder `samples/` as well.

### 4.1 Creating a monograph

Load the class. Make sure the following metadata values are set, either as options or with the metadata commands listed in §6.3:

- author
- title
- series
- series number
- all ISBNs
- BookDOI
- URL
- blurb (back body)

Provide the following additional information if necessary:

- subtitle
- backtitle
- spine title
- spine author
- dedication

## 4 *Creating a book*

- list of proofreaders
- list of typesetters
- list of illustrators
- license other than CC-BY

### 4.2 **Creating an edited volume**

Proceed as for a monograph, but use the option `collection`. Use `\author` for the editor(s). You may want to use the further options `collectionchapter` and `collectiontoclong`. Chapters are included via `\includepaper{}`. Set the bibliography resource for all papers in the main file.

### 4.3 **Creating a paper for an edited volume**

Use the output option `paper`. Provide the following metadata in the preamble:

- `\author with (\affiliation)`
- `\title`
- `\abstract` (optional)

You might want to redefine `\rohead` for chapters with very long titles.

## 5 Creating a dust jacket

Use the option `coverbod` or `covercreatespace`. Set the lengths `\bodspine` and `\csspine`. For `covercreatespace` set the further output option `coverus` if desired. Run  $\LaTeX$  twice. Upload to the respective websites to see whether the lengths were chosen correctly.





## 6 Options

The class has flag options to toggle certain behaviour and string options to set metadata values. The metadata values can all also be set via the metadata commands listed in §6.3.

### 6.1 Flag options

#### 6.1.1 **draftmode**

Switch to draft mode (adds: draft stamp, indication of overlong lines, date)

Default value: `false`

#### 6.1.2 **openreview**

Switch to open review mode

Default value: `false`

#### 6.1.3 **nonflat**

Use elaborate directory structure. If set to true, fonts, packages etc will be loaded from subfolders. If set to false, they will be loaded from the working directory

Default value: `false`

#### 6.1.4 **modfonts**

Use modified fonts provided by Language Science Press

Default value: `false`

#### 6.1.5 **showindex**

Show indexed terms in margin

Default value: `false`

## 6 Options

### 6.1.6 biblatex

Use Bib~~La~~TeX

Default value: true

### 6.1.7 bibtex

Use Bibtex

Default value: false

### 6.1.8 newtxmath

Switch math fonts to newtxmath

Default value: false

### 6.1.9 collection

Make the book an edited volume

Default value: false

### 6.1.10 collectionchapter

Add numeric chapter prefix to each contribution.

Default value: false

### 6.1.11 collectiontoclong

More detailed table of content in edited volumes

Default value: false

### 6.1.12 coverus

Use isbnsoftcoverus instead of isbnsoftcover if output=covercreatespace

Default value: false

## 6.2 String options

### 6.2.1 number

Number of the book within the series

Default value: "??"

### 6.2.2 **issn**

ISSN of the series this book will appear in

Default value: "??"

### 6.2.3 **isbndigital**

The ISBN of the digital release

Default value: "000-0-000000-00-0"

### 6.2.4 **isbnsoftcover**

The ISBN of the soft cover release

Default value: "000-0-000000-00-0"

### 6.2.5 **isbnsoftcoverus**

The ISBN of the US version of soft cover release (used for distribution to US academic institutions)

Default value: "000-0-000000-00-0"

### 6.2.6 **isbnhardcover**

The ISBN of the hard cover release

Default value: "000-0-000000-00-0"

### 6.2.7 **url**

The URL of the book

Default value: "http://langsci-press.org/catalog"

### 6.2.8 **series**

The series code (see `series.def` for a list of acronyms)

Default value: "eotms"

### 6.2.9 **output**

Different output formats

Default value: book

- book: The book with frontcover and backcover

## 6 Options

- `inprep`: Mark manuscript as in preparation
- `paper`: Contribution to edited volume
- `guidelines`: Choose color grey; condense frontmatter
- `coverbod`: Create a two-page wide cover (back-spine-front) for use with BoD
- `covercreatespace`: Create a two-page wide cover (back-spine-front) for use with CreateSpace

### 6.2.10 `copyright`

The license chosen

Default value: "CC-BY"

### 6.2.11 `biblatexbackend`

The backend of BibLaTeX

Default value: "bibtex" Alternative: biber

## 6.3 Metadata commands

The following commands are used to indicated metadata. These commands can override the options passed to the class.

