

MkDocs to PDF

An MkDocs plugin to create a PDF

Dominic Walters

Copyright © 2020, orzih / 2024-2025, Dominic Adam Walters

Table of contents

1. MkDocs to PDF	3
1.1 Features	3
1.2 Examples	3
1.3 Samples	3
2. Installation	4
2.1 Users	4
2.2 Developers	4
2.3 Requirements	4
3. Usage	5
3.1 Initial Plugin	5
3.2 Options	5
4. Examples	9
4.1 Admonitions	9
4.2 Annotations	12
4.3 Basics	13
4.4 Blockquotes	15
4.5 Buttons	16
4.6 CJK fonts	17
4.7 Code Blocks	18
4.8 Content tabs	19
4.9 Data tables	20
4.10 Diagrams	21
4.11 Download Link	29
4.12 Footnotes	30
4.13 Formatting	31
4.14 Grids	32
4.15 Icons & Emojis	33
4.16 Images	34
4.17 Lists	36
4.18 Tooltips	37
5. Changelog	38
6. License	43
7. Stuff to Migrate	44
7.1 Custom cover page and document style	45
7.2 Contributing	46

1. MkDocs to PDF

pypi v0.10.0 downloads 1.4k/month

`mkdocs-to-pdf` is an `mkdocs` plugin to generate a PDF from an `MkDocs` repository.

This repository is a fork of `mkdocs-with-pdf`, which itself was inspired by `mkdocs-pdf-export-plugin`.

1.1 Features

- Supports `mkdocs-material`.
- Supports `pymdown-extensions`.
- Automatically generated cover page and table of contents.
- Automatically numbered headings from h1 to h6.

1.2 Examples

See common markdown examples on [the website](#) and accompanying PDF.

1.3 Samples

See the [samples directory](#) for easily generated example PDF files showcasing the documentation for other popular projects that use MkDocs for their documentation.

2. Installation

2.1 Users

`mkdocs-to-pdf` is available on [PyPi](#):

```
pip install mkdocs-to-pdf
```

2.2 Developers

There are two sets of extras:

- `docs`: Extra packages to build the `docs` directory.
- `samples`: Extra packages to build everything in the `samples` directory.

There is also the `all` extra, which installs all of these.

For example:

```
pip install mkdocs-to-pdf[all]
```

2.3 Requirements

2.3.1 WeasyPrint

`mkdocs-to-pdf` depends on [weasyprint](#).

`weasyprint` has OS specific dependencies. Follow the guidance in the [weasyprint documentation](#).

3. Usage

3.1 Initial Plugin

Enable the plugin in your `mkdocs.yml`:

```
plugins:
  - to-pdf
```

For more information on plugins within `mkdocs`, see the [official mkdocs documentation](#).

When building your repository with `mkdocs build`, you will now see the following message at the end of your build output:

```
█ Converting 10 articles to PDF took 7.1 s
```

3.2 Options

3.2.1 Headers and Footers

author

The author of the document. Used in the header / footer.

Defaults to the `site_author`.

```
plugins:
  - to-pdf:
    author: John Smith
```

copyright

The copyright statement for the document. Used in the header / footer.

Defaults to the top level `copyright`.

```
plugins:
  - to-pdf:
    copyright: Copyright © John Smith 2025
```

3.2.2 Cover

cover

Covers generate by default.

Set `cover` to `false` if you don't want a cover to generate.

```
plugins:
  - to-pdf:
    cover: false
```

cover_title

The title on the cover page.

Defaults to the `site_name`.

```
plugins:
  - to-pdf:
    cover_title: Title for the Cover Page
```

cover_subtitle

The subtitle on the cover page.

By default there is no subtitle.

```
plugins:
  - to-pdf:
      cover_subtitle: Subtitle for the Cover Page
```

cover_logo

The logo to use on the cover page. URL or relative path to `docs`.

By default there is no logo.

```
plugins:
  - to-pdf:
      cover_logo: https://commons.wikimedia.org/wiki/File:Octicons-mark-github.svg
```

back_cover

Back covers don't generate by default.

Set to true if you want a back cover to generate.

```
plugins:
  - to-pdf:
      back_cover: true
```

3.2.3 Headings and Table of Contents

toc_title

The title for the Table of Contents.

Defaults to "Table of Contents".

```
plugins:
  - to-pdf:
      toc_title: "Table of Contents"
```

toc_level

The depth of headings to show in the Table of Contents. 1 to 6.

Defaults to 3.

```
plugins:
  - to-pdf:
      toc_level: 2
```

ordered_chapter_level

The depth of headings to provide numbers to. Headings deeper than this number will not receive a section number.

Defaults to 3.

```
plugins:
  - to-pdf:
      ordered_chapter_level: 2
```

heading_shift

Heading shifts are enabled by default. Set to false to disable heading shifting.

When false, all headings will use the same font and size, no matter how deep they are.

```
plugins:
  - to-pdf:
      heading_shift: false
```

3.2.4 Output

output_path

The path to write the PDF to. The root of this path is the `site` directory.

Default is "pdf/document.pdf".

```
plugins:
  - to-pdf:
      output_path: document.pdf
```

enabled_if_env

PDFs will only be build if the environment variable referenced here is set to "1".

```
plugins:
  - to-pdf:
      enabled_if_env: ENABLE_PDF_EXPORT
```

Then `mkdocs serve` won't build them anymore:

```
$ mkdocs serve
INFO - Browser Connected: http://127.0.0.1:8000/
INFO - Running task: builder (delay: None)
INFO - Building documentation...
WARNING - without generate PDF(set environment variable ENABLE_PDF_EXPORT to 1 to enable)
... 2 seconds later ...
INFO - Reload 1 waiters: /.../index.md
```

And `mkdocs build` can be called with the appropriate environment variable:

```
$ ENABLE_PDF_EXPORT=1 mkdocs build
...
INFO - Converting 10 articles to PDF took 7.1s
INFO - Documentation built in 8.29 seconds
```

3.2.5 Website

download_link

Adding a PDF download link to a website (`material` theme only).

- `header`: icon in the navigation header
- `footer`: link in the footer area

```
plugins:
  - to-pdf:
      download_link: header
```

3.2.6 Debug

verbose

Set to true to see all WeasyPrint debug messages during build.

```
plugins:  
- to-pdf:  
  verbose: true
```

debug_html

Set to true to output HTML to `stdout` during build

```
plugins:  
- to-pdf:  
  debug_html: true
```

4. Examples

4.1 Admonitions

 **Note**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.1.1 Changing the title

 **Phasellus posuere in sem ut cursus**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.1.2 Nested admonitions

 **Outer Note**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Inner Note**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.1.3 Removing the title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.1.4 Collapsible blocks

 **Note**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Note**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.1.5 Inline blocks

Lorem ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Use `inline end` to align to the right (left for rtl languages).

