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 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-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 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

- 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 `\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}
}{}
```

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 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 `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 `newtxmath`

Switch math fonts to newtxmath
Default value: `false`

6.1.7 `nobabel`

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

6.1.8 `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`

6.1.9 `showindex`

Show indexed terms in margin
Default value: `false`

6.1.10 `smallfont`

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

6.1.11 `chinesefont`

Load fonts for Chinese and update font info in colophon
Default value: `false`

6.1.12 `japanesefont`

Load fonts for Japanese and update font info in colophon
Default value: `false`

6.1.13 `hebrewfont`

Load fonts for Hebrew and update font info in colophon
Default value: `false`

6.1.14 `arabicfont`

Load fonts for Arabic and update font info in colophon
Default value: `false`

6.1.15 `syriacfont`

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
- `inprep`: Mark manuscript as in preparation
- `paper`: Contribution to edited volume
- `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 `spinewidth`

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: `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 `\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

6.4.3 `\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: `\includegraphics{\logopath langsci_spinelogo_nocolor}`

6.4.8 `\includestoragelogo`

The logo of the archiving institution
Default value: `\includegraphics[width=5cm]{\logopath storagelogo.pdf}`

6.4.9 `\includepublisherlogo`

The publisher's logo in the impressum
Default value: `\includegraphics{\logopath langsci_logo_nocolor.pdf}`

6.4.10 \includechapterfooterlogo

The logo to be used in chapter footers
Default value: `\includegraphics{\logopath langsci_spinelogo_nocolor.pdf}`

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 `\lsAdvertisement`

Specify the advertisement on the last page of the book
Default value: `\include{\logopath didyoulikethisbook}`

6.5.3 `\lsBackBodyFont`

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

6.5.4 `\lsBackTitleFont`

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

6.5.5 `\lsCopyright`

Choice of licence
Default value: `CC-BY`

6.5.6 `\lsCoverAuthorFont`

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

6.5.7 `\lsCoverSubTitleFont`

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

6.5.8 `\lsCoverTitleFont`

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

6.5.9 `\lsEditorPrefix`

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

6.5.10 `\lsEditorSuffix`

How editors are indicated in the colophon
Default value: `(ed.)/(eds.)`, depending on the value of the option `multiauthors`

6.5.11 `\lsFontsize`

size of main font
Default value: `11pt`

6.5.12 `\lsImpressumCitationText`

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

6.5.13 `\lsISSN`

ISSN of the series
Default value: `??`

6.5.14 `\lsLanguageIndexTitle`

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

6.5.15 `\lsNameIndexTitle`

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

6.5.16 `\lsSpineAuthorFont`

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

6.5.17 `\lsSpineTitleFont`

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

6.5.18 `\lsSubjectIndexTitle`

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

6.5.19 `\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`