



Minimal Books

Manual

Simple and complete books without introducing new syntax.

min-book

0.1.0

MIT

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QUICK START

```
#import "@local/min-book:0.1.0": book
#let book.with(
  title: "Example Book",
  author: "Your Name",
  cover: image("data/cover.jpeg"),
)
```

DESCRIPTION

Generate complete and complex books, without any annoying new commands or syntax, just good old pure Typst. All the magic occurs in initialization: you set it with the right options, and the package will manage all formatting and structuring all by itself — as it should be.

While it makes it possible to play with some complex book structures like *parts* and *chapters*, and creative numberings, this package comes with a lot of ready-to-go defaults; so its really up to you to customize it your way or ride along the defaults and just start writing: both ways are possible and encouraged.

This manual will be updated only when new versions break or modify something; otherwise, it will be valid to all newer versions starting by the one documented here.

*<https://github.com/mayconfmelo>

OPTIONS

Those are the full list of options available and its default values:

```
#import "@preview/min-book:0.1.0": book
#show: book.with(
  title: none,
  subtitle: none,
  authors: none,
  date: auto,
  cover: none,
  titlepage: true,
  part: "Part",
  chapter: "Chapter",
  numbering-style: none,
  toc: true,
  paper: "a5",
  lang: "en",
  justify: true,
  line-space: 0.5em,
  par-margin: 0.75em,
  first-line-indent: 1em,
  margin: 15%,
  font: ("Book Antiqua", "Times New Roman"),
  font-size: 11pt,
)
```

Seems like an awfull lot to start with, but let's just break down all this to understand it better, shall we?

title: string content *(required)*

The main title of the book.

subtitle: string content none

The book subtitle; generally two lines long or less.

authors: string array *(required)*

A string or array containing the name of each author of the book, in format (NAME, NAME).

date: array auto

The book publication date, in format (yyyy, mm, dd). Fallback to current date if not set, or set to auto.

cover: image content none

The book cover. Instead of using a image, it is possible to create the cover using a content block.

titlepage: boolean content

The page after the cover; by default, contains the title, subtitle, author, and year of publication. It is possible to create the titlepage using a content block.

part: string none

The name given to the book's main divisions — something like LaTeX's `\part` command.

chapter: string none

The name given to the book's main sections — something like LaTeX's `\chapter` command.

numbering-style: array string none

Defines a custom heading numbering. Can be a standard numbering string, or a *numbly*¹ numbering array in more complex cases.

toc: boolean

Defines whether the book will have a table of contents or not.

paper: string

Defines the page paper type — and its size therefore.

lang: string

Defines the language of the written text.

justify: boolean

Defines if the text will have justified alignment.

line-space: length

Defines the space between lines in the document.

par-margin: length

Defines the margin space after each paragraph. Set it the same as `line-space` to remove get paragraphs without additional space in between.

¹<https://typst.app/universe/package/numbly>

first-line-indent: length

Defines the first line indentation of all paragraphs, but the first one, in a sequence of paragraphs.

margin: length

Defines the document margins.

font: string array

Defines the font families used for the text: a principal font and its fallbacks.

font-size: length

Defines the size of the text in the document.

BOOK PARTS

Some larger books are internally divided into multiple *parts*. This feature allows to better organize and understand a text with multiple sequential plots, or tales, or time jumps, or anything that internally differentiate parts of the story. While the name used here is *part*, different books use different names for it: parts, subjects, books, acts, etc.

Parts are used in a smart way: when enabled, every level 1 headings are turned into *book parts* automatically. To enable, just give a string value to the part argument; and to disable it, set to none:

```
// Enable part with name "Act":
#show: book.with(
  part: "Act",
)
```

= This is Act 1

```
// Disable part to turn it back to normal.
#show: book.with(
  part: none,
)
```

= This is a normal level 1 heading

BOOK CHAPTERS

In most cases, books are divided into smaller sections called chapters. Generally, each chapter contains a single minor story, or event, or scene, or any type of subtle plot change.

Chapters are used in a smart way, too, depending of the use of *book parts*: if *parts* are enabled, every level 2 headings are turned into *book chapters*; but if *parts* are disabled, all level 1 headings are turned into *book chapters*. Seems complex, but it turns to be very intuitive:

```
// Book with parts and chapters:
#show: book.with(
  part: "Act",
  chapter: "Scene",
)
```

= This is Act 1

== This is Scene 1

```
// Book with just chapters:
#show: book.with(
  part: none,
  chapter: "Scene"
)
```

= This is Scene 1

```
// Book with no part, nor chapter:
#show: book.with(
  part: none,
  chapter: none,
)
```

= This is a level 1 heading

== This is a level 2 heading

ADVANCED NUMBERING

The book headings can be numbered two ways: using a standard numbering string, or a *numbly*² numbering array. While numbering strings are indicated for simpler cases, the numbly arrays are used in more complex book numberings.

By default, when the book have *parts* enabled, the following numbering is used:

```
(
  "{1:I}:",
  "{2:I}.",
  "{2:I}.{3:1}.",
  "{2:I}.{3:1}.{4:1}.",
  "{2:I}.{3:1}.{4:1}.{5:1}.",
  "{2:I}.{3:1}.{4:1}.{5:1}.{6:a}."
)
```

But when the *parts* are disabled, the following numbering is used:

```
(
  "{1:I}.",
  "{1:I}.{2:1}.",
  "{1:I}.{2:1}.{3:1}.",
  "{1:I}.{2:1}.{3:1}.{4:1}.",
  "{1:I}.{2:1}.{3:1}.{4:1}.{5:1}.",
  "{1:I}.{2:1}.{3:1}.{4:1}.{5:1}.{6:a}."
)
```

Additionally, a `numbering-style` argument can be set to override these default numberings above.

ADDITIONAL FEATURES

As said before, this package does not introduce any new syntax nor commands to write a complete book. But, well... it does offers some additional commands. These are completely optional and are available only by explicit import, separate from the book main function:

NOTES

Adds endnotes to the book. Endnotes are more common in books than footnotes, and while footnotes appear at the footer of the same page, endnotes appears at its own page at the end of the current section, right before the next heading:

²<https://typst.app/universe/package/numbly>

```
#import "@preview/min-book:0.1.0": note
```

= Current heading

This text have a endnote#note[This is a endnote]

// The endnote will automatically appear here.

= Next heading

HORIZONTAL RULE

Adds horizontal rules, used to separate suble changes of subject in book texts. Can be called by its name or its alias:

```
#import "@preview/min-book:0.1.0": horizontalrule, hr
```

This text have a subject.

```
#horizontalrule()
```

This text have another subject.

```
#hr()
```

And this text have some other subject.

This command have the following optional arguments:

symbol: [`#sym.ast.op` `#sym.ast.op` `#sym.ast.op`] `content`

Defines the content at the center of the horizontal rule. By default, its line is struck by three * in its center.

spacing: `1em` `length`

Defines the vertical space before and after the horizontal rule.

line-size: `15%` `length`

Defines the size of the horizontal rule line.

BLOCKQUOTE

Adds a block version of the quote command. In fact, it is just a simple wrapper of `quote(block: true)` with some modifications:

```
#import "@local/min-book:0.1.0": blockquote

#blockquote(by: "Einstein")[
  Don't believe everithing you read on the internet.
]
```

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