Important: admonitions that use the `inline` modifiers *must* be declared prior to the content block you want to place them beside. If there's insufficient space to render the admonition next to the block, the admonition will stretch to the full width of the viewport, e.g., on mobile viewports.

4.1.6 Supported types

Note

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Abstract

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Info

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Tip

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Success

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Question

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Warning

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Failure**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Danger**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Bug**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Example**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

 **Quote**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.2 Annotations

Phasellus posuere in sem ut cursus (1) Lorem ipsum dolor sit amet, (2) consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

1. I'm an annotation!
2. I'm an annotation as well!

4.3 Basics

From [original Markdown syntax](#)

4.3.1 Paragraphs, Headers, and Block Quotes

A Third Level Header

Now is the time for all good men to come to the aid of their country. This is just a regular paragraph.

The quick brown fox jumped over the lazy dog's back.

HEADER 4

This is a block quote.

This is the second paragraph in the block quote.

4.3.2 This is an H2 in a block quote

4.3.3 Phrase Emphasis

Some of these words *are emphasized*. Some of these words *are emphasized also*.

Use two asterisks for **strong emphasis**. Or, if you prefer, use two underscores instead.

4.3.4 Lists

Using *

- Candy.
- Gum.
- Booze.

Using +

- Candy.
- Gum.
- Booze.

Using -

- Candy.
- Gum.
- Booze.

Ordered list

1. Red
2. Green
3. Blue

`<p>` tags for the list

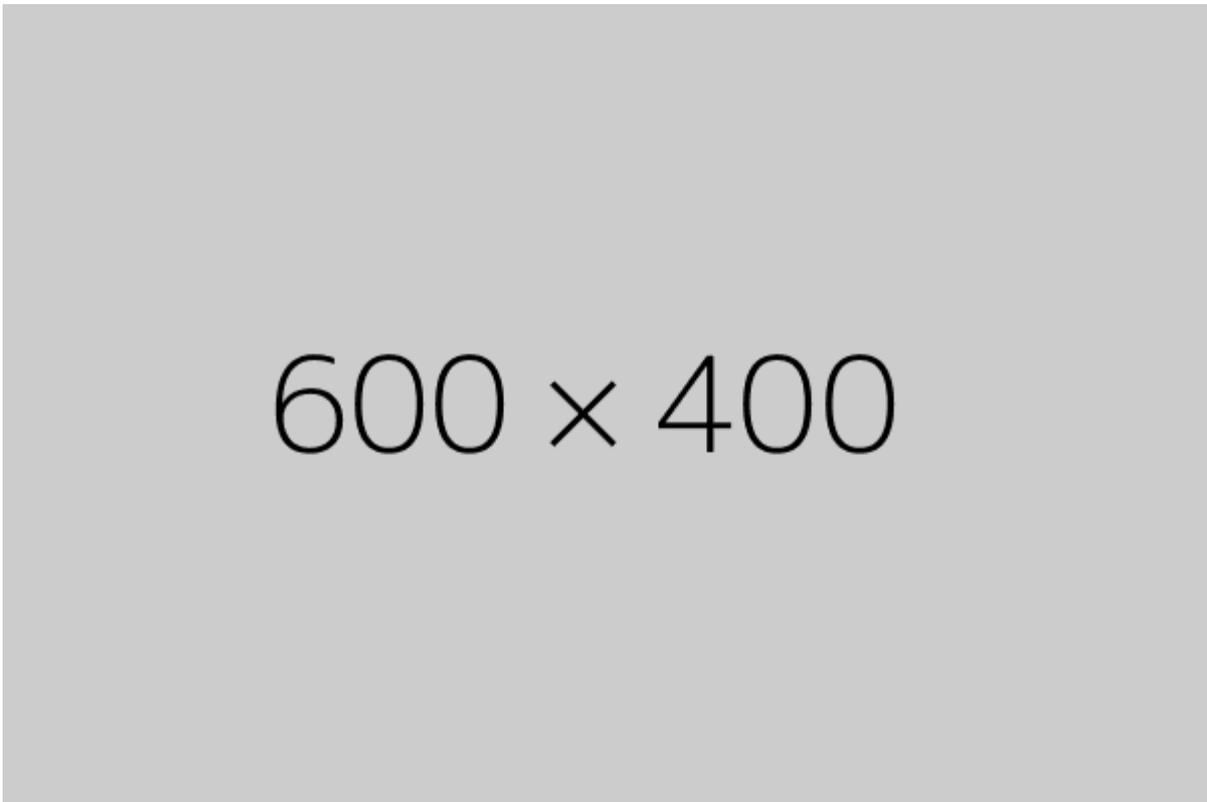
- A list item.
With multiple paragraphs.
- Another item in the list.

4.3.5 Links

This is an [example link](#).

I get 10 times more traffic from [Google](#) than from [Yahoo](#) or [MSN](#).

4.3.6 Images



600 × 400

4.3.7 Code

I strongly recommend against using any `<blink>` tags.

I wish SmartyPants used named entities like `—` instead of decimal-encoded entities like `—`.

If you want your page to validate under XHTML 1.0 Strict, you've got to put paragraph tags in your block quotes:

```
<blockquote>
  <p>For example.</p>
</blockquote>
```

4.4 Blockquotes

Hi John,

Thanks for your email.

Could we schedule the meeting for next Tuesday at 10 AM?

Yes, that time works for me.

Great, see you then!

Also, please send me the presentation slides in advance.

Sure, I'll send them over by tomorrow.

Perfect, thanks!

