The langscibook LaTeX class

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Language Science Press Guidelines

language
science
press

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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
- 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 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

- 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). 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 `\shorttitlerunninghead` for chapters with very long titles.

5 Creating a dust jacket

Use the option `coverbodhc`, `coverbodsc` or `covercreatespace` and set the option `spinewidth`. Run XeLaTeX 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 `biblatex`

Use BibLaTeX
Default value: `true`

6.1.2 `bibtex`

Use Bibtex
Default value: `false`

6.1.3 `collection`

Make the book an edited volume
Default value: `false`

6.1.4 `collectionchapter`

Add numeric chapter prefix to each contribution.
Default value: `false`

6.1.5 `collectiontoclong`

More detailed table of content in edited volumes
Default value: `false`

6.1.6 `draftmode`

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

6.1.7 `openreview`

Switch to open review mode
Default value: `false`

6.1.8 `modfonts`

Use modified fonts provided by Language Science Press
Default value: `false`

6.1.9 `multiauthors`

Set editor suffix to eds. instead of ed.
Default value: `false`

6.1.10 `newtxmath`

Switch math fonts to newtxmath
Default value: `false`

6.1.11 `nobabel`

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

6.1.12 `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`

6.1.13 `showindex`

Show indexed terms in margin
Default value: `false`

6.1.14 `smallfont`

Use a smaller font for books above 500 pages
Default value: `false`

6.1.15 `undecapitalize`

Do not decapitalize titles in the list of references
Default value: `false`

6.2 String options

6.2.1 `output`

Different output formats
Default value: `book`

- `book`: The book with frontcover and backcover
- `inprep`: Mark manuscript as in preparation
- `paper`: Contribution to edited volume
- `guidelines`: Choose color grey; condense frontmatter
- `coverbodsc`: 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
- `spinewidth`The width of the spine (for cover creation)

6.2.2 `copyright`

The license chosen
Default value: `"CC-BY"`

6.2.3 `biblatexbackend`

The backend of BibLaTeX
Default value: `"bibtex"` Alternative: `biber`

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: `Europan 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 pronunciation 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 \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`

6.3.11 \SeriesNumber

Position of the book in its 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 \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 \lsFontsize

size of main font
Default value: 11pt

6.5.10 \lsImpressumCitationText

custom citation text, useful for including notes etc.
Default value: computed from author and title fields

6.5.11 \lsISSN

ISSN of the series
Default value: ??

6.5.12 \lsLanguageIndexTitle

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

6.5.13 \lsNameIndexTitle

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

6.5.14 \lsSpineAuthorFont

Font for the author on the spine
Default value: \fontsize{16pt}{14pt}\selectfont

6.5.15 \lsSpineTitleFont

Font for the title on the spine
Default value: `\sffamily\fontsize{18pt}{14pt}\selectfont`

6.5.16 \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