

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

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Language Science Press Guidelines



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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 `coverbodsc/coverbodhc` (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
- 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 Libertinus, 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-bidi.sty`: Package for typesetting right-to-left text
- `langsci-optional.sty`: Further commands useful for some typical books
- `langsci-cgloss.sty`: Helper package for `langsci-gb4e`
- `langsci-gb4e.sty`: Package for linguistic examples
- `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-subparts.sty`: adds an additional sectioning level between part and chapter

## 3.3 Series definitions

The metadata for LangSci book series are stored in `langsci-series.def`. For new series, the ISSN field of `langsci-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 `examples/` as well.

### 4.1 Creating a monograph

Load the class. Make sure the following metadata values are set with the metadata commands listed in §6.3:

- author
- title

Provide the following additional information if necessary:

- series
- series number
- all ISBNs
- BookDOI
- ID
- blurb (back body)
- subtitle
- backtitle
- spine title
- spine author

## 4 Creating a book

- dedication
- list of proofreaders
- list of typesetters
- list of illustrators
- license other than CC-BY
- list of additional fonts

### 4.2 Creating an edited volume

Proceed as for a monograph, but use the option `collection`. Use `\author` for the editor(s). Use the option `multiauthors` if there is more than one editor. 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 use `\shorttitalrunninghead` for chapters with very long titles.

Papers can be compiled standalone. You can use the command `\papernote` in the preamble of the paper to adjust the text displayed in the footer. This can be embedded in a conditional as follows (assuming your chapter source file is in a subfolder of the folder containing your main file):

```
\IfFileExists{../samplevolume.tex}{%adjust to name of your master file
  \papernote{\scriptsize\normalfont
    To appear in:
    Change Volume Editor.
```

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

```
Change volume title.  
Berlin: Language Science Press. [preliminary page numbering]  
}  
\pagenumbering{roman}  
\setcounter{chapter}{23}%adjust the chapter number  
\addtocounter{chapter}{-1}  
}{}
```

This will set your chapter number to 23 when compiled standalone (rather than 1) and will display text in the chapter footer.





## 5 Creating a dust jacket

Use the option `coverbodhc`, `coverbodsc` or `covercreatespace` and set the option `spinewidth`. Run  $\text{\LaTeX}$  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.

## 6.1 Flag options

### 6.1.1 `collection`

Make the book an edited volume

Default value: `false`

### 6.1.2 `collectionchapter`

Add numeric chapter prefix to each contribution.

Default value: `false`

### 6.1.3 `draftmode`

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

Default value: `false`

### 6.1.4 `openreview`

Switch to open review mode

Default value: `false`

### 6.1.5 `multiauthors`

Set editor suffix to eds. instead of ed.

Default value: `false`

### 6.1.6 `minimal`

Load a very bare class optimized for compilation speed

Default value: `false`

## *6 Options*

### **6.1.7 nobabel**

Do not use the Babel package in the class

Default value: `false`

### **6.1.8 showindex**

Show indexed terms in margin

Default value: `false`

### **6.1.9 smallfont**

Use a smaller font for books above 500 pages

Default value: `false`

### **6.1.10 chinese font**

Load fonts for Chinese and update font info in colophon

Default value: `false`

### **6.1.11 japanese font**

Load fonts for Japanese and update font info in colophon

Default value: `false`

### **6.1.12 hebrew font**

Load fonts for Hebrew and update font info in colophon

Default value: `false`

### **6.1.13 arabic font**

Load fonts for Arabic and update font info in colophon

Default value: `false`

### **6.1.14 syriac font**

Load fonts for Syriac and update font info in colophon

Default value: `false`

## 6.2 String options

### 6.2.1 output

Different output formats

Default value: book

- **book**: The book with frontcover and backcover
- **paper**: Contribution to edited volume
- **minimal**: Optimise for speed. Some features might not work. Useful for drafts.
- **guidelines**: Choose color grey; condense frontmatter
- **coverbodhc**: Create a two-page wide cover (back-spine-front) for use with BoD hardcover books
- **coverbodsc**: Create a two-page wide cover (back-spine-front) for use with BoD softcover books
- **covercreatespace**: Create a two-page wide cover (back-spine-front) for use with CreateSpace

### 6.2.2 spewidth

The width of the spine (for cover creation)

Default value: 20mm

### 6.2.3 booklanguage

Load babel for the specified language and change the custom headers for list of references and indexes

Default value: english

### 6.2.4 copyright

The license chosen

Default value: "CC-BY"

## 6.3 Metadata commands

The following commands are used to indicated metadata.