Best regards

4.5 Buttons

Subscribe to our newsletter

Subscribe to our newsletter

4.6 CJK fonts

4.6.1 Chinese

Simplified Chinese

， ！

Traditional Chinese

， ！

4.6.2 Japanese

、 ！

4.6.3 Korean

， ！

4.7 Code Blocks

```
import tensorflow as tf
```

4.7.1 Adding a title

bubble_sort.py

```
def bubble_sort(items):
    for i in range(len(items)):
        for j in range(len(items) - 1 - i):
            if items[j] > items[j + 1]:
                items[j], items[j + 1] = items[j + 1], items[j]
```

4.7.2 Adding line numbers

```
1 def bubble_sort(items):
2     for i in range(len(items)):
3         for j in range(len(items) - 1 - i):
4             if items[j] > items[j + 1]:
5                 items[j], items[j + 1] = items[j + 1], items[j]
```

4.7.3 Highlighting specific lines

```
def bubble_sort(items):
    for i in range(len(items)):
        for j in range(len(items) - 1 - i):
            if items[j] > items[j + 1]:
                items[j], items[j + 1] = items[j + 1], items[j]
```

4.7.4 Highlighting inline code blocks

The `range()` function is used to generate a sequence of numbers.

4.8 Content tabs

XXX: In the PDF output, the content tab is displayed expanded.

Unordered list Ordered list

- Sed sagittis eleifend rutrum
- Donec vitae suscipit est
- Nulla tempor lobortis orci

1. Sed sagittis eleifend rutrum
2. Donec vitae suscipit est
3. Nulla tempor lobortis orci

4.9 Data tables

Method	Description
GET	Fetch resource
PUT	Update resource
DELETE	Delete resource

4.9.1 aligned to left

Method	Description
GET	Fetch resource
PUT	Update resource
DELETE	Delete resource

4.9.2 centered

Method	Description
GET	Fetch resource
PUT	Update resource
DELETE	Delete resource

4.9.3 aligned to right

Method	Description
GET	Fetch resource
PUT	Update resource
DELETE	Delete resource

4.10 Diagrams

These diagrams are generated using [markdown-kroki](#).

The minimal `pip` dependencies required to get these diagrams are:

```
pip install markdown-kroki
```

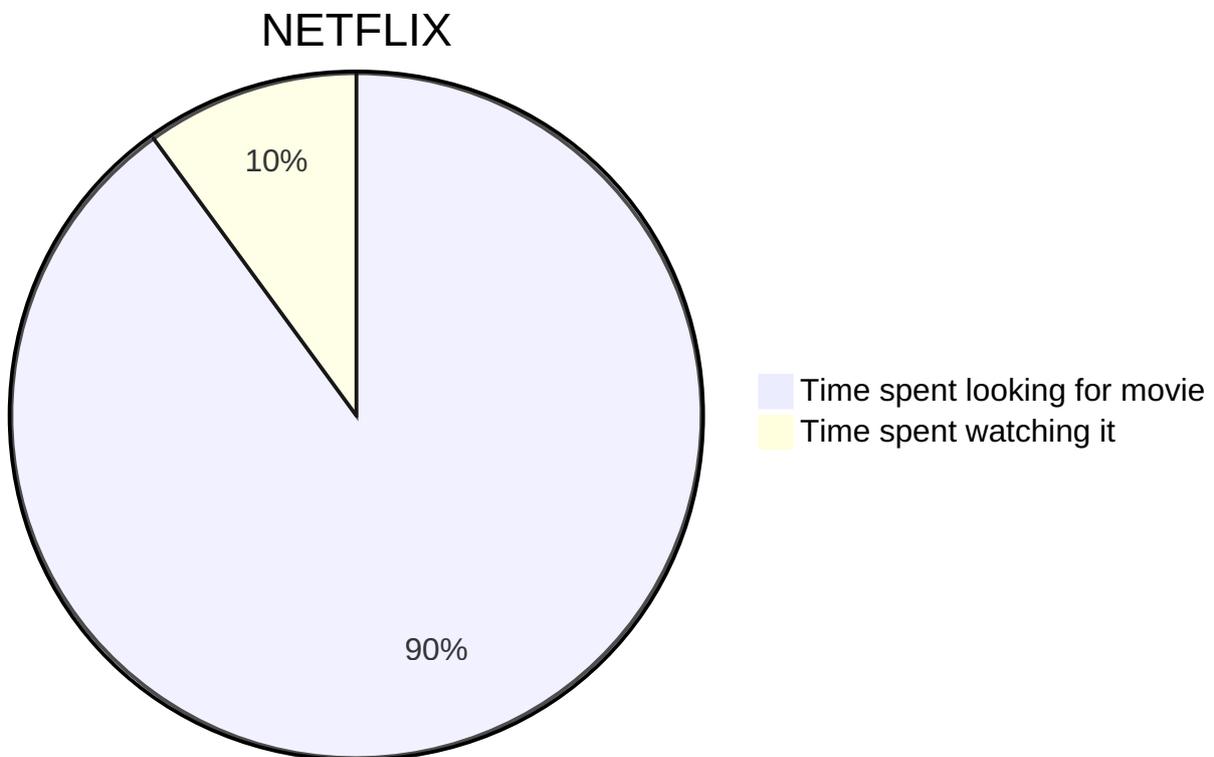
The minimal `mkdocs` configuration required to get these diagrams to generate is:

```
markdown_extensions:  
  - markdown_kroki
```

