Wiley Authoring Template Guidance

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Version History

S. No.	Status	Version	Author	Date	Changes
1	Draft	v0.0.0	parvathi.dhanakotti@luminad.com	22-04-2025	First draft
2	2nd Draft	v0.0.1	parvathi.dhanakotti@luminad.com	25-04-2025	Added new features
3	3rd Draft	v0.0.2	parvathi.dhanakotti@luminad.com	06-05-2025	Fine-tuned the document
4	4th Draft	v0.0.3	parvathi.dhanakotti@luminad.com	16-05-2025	Gathered Do's and Don'ts
5	5th Draft	v0.0.4		20-05-2025	Incorporated Do's and Don'ts
6	6th Draft	v0.0.5	parvathi.dhanakotti@luminad.com	28-05-2025	Slight changes done in version

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Wiley Authoring Template Guidance

1. Introduction

The Wiley LaTeX package assists in preparing manuscripts for Wiley with LaTeX. It adapts LaTeX's standard book class to meet some requirements for Wiley books and provides a generic layout.

The package provides the following files:
- AuthoringTemplate_Manual.pdf
- Sample1.tex (the LaTeX master file, to be used as a template for the chapter-end bibliography)
- Sample1.pdf (for reference)
- Sample2.tex (the LaTeX master file, to be used as a template for the book-end bibliography)
- Sample2.pdf (for reference)
- Wiley-AuthoringTemplate.sty (the LaTeX style file providing adaptations for Wiley books and producing the layout)
- mathexamples.tex
- mathexamples.pdf (for reference)

This documentation is not intended to give an introduction to LaTeX. For questions concerning TeX systems/installations or the LaTeX markup language in general, please visit www.tug.org/www.dante.de, uk.tug.org, or any other TeX user group worldwide. For online technical support during manuscript preparation and delivery, please contact Lumina Datamatics Wiley LaTeX Support at BooksLaTeXSupport@wiley.com.

2. Do's and Don'ts for Wiley Authoring Template

✅ Do's

Please strictly follow the Wiley Standard Authoring Template Sample Setup throughout your project to ensure consistency. Below are key Do's to follow:

1. Include only the packages and macros provided in the Wiley Standard Authoring Template Sample Setup.
2. Maintain the coding structure for all elements exactly as demonstrated in the Wiley Standard Authoring Template Sample Setup.
3. Always use the LaTeX default book.cls file in combination with Wiley-AuthoringTemplate.sty for manuscript preparation.
4. Use LaTeX default codings for both inline and display equations.
5. For any additional elements or style requirements and technical assistance, contact us via email at BooksLaTeXSupport@wiley.com.

✖ Don'ts

Avoid making any customizations beyond the instructions outlined in the Wiley Standard Authoring Template Manual. Below are examples of actions to avoid:

1. Do not include additional packages in the main or header .tex files.
2. Do not define any stylistic environments in the main or header .tex files.
3. Do not focus on the PDF design style of the elements. Instead, focus only on ensuring the content within each element that follows the structure and guidelines outlined in the Wiley Standard Authoring Template Sample Setup.
4. Do not use customized class files when creating the manuscript.
5. Do not alter the standard Wiley-AuthoringTemplate.sty file.
6. Avoid using pagination or stylistic commands such as \break, \pagebreak, \vspace, etc.
7. Avoid manually formatting figures, tables, or other elements using codings \begin{minipage}…\end{minipage}, \begin{center}…\end{center} and \begin{multicols}{2}…\end{multicols}.
8. Do not use customized index coding; always use LaTeX's default \index{} command.
9. Do not customize equation coding; follow the default structure for both inline and display equations.
10. Do not use font-related packages such as mtpro2.sty, mathptmx.sty, times.sty, etc., in the preamble (before \begin{document}).

3. Package Characteristics

The Wiley standard template is designed to anticipate as many style element needs as possible. Authors should not create or use additional custom styles. The Wiley authoring template provides more elements than are typically required.

4. How to Use the Package

We suggest employing a recent LaTeX installation, like MiKTeX 22.1 or greater or TeXLive 2024 or greater.

To use the Wiley authoring template, put all the package files in your working directory. Based on your requirement, edit the file "sample1.tex/sample2.tex" in your preferred text editor and run LaTeX as usual. (See the following section for more detailed advice.)