### 6.3.1 `\BackBody`

Text to be printed on the back cover

Default value: European lingues es membres del sam familie. Lor separat existentie es un myth. Por scientie, musica, sport etc, litot Europa usa li sam vocabular. Li lingues differe solmen in li grammatica, li pronounciation e li plu commun vocabules. Omnicos directe al desirabilite de un nov lingua franca: On refusa continuar payar custosi traductores.

### 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 `\lsISBNdigital`

ISBN for the digital version

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

### 6.3.7 `\lsISBNhardcover`

ISBN for the hardcover version

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

### 6.3.8 `\lsISBNsoftcover`

ISBN for the softcover version

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

### 6.3.9 `\lsSeries`

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

Default value: eotms

### 6.3.10 `\lsSeriesNumber`

Position of the book in its series

Default value: ??

### 6.3.11 `\lsID`

The numerical LangSci ID, used for various URLs

Default value: 000

## 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 Options

### 6.4.3 `\lsImpressionCitationAuthor`

How the author name should be displayed in the impressum

Default value: Automatically inferred from `\author{}`, but sometimes things go wrong

### 6.4.4 `\lsImpressionCitationText`

Customize the full citation as displayed in the colophon. Useful for second editions

Default value: Automatically inferred from `\author{}` and `\title{}`

### 6.4.5 `\papernote`

Text displayed in the footer of chapters

Default value: Automatically inferred from volume and chapter metadata

### 6.4.6 `\lsChapterFooterSize`

Font size for chapter footers

Default value: `\small`

### 6.4.7 `\includespineLogo`

The logo to be put on the spine

Default value: void

### 6.4.8 `\includestorageLogo`

The logo of the archiving institution

Default value: void

### 6.4.9 `\includepublisherLogo`

The publisher's logo in the impressum

Default value: void

### 6.4.10 `\includechapterfooterLogo`

The logo to be used in chapter footers

Default value: void



#### 6.4.11 `\publisherstreetaddress`

the physical address of the publisher  
Default value: LangSci Berlin address

#### 6.4.12 `\publisherurl`

The web address of the publisher  
Default value: `\href{http://langsci-press.org}{langsci-press.org}`

#### 6.4.13 `\storageinstitution`

Where the book is archive  
Default value: FU Berlin

#### 6.4.14 `\githubtext`

Where the tex code of the book can be found  
Default value: Source code available from  
`\href{https://www.github.com/langsci/\lsID}{www.github.com/langsci/\lsID}`

#### 6.4.15 `\paperhivetext`

Where the book can be found on PaperHive  
Default value: Collaborative reading:  
`\href{https://paperhive.org/documents/remote?type=langsci&id=\lsID}%  
{paperhive.org/documents/remote?type=langsci&id=\lsID}`

### 6.5 Command redefinitions

Redefine the following commands to further alter the appearance:

#### 6.5.1 `\CoverTitleSizes`

Set custom fontsize #1 and baselineskip #2 for title on cover  
Default value: 52pt, 16.75mm

#### 6.5.2 `\lsBackBodyFont`

Font used for text on back cover  
Default value: main font

## 6 Options

### 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 `\lsCoverTitleFont`

Font for the title

Default value: `\sffamily\addfontfeaturesScale=MatchUppercase  
\fontsize52pt17.25mm\selectfont`

### 6.5.8 `\lsEditorPrefix`

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

Default value: `\LARGE Edited by\\`

### 6.5.9 `\lsEditorSuffix`

How editors are indicated in the colophon

Default value: `(ed.)/(eds.)`, depending on the value of the option `multiauthors`

#### 6.5.10 **\lsFontSize**

size of main font

Default value: 11pt

#### 6.5.11 **\lsImpressumCitationText**

custom citation text, useful for including notes etc.

Default value: computed from author and title fields

#### 6.5.12 **\lsISSN**

ISSN of the series

Default value: ??

#### 6.5.13 **\lsLanguageIndexTitle**

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

Default value: Language index

#### 6.5.14 **\lsNameIndexTitle**

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

Default value: Name index

#### 6.5.15 **\lsSpineAuthorFont**

Font for the author on the spine

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

#### 6.5.16 **\lsSpineTitleFont**

Font for the title on the spine

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

#### 6.5.17 **\lsSubjectIndexTitle**

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

Default value: Subject index

## *6 Options*

### **6.5.18 \lsYear**

Year of publication

Default value: \the\year

## **6.6 Additions**

### **6.6.1 \lsAdditionalFontsImprint**

Add additional fonts to the list of fonts in the colophon

Default value: void

### **6.6.2 \lsImpressumExtra**

for legal notes required for revised theses (“... in fulfillment of ...”)

Default value: void