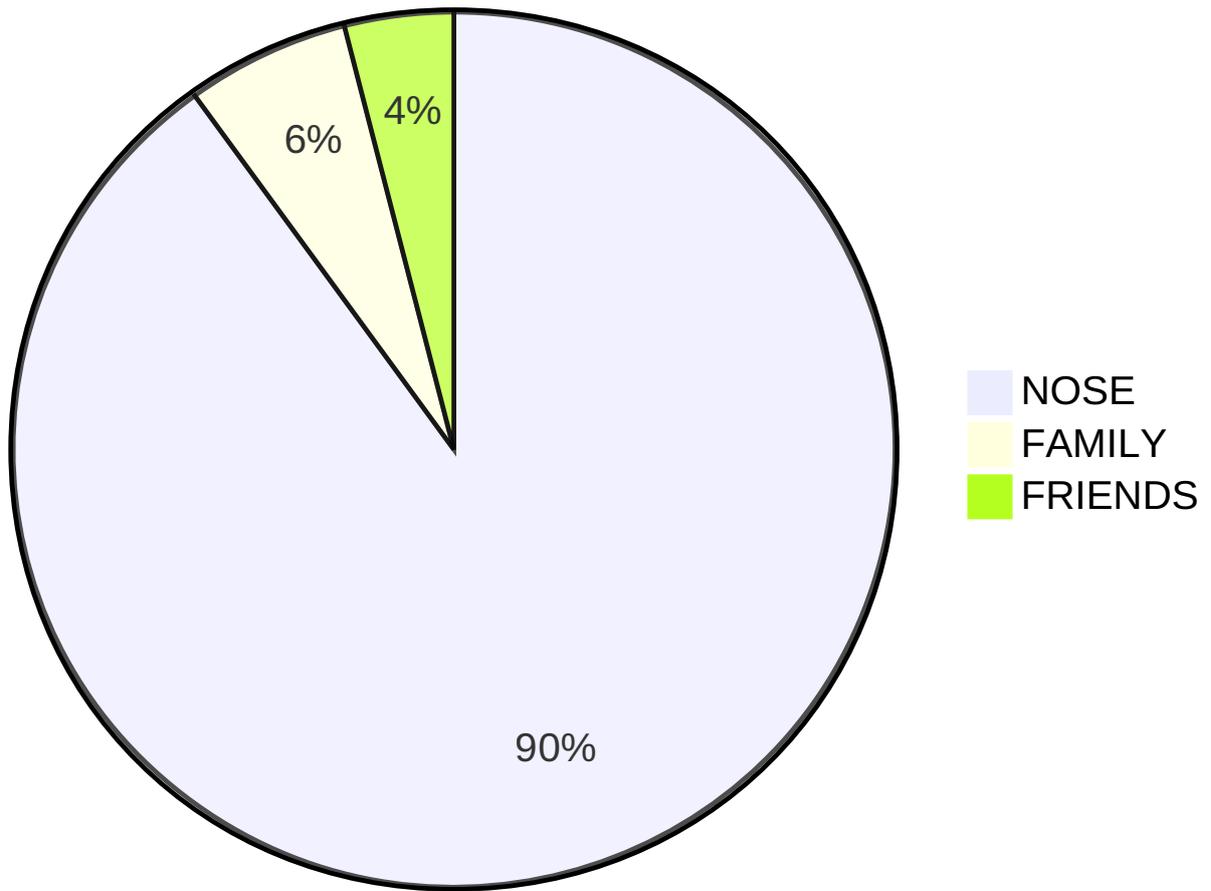
4.10.1 Mermaid

These examples are from the [mermaid docs](#).

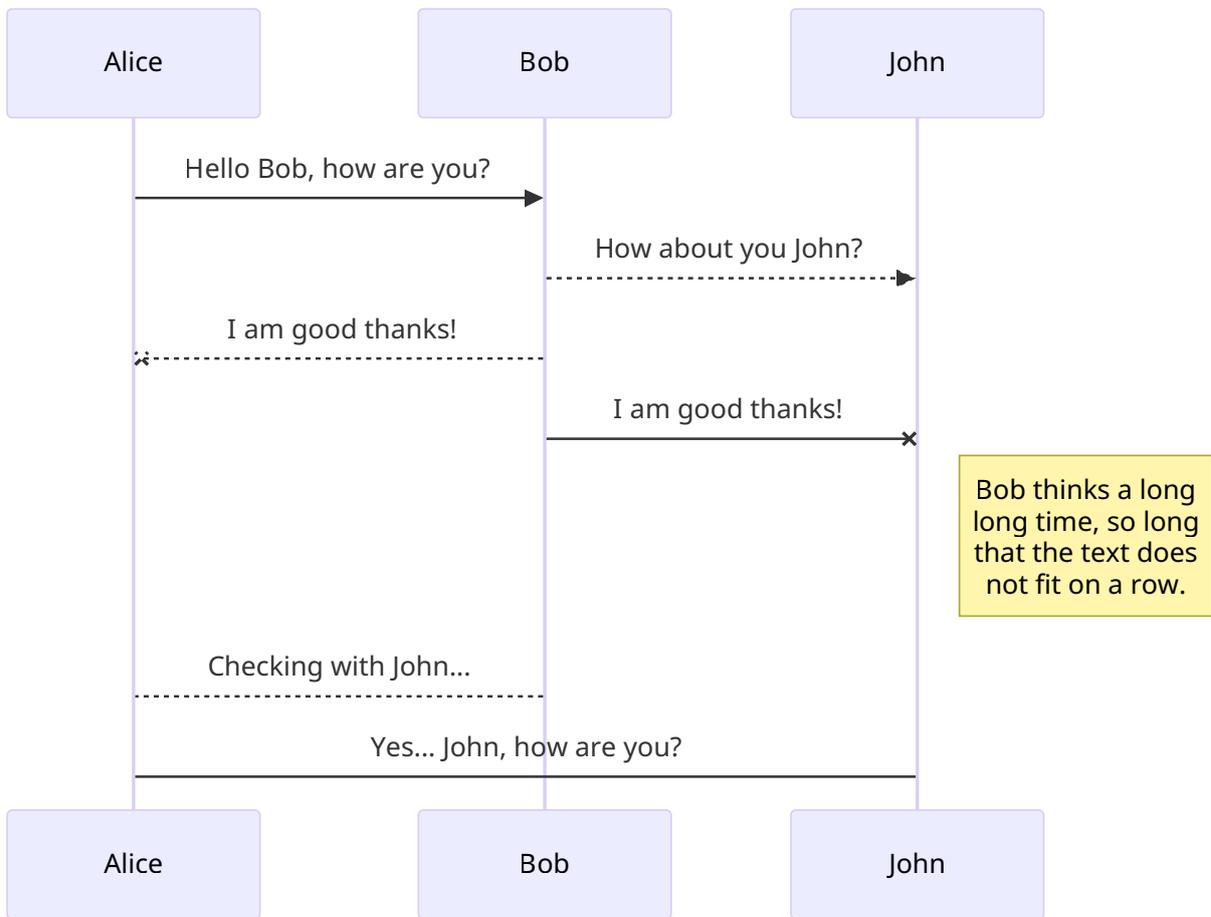
Basic Pie Chart



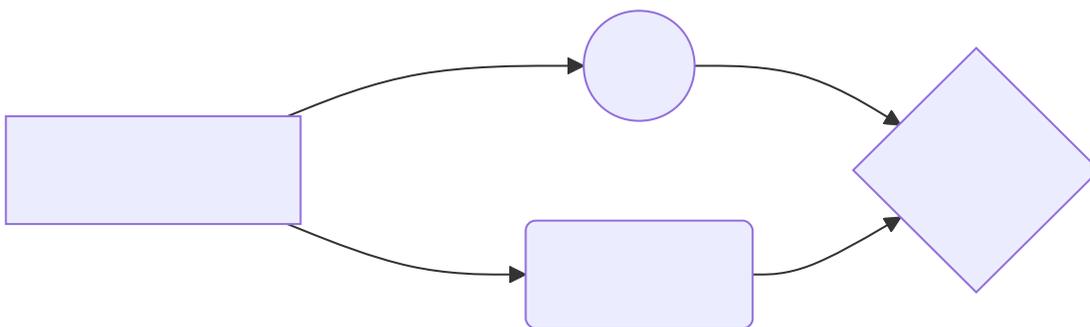
What Voldemort doesn't have?



