examples

NAME

examples - Examples

DESCRIPTION

Each example is a small project printing the same website, the Field Guide: five pages written with Material for MkDocs. Click a preview to open its document at that page. The files shown are the ones the pictured documents are generated from, and the examples are built by the tests of the plugin, so they keep working.

SECTIONS

01 The Field Guide
02 Themes
03 Content
04 Recipes

SEE ALSO

page-numbers, cover-pages, a-printed-book, paper-size-and-landscape-pages, print-styles, one-document-per-section

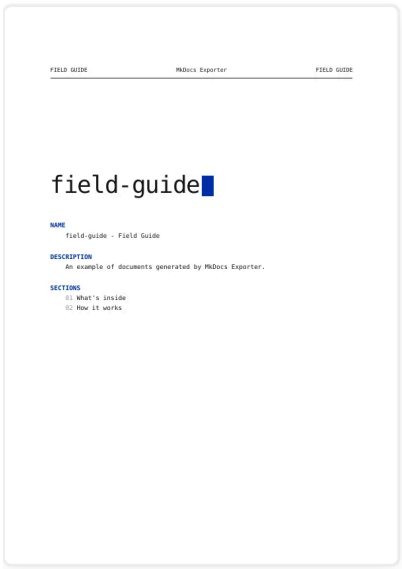
Examples

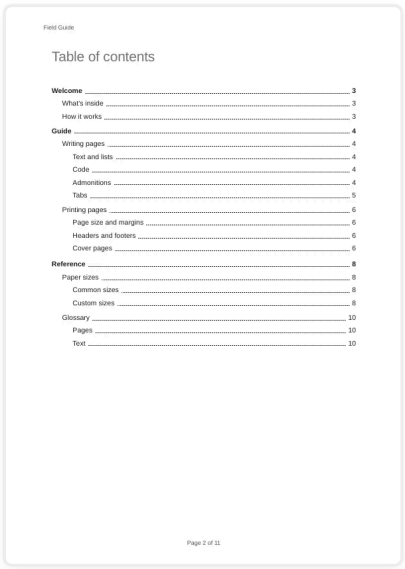
Each example is a small project printing the same website, the *Field Guide*: five pages written with Material for MkDocs. Click a preview to open its document at that page. The files shown are the ones the pictured documents are generated from, and the examples are built by the tests of the plugin, so they keep working.

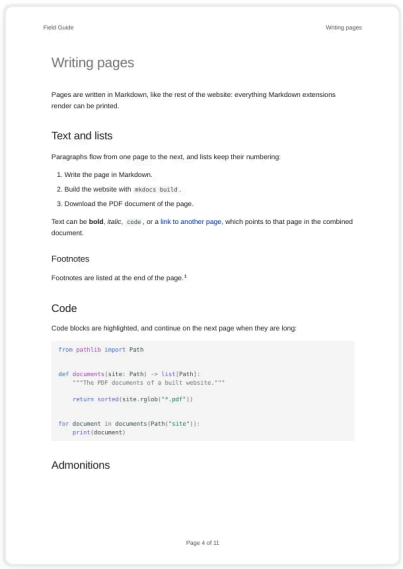
Their `mkdocs.yml` only shows what they add to the website's settings, shared by every example (`examples/base.yml`).

The Field Guide

A complete example: every page gets a document with a cover, a table of contents and headers and footers, and the pages are combined into a single document.







field-guide.pdf **Browse the project**

`mkdocs.yml`

```yaml
plugins:
  - exporter:
      formats:
        pdf:
          stylesheets:
            - pdf.css
          covers:
            front: covers/front.html.j2
            back: covers/back.html.j2
          header:
            left: "{site_name}"
            right: "{section}"
          footer:
```

```
            center: "Page {page} of {pages}"
          toc:
            enabled: true
            depth: 3
          books:
            - output: field-guide.pdf
              covers: limits
              toc:
                enabled: true
```

pdf.css

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

.md-typeset {
  font-size: 10.5pt;
}
```

covers/front.html.j2

```
<style data-mkdocs-exporter-teleport="head">
  @page :first {
    margin: 0;
  }

  .manual {
    break-after: page;
    padding: 2cm 2cm 0;
    color: #1a1a1a;
    font-family: "DejaVu Sans Mono", Menlo, Consolas, monospace;
    font-size: 9.5pt;
    line-height: 1.6;

    .header {
      display: flex;
      justify-content: space-between;
      padding-bottom: 0.2cm;
      border-bottom: 1px solid;
      font-size: 8.5pt;
    }

    .name {
      margin: 5cm 0 1.2cm;
      font-size: 36pt;
      line-height: 1.1;
      letter-spacing: -0.03em;

      /* A cursor after the name */
      &::after {
        content: "";
        display: inline-block;
        width: 0.5em;
        height: 0.85em;
        margin-left: 0.1em;
```

```
        vertical-align: -0.1em;
        background: #002fa7;
      }
    }

    .label {
      margin-top: 0.6cm;
      color: #002fa7;
      font-weight: 700;
    }

