The langscibook \LaTeX 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 publishes 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 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)
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-affiliations.sty: Parse author affiliations
- langsci-bidi.sty: Package for typesetting right-to-left text
- langsci-gb4e.sty: Package for linguistic examples
- langsci-lgr.sty: The glosses defined in the Leipzig Glossing Rules
- langsci-optional.sty: Further commands useful for some typical books
- langsci-subparts.sty: adds an additional sectioning level between part and chapter
- langsci-tbts.sty: Package for the textbook series Textbooks in Language Sciences

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 §5.3:

- author
- title

Provide the following additional information if necessary:

- series
- series number
- all ISBNs
- BookDOI
- ID
- blurb (back body)
- subtitle
- backtitle
- dedication
- list of proofreaders
4 Creating a book

- 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). 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[short]{long}
- \abstract (optional)

You might want to use \shorttitlerunninghead 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.
Change volume title.
Berlin: Language Science Press. [preliminary page numbering]
}}}{
\pagenumbering{roman}
\setcounter{chapter}{23}%adjust the chapter number
\addtocounter{chapter}{-1}
}
4.3 Creating a paper for an edited volume

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

The class has flag options to toggle certain behaviours and string options to set metadata values.

5.1 Flag options

5.1.1 collection
Make the book an edited volume
Default value: false

5.1.2 draftmode
Switch to draft mode (adds: draft stamp, indication of overlong lines, date)
Default value: false

5.1.3 openreview
Switch to open review mode
Default value: false

5.1.4 minimal
Load a very bare class optimized for compilation speed
Default value: false

5.1.5 nobabel
Do not use the Babel package in the class
Default value: false

5.1.6 showindex
Show indexed terms in margin
Default value: false
5 Options

5.1.7 **chinesefont**
Load fonts for Chinese and update font info in colophon
Default value: false

5.1.8 **japanesefont**
Load fonts for Japanese and update font info in colophon
Default value: false

5.1.9 **hebrewfont**
Load fonts for Hebrew and update font info in colophon
Default value: false

5.1.10 **arabicfont**
Load fonts for Arabic and update font info in colophon
Default value: false

5.1.11 **syriacfont**
Load fonts for Syriac and update font info in colophon
Default value: false

5.2 **String options**

5.2.1 **output**
Different output formats
Default value: book

- **book**: The book with frontcover and backcover
- **paper**: Contribution to edited volume
- **minimal**: Optimised for speed. Some features might not work. Useful for drafts.
- **guidelines**: Choose color grey; condense frontmatter
5.3 Metadata commands

5.2.2 booklanguage
Load babel for the specified language and change the custom headers for list of references and indexes
Default value: english

5.2.3 copyright
The license chosen
Default value: CC-BY

5.3 Metadata commands
The following commands are used to indicated metadata.

5.3.1 \BackBody
Text to be printed on the back cover

5.3.2 \BackTitle
Title on back cover
Default value: same as on front cover

5.3.3 \BookDOI
DOI for the book
Default value: ??

5.3.4 \ChapterDOI
DOI for a chapter
Default value: ??
5 Options

5.3.5 \dedication
A dedication
Default value: void

5.3.6 \lsISBNdigital
ISBN for the digital version
Default value: 000-0-000000-00-0

5.3.7 \lsISBNhardcover
ISBN for the hardcover version
Default value: 000-0-000000-00-0

5.3.8 \lsISBNsoftcover
ISBN for the softcover version
Default value: 000-0-000000-00-0

5.3.9 \lsSeries
The series this book appears in. Use the acronyms found in langsci-series.def
Default value: eotms

5.3.10 \lsSeriesNumber
Position of the book in its series
Default value: ??

5.3.11 \lsID
The numerical LangSci ID, used for various URLs
Default value: 000

5.4 Overrides
The following commands allow to override further default settings:
5.4 Overrides

5.4.1 \lsImpressionCitationAuthor
How the author name should be displayed in the impressum
Default value: Automatically inferred from \author{}, but sometimes things go wrong

5.4.2 \lsImpressionCitationText
Customize the full citation as displayed in the colophon. Useful for second editions
Default value: Automatically inferred from \author{} and \title{}

5.4.3 \papernote
Text displayed in the footer of chapters
Default value: Automatically inferred from volume and chapter metadata

5.4.4 \lsChapterFooterSize
Font size for chapter footers
Default value: \small

5.4.5 \includespinelogo
The logo to be put on the spine
Default value: void

5.4.6 \includestoragelogo
The logo of the archiving institution
Default value: void

5.4.7 \includepublisherlogo
The publisher’s logo in the impressum
Default value: void

5.4.8 \includechapterfooterlogo
The logo to be used in chapter footers
Default value: void
5 Options

5.4.9 \publisherstreetaddress
the physical address of the publisher
Default value: void

5.4.10 \publisherurl
The web address of the publisher
Default value: void

5.4.11 \storageinstitution
Where the book is archived
Default value: void

5.4.12 \githubtext
Where the tex code of the book can be found
Default value: void

5.4.13 \paperhivetext
Where the book can be found on PaperHive
Default value: void

5.4.14 \lsURL
Where the book can be found on the publisher’s site
Default value: void

5.5 Command redefinitions

Redefine the following commands to further alter the appearance:

5.5.1 \CoverTitleSizes
Set custom fontsize #1 and baselineskip #2 for title on cover
Default value: 52pt, 16.75mm
5.5 Command redefinitions

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

5.5.3 \lsBackTitleFont
Font used for title on back cover
Default value: \sffamily\addfontfeaturesScale=MatchUppercase\fontsize{25pt}{10mm}\selectfont

5.5.4 \lsCopyright
Choice of licence
Default value: CC-BY

5.5.5 \lsCoverAuthorFont
Font for author/editor on cover
Default value: \fontsize{25pt}{12.5mm}\selectfont

5.5.6 \lsCoverSubTitleFont
Font for the subtitle
Default value: \sffamily\addfontfeatures{Scale=MatchUppercase}\fontsize{25pt}{10mm}\selectfont

5.5.7 \lsCoverTitleFont
Font for the title
Default value: \sffamily\addfontfeaturesScale=MatchUppercase\fontsize52pt17.25mm\selectfont

5.5.8 \lsEditorPrefix
How editors are indicated on title page. Useful for localization.
Default value: \LARGE Edited by\

5.5.9 \lsEditorSuffix
How editors are indicated in the colophon
Default value: (ed.)/(eds.)
5 Options

5.5.10 \lsLanguageIndexTitle
The title of the language index. Change this for non-English works
Default value: Language index

5.5.11 \lsNameIndexTitle
The title of the name index. Change this for non-English works
Default value: Name index

5.5.12 \lsSubjectIndexTitle
The title of the subject index. Change this for non-English works
Default value: Subject index

5.5.13 \lsYear
Year of publication
Default value: \the\year

5.6 Additions

5.6.1 \lsAdditionalFontsImprint
Add additional fonts to the list of fonts in the colophon
Default value: void

5.6.2 \lsImpressumExtra
for legal notes required for revised theses (“... in fulfillment of ... “)
Default value: void