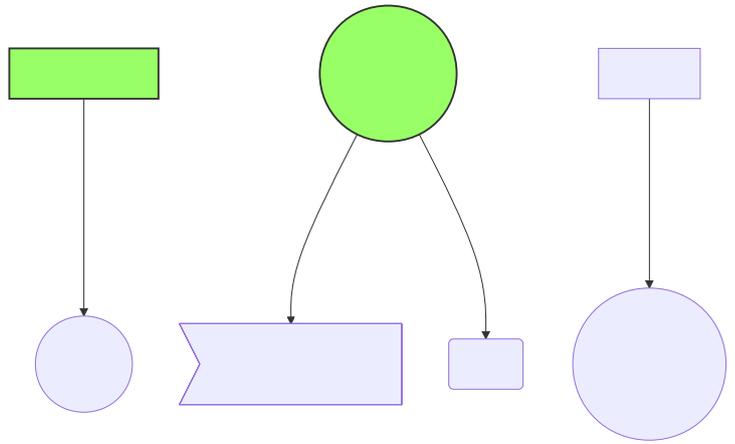
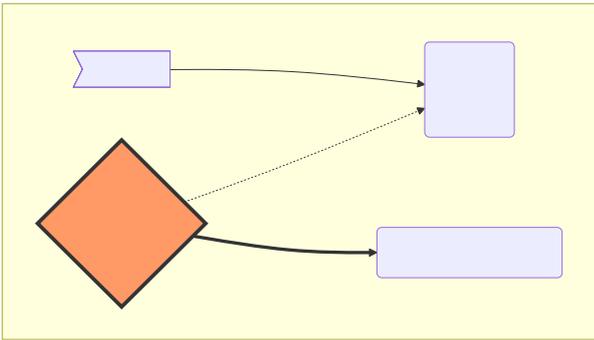
Basic sequence diagram