    .text {
      padding-left: 4ch;
    }

    .number {
      color: #9e9e9e;
    }
  }
</style>
{% set home = page.is_homepage %}
{% set name = (config.site_name if home else page.title) | lower | replace(" ", "-") %}
{% set toc = page.toc | list %}
{% set sections = toc[0].children if toc and toc[0].level == 1 else toc %}
{% set related = (page.parent.children | rejectattr("url", "equalto", page.url) | list)
if page.parent else [] %}
<div class="manual">
  <div class="header">
    <span>{{ config.site_name | upper }}</span>
    <span>{{ page.parent.title if page.parent else config.site_author }}</span>
    <span>{{ config.site_name | upper }}</span>
  </div>
  <div class="name">{{ name }}</div>
  <div class="label">NAME</div>
  <div class="text">{{ name }} - {{ config.site_name if home else page.title }}</div>
  <div class="label">DESCRIPTION</div>
  <div class="text">{{ config.site_description if home else page.meta.description }}
</div>
  {% if sections %}
  <div class="label">SECTIONS</div>
  <div class="text">
    {% for section in sections %}
    <div><span class="number">{{ "%02d" | format(loop.index) }}</span> {{ section.title
}}</div>
    {% endfor %}
  </div>
  {% endif %}
  {% if related %}
  <div class="label">SEE ALSO</div>
  <div class="text">
    {% for other in related %}{{ other.title | lower | replace(" ", "-") }}{{ ", " if
not loop.last }}{% endfor %}
  </div>
  {% endif %}
</div>
```

covers/back.html.j2

```
<style data-mkdocs-exporter-teleport="head">
  /* A page of its own, without the header and the footer */
  @page colophon {
    @top-left {
      content: none;
    }

    @top-right {
      content: none;
    }

    @bottom-center {
      content: none;
    }
  }

  .colophon {
    page: colophon;
    padding-top: 18cm;
    color: #1a1a1a;
    font-family: "DejaVu Sans Mono", Menlo, Consolas, monospace;
    font-size: 9pt;
    line-height: 1.6;

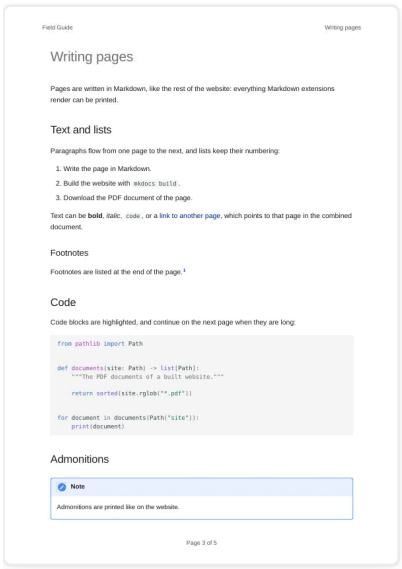
    .label {
      color: #002fa7;
      font-weight: 700;
    }