As already mentioned, the resulting layout will not reflect the finished page design of the final book.

Note that you are not responsible for the final page layout. It is not necessary (and even undesirable) to do any fine-tuning with commands like \break, \pagebreak, \vspace, etc. Please use semantic markup as far as possible and avoid additional formatting commands.

5. Package Features and Some Important Settings

4.1 Language

The document language is chosen in the optional argument of the \documentclass command in the LaTeX master file. Suitable values are USenglish, UKenglish, ngerman and many others. (Note that the Wiley authoring template passes English as a kind of fallback language to the Babel package.)

4.2 Input Encoding

LaTeX understands different input encodings (i.e., file encodings). You can choose an input encoding according to your operating system, your editor or your personal preference. The encoding is set with the optional argument when invoking the inputenc package. Possible values are, e.g., utf8, latin1 and ansinew.

4.3 Fonts

Fonts are intellectual property and as such require a license to be obtained for anything that is not personal or non-commercial use. All Wiley publishing is defined as commercial.

How Does This Affect Me As an Author?

When you supply any material containing specific or specialist fonts to be used in its final published form, such as artwork in its final form, not to be redrawn by Wiley or text material using specialist fonts—typically math, computer code or linguistics content—you must abide by our font policy.

By using the fonts supplied in the Wiley Authoring Template, we will make sure that the final version uses compliant fonts.

For more about Wiley's font policy see: http://olabout.wiley.com/WileyCDA/Section/id-828141.html

Text fonts

Unlike the final print version, the Wiley Authoring Template package uses non-commercial fonts. These fonts are free versions of the PostScript standard fonts "Computer Modern" and are supplied as part of all standard TeX distributions. There should be no need to make font changes, as the template uses commonly used fonts that are approved by Wiley.

Math fonts

The standard Computer Modern math fonts are used. If you are unhappy with the Computer Modern math fonts, feel free to add math font packages. But note that even standard math font packages may have some deficiencies.

The Wiley Authoring Template uses the package "amssymb." Other symbol packages may be added, of course, but please inform your Wiley contact if you wish to do so. Moreover, the script math alphabet is provided with the help of the eucal package.

4.4 No Running Titles; Info Line

The insertion of running titles at the head of the page is switched off for manuscript production; the running headers are reduced to the page numbers.

4.5 Mathematical Formulae

The amsmath package is preloaded, and you are strongly encouraged to use the markup it provides instead of old-style standards like the eqnarray environment or the \over command. Feel free to add further AMS packages. We have provided samples for different kinds of alignment within equations (see mathexamples.tex and mathexamples.pdf). Do not use manual skips to align an equation. Instead, we request that you use appropriate equation tagging.

4.6 Boxes

The environment boxtype1 … boxtype10 is to get the different background colors and different types of boxes with various types of box headings. These boxes can run over more than one page. The sample for this is provided in the AuthoringTemplate_Manual.pdf.

4.7 Algorithms

The algorithm section uses certain algorithm packages in the Wiley-AuthoringTemplate, with LaTeX code provided with different styles (with line numbers, without line numbers, etc.). For samples, please refer to the Authoring Template Manual.

4.8 Marginal Text and Logos

We have included the style for marginal text and logos by using the LaTex Coding \marginnote{} at any place (inside the boxes, heading levels, normal para, etc.) For samples, please refer to the Authoring Template Manual.

4.9   Multipart images

We have included a feature for multipart images to get the individual labels for each image and a common figure caption with numbering sequence using \subfigure tag. For samples, please refer to the Authoring Template Manual.

4.10 Graphics

The standard interface for graphic inclusion is the \includegraphics command provided by the graphicx package. The package knows the option "draft" which (temporarily) switches off graphic inclusion (this may save processing time when generating PostScript or PDF output). Note that the \graphicspath command allows the user to declare one or more folders where the graphic package searches for the image files. Hence it is not necessary to write the path into each \includegraphics command.

Image File Specifications

An image file must be supplied for every image within the PDFs: illustrations, graphs, photos, screenshots, screenshots with labels, etc.