### 6.3.1 `\BackBody`

Text to be printed on the back cover

Default value: `Europān lingvės es mēbres dēl sām familij. Lōr separat existētiē es un myth. Pōr sciēntij, mūsikā, sport etc, litot Europā usā li sām vōcabulār. Li lingvės differe solmēn in li grāmātikā, li prōnun-  
ciātiōn ē li plu cōmun vōcabulēs. Omnīcos directē al dēsirābilītē dē  
un nov lingvā frāncā: Ōn refūsā cōtinuār payār custōsi traductōrēs.`

### 6.3.2 `\BackTitle`

Title on back cover

Default value: same as on front cover

### 6.3.3 \BookDOI

DOI for the book

Default value: ??

### 6.3.4 \ChapterDOI

DOI for a chapter

Default value: ??

### 6.3.5 \dedication

A dedication

Default value: void

### 6.3.6 \ISBNdigital

ISBN for the digital version

Default value: 000-0-000000-00-0

### 6.3.7 \ISBNhardcover

ISBN for the hardcover version

Default value: 000-0-000000-00-0

### 6.3.8 \ISBNsoftcover

ISBN for the softcover version

Default value: 000-0-000000-00-0

### 6.3.9 \ISBNsoftcoverus

ISBN for the softcover version (US distribution)

Default value: 000-0-000000-00-0

### 6.3.10 \Series

The series this book appears in. Use the acronyms found in `series.def`

Default value: eotms

## 6 Options

### 6.3.11 `\SeriesNumber`

Number of the book in the series

Default value: ??

### 6.3.12 `\URL`

The URL where this title can be downloaded

Default value: <http://langsci-press.org/catalog>

## 6.4 Overrides

The following commands allow to override further default settings:

### 6.4.1 `\SpineAuthor`

Custom author on spine. Useful for long lists of authors/editors

Default value: same as on cover

### 6.4.2 `\SpineTitle`

Custom title on spine. Useful for long titles

Default value: same as on cover

## 6.5 Command redefinitions

Redefine the following commands to further alter the appearance:

### 6.5.1 `\lsAdvertisement`

specify the advertisement on the last page of the book

Default value: `\include{\logopath didyoulikethisbook}`

### 6.5.2 `\lsBackBodyFont`

Font used for text on back cover

Default value: main font

### 6.5.3 **\lsBackTitleFont**

Font used for title on back cover

Default value: `\sffamily\addfontfeaturesScale=MatchUppercase  
\fontsize{25pt}{10mm}\selectfont`

### 6.5.4 **\lsCopyright**

Choice of licence

Default value: CC-BY

### 6.5.5 **\lsCoverAuthorFont**

Font for author/editor on cover

Default value: `\fontsize{25pt}{12.5mm}\selectfont`

### 6.5.6 **\lsCoverSubTitleFont**

Font for the subtitle

Default value: `\sffamily\addfontfeatures{Scale=MatchUppercase}  
\fontsize{25pt}{10mm}\selectfont`

### 6.5.7 **\lsEditorPrefix**

How editors are indicated on title page. Useful for localization.

Default value: `\LARGE Edited by`

### 6.5.8 **\lsFontSize**

size of main font

Default value: 11pt

### 6.5.9 **\lsImpressumCitationText**

custom citation text, useful for including notes etc.

Default value: computed from author and title fields

## 6 Options

### 6.5.10 **\lsISSN**

ISSN of the series

Default value: ??

### 6.5.11 **\lsLanguageIndexTitle**

The title of the language index. Change this for non-English works

Default value: Language index

### 6.5.12 **\lsNameIndexTitle**

The title of the name index. Change this for non-English works

Default value: Name index

### 6.5.13 **\lsSpineAuthorFont**

Font for the author on the spine

Default value: \fontsize{16pt}{14pt}\selectfont

### 6.5.14 **\lsSpineTitleFont**

Font for the title on the spine

Default value: \sffamily\fontsize{18pt}{14pt}\selectfont

### 6.5.15 **\lsSubjectIndexTitle**

The title of the subject index. Change this for non-English works

Default value: Subject index

## 6.6 Additions

### 6.6.1 **\lsAdditionalFontsImprint**

Add additional fonts to the list of fonts in the colophon

Default value: void