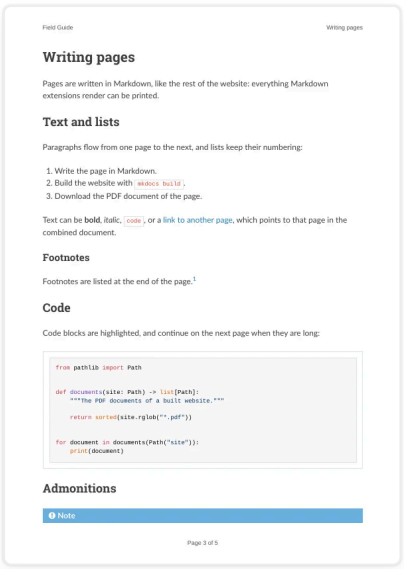
    .text {
      max-width: 13cm;
      padding-left: 4ch;
    }
  }
</style>
<div class="colophon">
  <div class="label">COLOPHON</div>
  <div class="text">
    {{ config.site_name }}: {{ config.site_description }}
    Printed by MkDocs Exporter.
  </div>
</div>
```

- The front cover is laid out like a manual page, from the page itself: its title (`page.title`), its description (`page.meta.description`), its sections (`page.toc`) and the other pages of its section (`page.parent.children`).
- The front cover of the home page is the cover of the book (`covers: limits`): on that page, the template shows the website's name and description instead (`page.is_homepage`).
- The back cover is printed on a named page (`page: colophon`), which leaves out the header and the footer itself (`content: none` for each of them): the plugin only leaves them out of its own cover pages.

Themes

The same page, printed with the `material` and `readthedocs` themes:





guide/writing/index.pdf (field-guide)

guide/writing/index.pdf (field-guide-readthedocs)

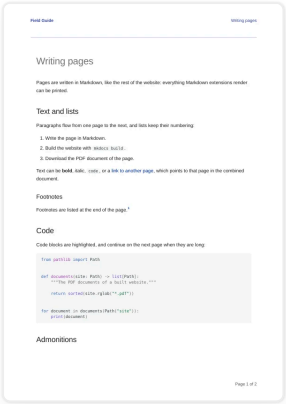
Other themes are supported on a best-effort basis: their navigation is hidden by generic rules, which a stylesheet can complete.

Content

How diagrams, mathematics and images are printed, with the configuration of this documentation (each page has a PDF document):

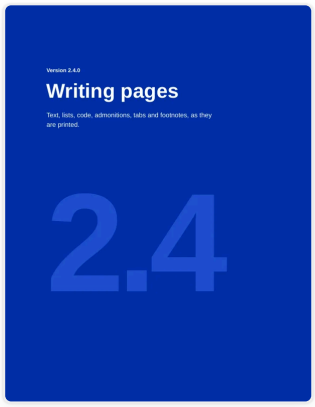
- Diagrams, drawn by Mermaid;
- Mathematics, typeset by MathJax and KaTeX;
- Multimedia: images, in various formats.

Recipes



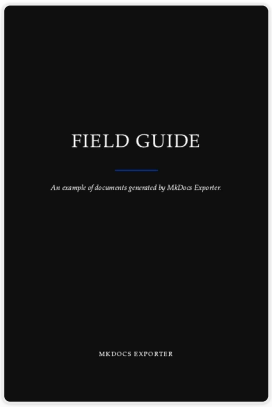
Page numbers

Headers and footers with the website's name, the current section and page numbers.



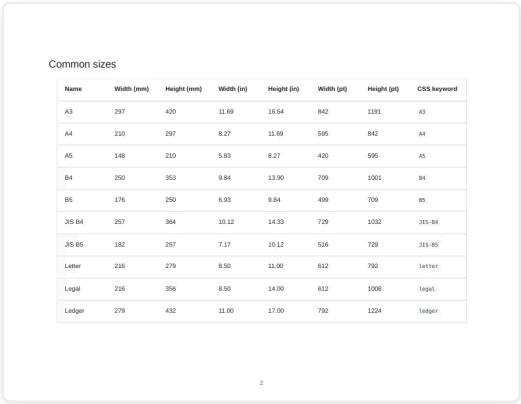
Cover pages

A full-bleed front cover showing the page's metadata, followed by a table of contents.



A printed book

Every page combined into a book, with a cloth-like cover, a table of contents, bookmarks and chapters starting on the right.



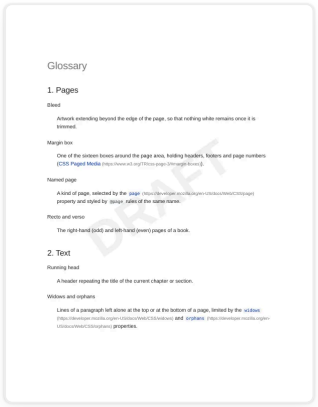
Common sizes

Name	Width (mm)	Height (mm)	Width (in)	Height (in)	Width (pt)	Height (pt)	CSS keyword
A3	297	420	11.69	16.54	842	1191	`A3`
A4	210	297	8.27	11.69	595	842	`A4`
A5	148	210	5.83	8.27	420	595	`A5`
B4	250	353	9.84	13.90	709	1001	`B4`
B5	176	250	6.93	9.84	499	709	`B5`
JIS B4	257	364	10.12	14.33	729	1032	`JIS-B4`
JIS B5	182	257	7.17	10.12	516	729	`JIS-B5`
Letter	216	279	8.50	11.00	612	792	`letter`
Legal	216	356	8.50	14.00	612	1008	`legal`
Ledger	279	432	11.00	17.00	792	1224	`ledger`

2

Paper size and landscape pages

US Letter pages, and landscape pages for wide tables.



Glossary

1. 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 (https://www.w3.org/TR/css-page-3/#margin-boxes)).

Named page

A kind of page, selected by the page (https://developer.mozilla.org/en-US/docs/Web/CSS/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.

2. 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 (https://developer.mozilla.org/en-US/docs/Web/CSS/widows) and orphans (https://developer.mozilla.org/en-US/docs/Web/CSS/orphans) properties.

DRAFT

Print styles

Numbered headings, the addresses of links, a watermark, and content for the website or documents only.

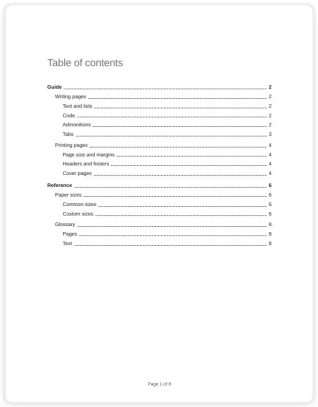


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One document per section

Several books, selecting pages with patterns.

COLOPHON

This document is a page of https://adrienbrignon.github.io/mkdocs-exporter/, printed by MkDocs Exporter 7.0.0 with Chromium.