Submit your images according to the following image file specifications:
- Images must be submitted in one of the following formats: EPS, TIFF, PNG, JPEG, PSD, or AI.
- All files must be named with the appropriate file extension.
- Files that utilize the Alpha channel should be delivered to Wiley with the Alpha channel enabled. That is, layered images should not be flattened.
- All files must use the CMYK color space. This is true even for black & white images and for online-only images.
- EPS files must have all fonts embedded (partial font embedding is OK).
- The image files submitted must be at actual size—in the case of images used in print, the actual printed size.
- The image files submitted should be at 300 DPI or higher.
- Images must be supplied in the proper orientation.
- All EPS files must adhere to the Adobe EPS File Format Specification (http://partners.adobe.com/public/developer/en/ps/5002.EPSF_Spec.pdf). If there is doubt about the suitability of an EPS image, we recommend opening it in Ghostscript/Ghostview (http://pages.cs.wisc.edu/~ghost/).

4.11 Tables

Preloaded packages are: the array package (for introducing new column types), the multirow package (row spanning cells) and the tabularx package (automatic column width calculation).

Because the table layout requires horizontal but forbids vertical lines, the booktabs package is also preloaded. The use of its commands \toprule, \midrule, and \botrule is recommended because they clarify the logical separation of the table head and the table body. (The typesetter will use this later to automatically set the table head with a bold font.)

4.12 Rotating Floats

The preloaded rotating package provides the two environments "sidewaysfigure" and "sidewaystable". They allow the rotation of floating objects.

4.13 Bibliography

Wiley recommends using the standard bibliography mechanism. You might copy and paste your bibliography entries from elsewhere into the bibliography environment or, more elegant, use BibTeX. For BibTeX, the Wiley Authoring Template package provides the necessary files.

The natbib package is preloaded, so commands like \citet, \citep, etc. can be used. Feel free to add package options as follows in the preamble:

> \usepackage[numbers]{natbib} – for Numbered References
> Or
> \usepackage[authoryear]{natbib} – for NameDate references

The following must be done in order to use BibTeX databases:

- ❑ Select the desired bibliography style (either numerical citation or author–year citation) in the document preamble using \bibliographystyle.
- ❑ Insert the \bibliography{bibfile} command in the document where the bibliography should appear.
- ❑ Use \cite (and similar commands like citep) in the main text. For more citation options please see natbib package.
- ❑ To get a bibliography for each chapter do the following:
  - o Make sure that each chapter is included in the main document with the \include command.
  - o Each chapter file must contain its own \bilbiographystyle and its own \bibliography command.
  - o Add \usepackage{chapterbib} in the document preamble.
  - o Use the options sectionbib and authoryear/numbers for the natbib package.
  - o To generate a chapter-end bibliography, follow the below steps:
    - ▪ LaTeX sample1
    - ▪ LaTeX sample1
    - ▪ LaTeX sample1
    - ▪ bibtex ch01
    - ▪ bibtex ch02

- makeindex sample1
- LaTeX sample1
- LaTeX sample1
- LaTeX sample1

Note: We need to run BibTeX for each chapter separately.

❑ To get bibliography at the end of the book:

- No need to include "chapterbib" package.
- Use only authoryear/numbers option for the natbib package.
- No need to include \bibliographystyle. Include only \bibliography{<bib-file> command at the end of the book
- To generate a book-end bibliography, follow the below steps:

  - LaTeX sample2
  - LaTeX sample2
  - LaTeX sample2
  - bibtex sample2
  - makeindex sample2
  - LaTeX sample2
  - LaTeX sample2
  - LaTeX sample2

4.14 Index

The basic auxiliary program for index generation is Makeindex. The Wiley authoring package provides the Makeindex style (makeindex sample1).

If you need a more elaborate index generation (e.g. for better alphabetical sorting in German books) you might prefer the program "Xindy". The corresponding style file is wiley.xdy. To use Xindy, type

texindy -M wiley main.idx **(or)** for German books texindy -g -M wiley main.idx

6. Adding Further Packages and New Macros

To avoid incompatibility with the Wiley Authoring Template, please use only the standard book.cls.

Please utilize the Wiley Authoring Template to the maximum, rather than adding further packages. If you need extra structural markup, please inform your Wiley contact. Packages that only "enhance" the layout are not recommended. The same holds true for newly introduced macros: Please concentrate on logical markup instead of formatting. This will ease the (cross-media) production of your book and will avoid misinterpretation of your LaTeX code.

Happy TEXing!

[Please address your questions and comments to: Lumina Datamatics Wiley LATEX Support at BooksLaTeXSupport@wiley.com.]