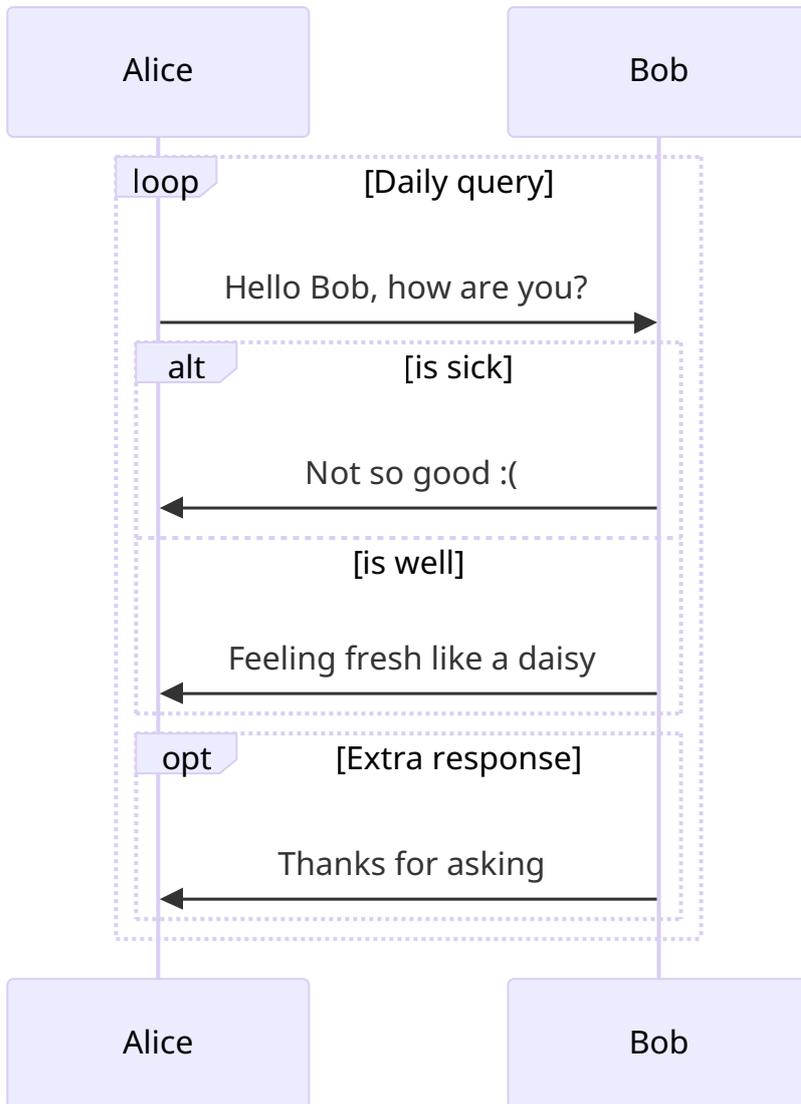
Basic flowchart



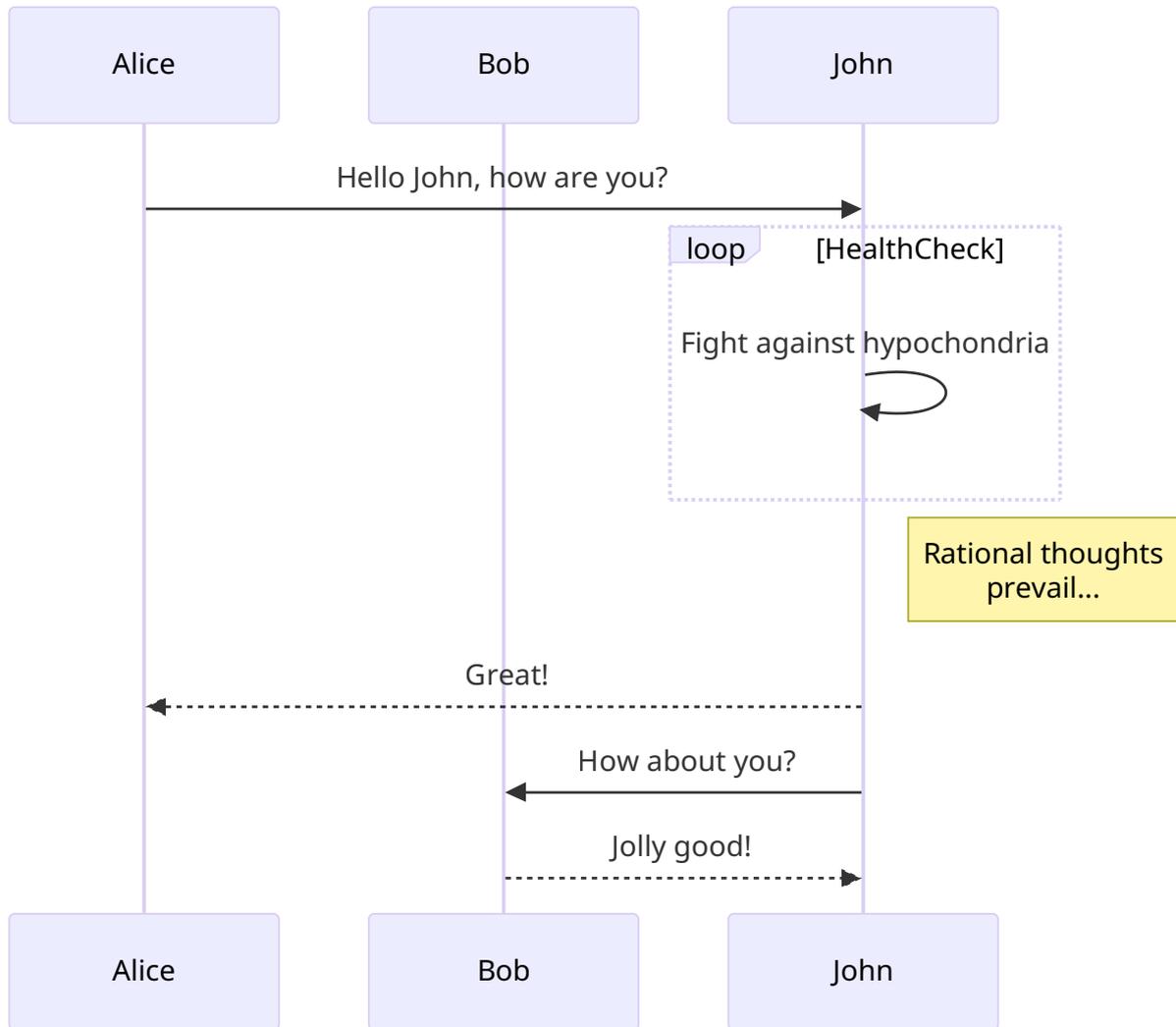
Larger flowchart with some styling



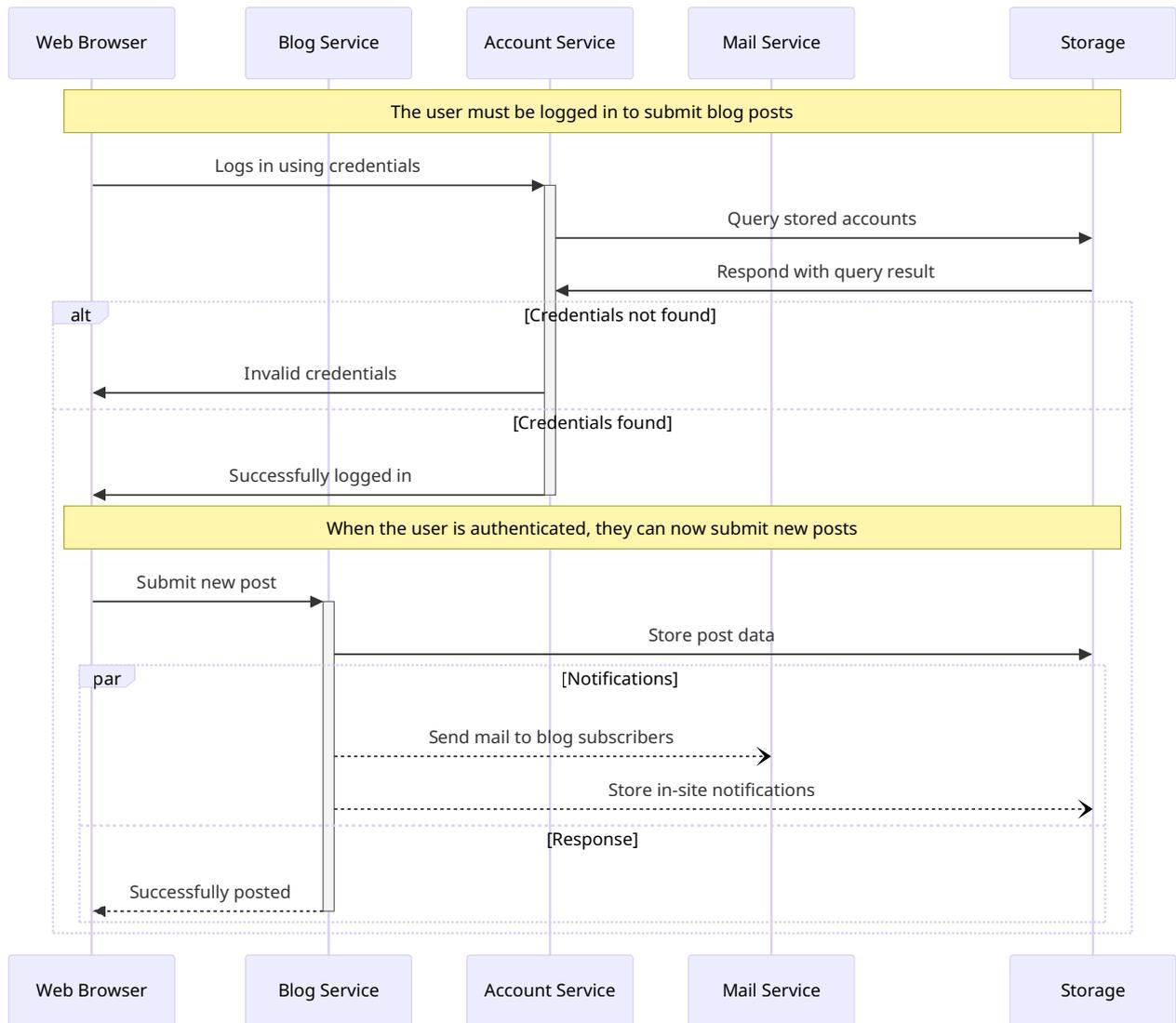
SequenceDiagram: Loops, alt and opt



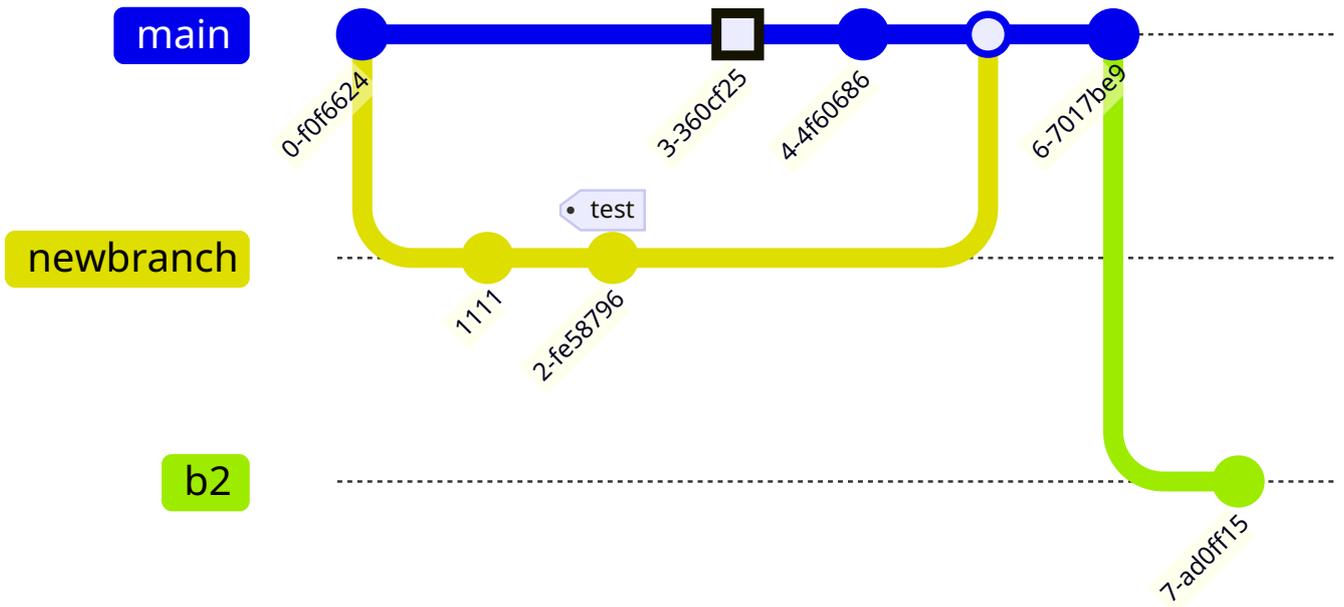
SequenceDiagram: Message to self in loop



Sequence Diagram: Blogging app service communication



A commit flow diagram.



4.11 Download Link

Please refer to the PDF icon in the navigation header of the HTML page.

4.12 Footnotes

4.12.1 Section 1

Lorem ipsum¹ dolor sit amet, consectetur adipiscing elit.²

4.12.2 Section 2

4.12.3 Section 3

.....

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit. ↩

2. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa. ↩

4.13 Formatting

4.13.1 Highlighting changes

Text can be ~~deleted~~ and replacement text added. This can also be combined into ~~one~~ a single operation. **Highlighting** is also possible `/*` and comments can be added inline `*/`.

Formatting can also be applied to blocks by putting the opening and closing tags on separate lines and adding new lines between the tags and the content.

4.13.2 Highlighting text

- **This was marked (highlight)**
- This was inserted (underline)
- ~~This was deleted (strike-through)~~

4.13.3 Sub- and superscripts

- H₂O
- A^TA

4.13.4 Adding keyboard keys

`^ Ctrl` + `⌘ Alt` + `∞ Del`

4.14 Grids

XXX: PDF output results in a row-based layout.

4.14.1 List syntax

HTML for content and structure

JavaScript for interactivity

CSS for text running out of boxes

Internet Explorer ... huh?

4.14.2 Block syntax

Set up in 5 minutes

