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Writing pages

Pages are written in Markdown, like the rest of the website: everything Markdown extensions render can be printed.

Text and lists

Paragraphs flow from one page to the next, and lists keep their numbering:

1. Write the page in Markdown.
2. Build the website with `mkdocs build`.
3. Download the PDF document of the page.

Text can be **bold**, *italic*, `code`, or a link to another page, which points to that page in the combined document.

Footnotes

Footnotes are listed at the end of the page.[1]

Code

Code blocks are highlighted, and continue on the next page when they are long:

```
from pathlib import Path


def documents(site: Path) -> list[Path]:
    """The PDF documents of a built website."""

    return sorted(site.rglob("*.pdf"))


for document in documents(Path("site")):
    print(document)
```

Admonitions

Note

Admonitions are printed like on the website.

Collapsed blocks

Collapsed blocks are opened in documents, so that nothing is missing.

Tabs

Every tab is printed, with its label:

Material

The `material` theme has dedicated support.

Read the Docs

The `readthedocs` theme has dedicated support too.

Other themes

Other themes are supported on a best-effort basis.

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1. Footnotes of different pages don't mix in the combined document. ↩

Printing pages

Documents are laid out by the browser: CSS rules decide the size of pages and what they show.

Page size and margins

A stylesheet applied to documents only sets the size of pages and their margins:

```
@page {
  size: A4;
  margin: 2.2cm 2cm;
}
```

Headers and footers

Headers and footers show the website's name, the page's title or its current section, and page numbers:

Placeholder	Value
`{site_name}`	The name of the website
`{page_title}`	The title of the page
`{section}`	The current section of the page
`{page}`	The page number
`{pages}`	The number of pages

Cover pages

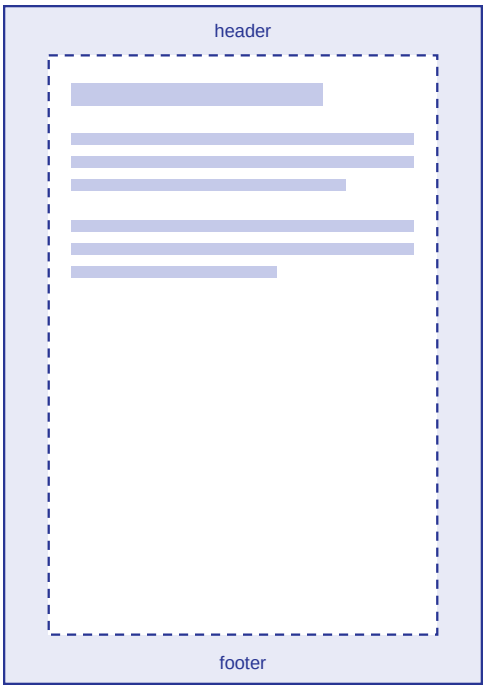
Cover pages are templates, rendered for every page: the front cover of this document shows the page's title on a page of its own color.

Front cover

The front cover is the first page of each document.

Back cover

The back cover ends each document; in the combined document, only the first front cover and the last back cover are kept.



Paper sizes

The size of pages is set by the `size` property of `@page` rules, with a keyword or two lengths, optionally followed by an orientation (`portrait` or `landscape`).

Common sizes

Name	Width (mm)	Height (mm)	Width (in)	Height (in)	Width (pt)
A3	297	420	11.69	16.54	842
A4	210	297	8.27	11.69	595
A5	148	210	5.83	8.27	420
B4	250	353	9.84	13.90	709
B5	176	250	6.93	9.84	499
JIS B4	257	364	10.12	14.33	729
JIS B5	182	257	7.17	10.12	516
Letter	216	279	8.50	11.00	612
Legal	216	356	8.50	14.00	612
Ledger	279	432	11.00	17.00	792

Custom sizes

Any size can be given as a width and a height:

```
@page {
  size: 6in 9in;
}
```

Documents can mix sizes and orientations: pages are printed one by one, each with its own size.

Glossary

Pages

Bleed

> Artwork extending beyond the edge of the page, so that nothing white remains once it is trimmed.

Margin box

> One of the sixteen boxes around the page area, holding headers, footers and page numbers (CSS Paged Media).

Named page

> A kind of page, selected by the `page` property and styled by `@page` rules of the same name.

Recto and verso

> The right-hand (odd) and left-hand (even) pages of a book.

Text

Running head

> A header repeating the title of the current chapter or section.

Widows and orphans

> Lines of a paragraph left alone at the top or at the bottom of a page, limited by the `widows` and `orphans` properties.