Install `mkdocs-material` with `pip` and get up and running in minutes

[Getting started](#)

It's just Markdown

Focus on your content and generate a responsive and searchable static site

[Reference](#)

Made to measure

Change the colors, fonts, language, icons, logo and more with a few lines

[Customization](#)

Open Source, MIT

Material for MkDocs is licensed under MIT and available on [\[GitHub\]](#)

[License](#)

4.15 Icons & Emojis

4.15.1 Emojis



4.15.2 Icons



With colors

 **Warning**

Applying CSS requires the `render_js` and `headless_chrome_path` options.



4.16 Images

4.16.1 Image alignment

Left

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

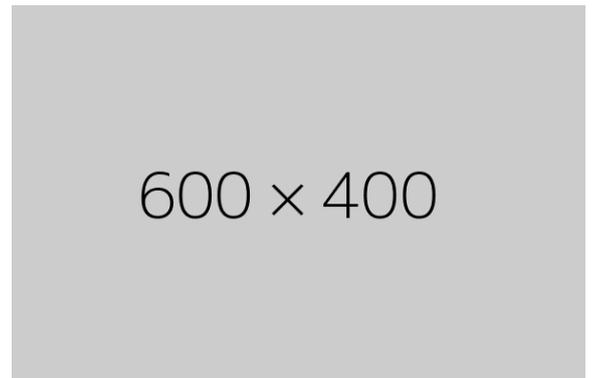
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Right

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.



4.16.2 Image captions

Markdown in HTML

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.



Image caption

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

Markdown block

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.



Image caption

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla et euismod nulla. Curabitur feugiat, tortor non consequat finibus, justo purus auctor massa, nec semper lorem quam in massa.

4.17 Lists

4.17.1 Unordered lists

- Nulla et rhoncus turpis. Mauris ultricies elementum leo. Duis efficitur accumsan nibh eu mattis. Vivamus tempus velit eros, porttitor placerat nibh lacinia sed. Aenean in finibus diam.
 - Duis mollis est eget nibh volutpat, fermentum aliquet dui mollis.
 - Nam vulputate tincidunt fringilla.
 - Nullam dignissim ultrices urna non auctor.

4.17.2 Ordered lists

1. Vivamus id mi enim. Integer id turpis sapien. Ut condimentum lobortis sagittis. Aliquam purus tellus, faucibus eget urna at, iaculis venenatis nulla. Vivamus a pharetra leo.
 - a. Vivamus venenatis porttitor tortor sit amet rutrum. Pellentesque aliquet quam enim, eu volutpat urna rutrum a. Nam vehicula nunc mauris, a ultricies libero efficitur sed.
 - b. Morbi eget dapibus felis. Vivamus venenatis porttitor tortor sit amet rutrum. Pellentesque aliquet quam enim, eu volutpat urna rutrum a.
 - i. Mauris dictum mi lacus
 - ii. Ut sit amet placerat ante
 - iii. Suspendisse ac eros arcu

4.17.3 task lists

- Lorem ipsum dolor sit amet, consectetur adipiscing elit
- Vestibulum convallis sit amet nisi a tincidunt
 - In hac habitasse platea dictumst
 - In scelerisque nibh non dolor mollis congue sed et metus
 - Praesent sed risus massa
- Aenean pretium efficitur erat, donec pharetra, ligula non scelerisque

4.18 Tooltips

4.18.1 Tooltips

XXX: In the PDF output, it's just a link.

[Hover me](#)

[Hover me](#)

4.18.2 Abbreviations

XXX: In PDF output, abbreviations become just underlines.

The HTML specification is maintained by the W3C.

5. Changelog

mkdocs-to-pdf 0.10.0 (UNRELEASED)

- Fix custom checkbox and ordered list overlap. #18
 - Thanks to @hkato
- Add tests for #18. #22
 - Thanks to @hkato
- Migrate to `pyproject.toml`.
 - Move minimum versions as little as possible to get Python 3.8 to work.
- Change package name to `mkdocs-to-pdf`.
- Replace existing `mkdocs` and `mkdocs-material` samples with updated submodules.
- Simplify development process with make files.
- Change default font family to Roboto and Noto Sans with CJK support. #24
 - Thanks to @hkato
- Allow configuration of the "Download PDF" link. #44
 - Thanks to @hkato
- Complete rewrite of all documentation.

mkdocs-with-pdf 0.9.4 (2024-28-01)

- Fix missing PDF download link with `mkdocs-material` 8
 - <https://github.com/orzih/mkdocs-with-pdf/issues/88>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/95>
 - Thanks to @nicolasb29
- Increase the upper range of `toc_level` from 3 to 6.
 - <https://github.com/orzih/mkdocs-with-pdf/pull/101>
 - Thanks to @Sergey-Orlov
- Modify log message used for `enabled_if_env` so that return code is still 0 in `--strict` mode
 - <https://github.com/orzih/mkdocs-with-pdf/issues/99>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/105>
 - Thanks to @js94x
- Fix `AttributeError` when `render_js` is `true`
 - <https://github.com/orzih/mkdocs-with-pdf/issues/114>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/115>
 - Thanks to @samuel-cavalcanti
- Fix logo page not displaying on Windows
 - <https://github.com/orzih/mkdocs-with-pdf/issues/86>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/121>
 - Thanks to @flavienbwk
- Fix two related list alignment issues
 - <https://github.com/orzih/mkdocs-with-pdf/issues/94>
 - <https://github.com/orzih/mkdocs-with-pdf/issues/145>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/96>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/146>
 - Thanks to @DanielFichtner and @ThibaudBrrd
- Add support to render `mermaid.js` diagrams
 - <https://github.com/orzih/mkdocs-with-pdf/issues/34>
 - <https://github.com/orzih/mkdocs-with-pdf/pull/35>
 - Thanks @pawelsikora and @orzih
- Fix admonitions in `mkdocs-material` 8. #89
 - <https://github.com/orzih/mkdocs-with-pdf/issues/89>
 - Thanks to @cmaurer and @santaimpersonator

mkdocs-with-pdf 0.9.3 (2021-07-03)

- Fixed a bug with number-only page titles. #67

mkdocs-with-pdf 0.9.2 (2021-06-15)

- Fixed an issue when running on Python 3.6. #58

mkdocs-with-pdf 0.9.1 (2021-06-15)

- Fixed a bug about `exclude_pages` option. #64

mkdocs-with-pdf 0.9.0 (2021-06-12)

- Drop support for Python 3.5.
- Changed the processing of exclusion pages.

mkdocs-with-pdf 0.8.3 (2021-01-11)

- Fixed run on Python 3.5.

mkdocs-with-pdf 0.8.2 (2021-01-08)

- Added a rendering hook module handler.
- Added highlighttable style for material.
- Added headless-chrome launch options.
- Changed to collect JS for each page.

mkdocs-with-pdf 0.8.1 (2020-11-30)

- Removed compressed css output_style to avoid problems with umlauts.

mkdocs-with-pdf 0.8.0 (2020-11-03)

- Changed for the template processing of the cover page to be based on jinja2.
- Added a logo on the cover page.
- Added back cover page generation option.

mkdocs-with-pdf 0.7.7 (2020-10-29)

- Fixed not escaping single quotes in style.

mkdocs-with-pdf 0.7.6 (2020-10-12)

- options: Allow user to set theme-path in local-conf.

mkdocs-with-pdf 0.7.5 (2020-10-03)

- Support for strict mode.
- Fixed links that contains percent encoding.

mkdocs-with-pdf 0.7.4 (2020-09-26)

- Fixed links for href without a trailing slash.
- Add show_anchors option.

mkdocs-with-pdf 0.7.3 (2020-09-23)

- Fixed links hash that contains percent encoding.

mkdocs-with-pdf 0.7.2 (2020-09-22)

- Fixed links containing escape characters.
- Updated material-polyfills.css.

mkdocs-with-pdf 0.7.1 (2020-09-19)

- Fixed a missing JS file entry in MANIFEST.in.
- Changed for Headless Chrome launch options.
- Changed the default value of the Headless Chrome pathname option.

mkdocs-with-pdf 0.7.0 (2020-09-14)

- Support two-columns layout.
- Supports the use of `Headless Chrome`.
- Fix details icon style for material and little more.

mkdocs-with-pdf 0.6.1 (2020-09-04)

- Add the missing anchors if the document doesn't have first-level headings.
- Add a workaround converter for `'img[align]'`.

mkdocs-with-pdf 0.6.0 (2020-08-31)

- Add `'convert_iframe'` option.
- Modified some `'page-break'` settings.
- Changes the required version of python.

mkdocs-with-pdf 0.5.0 (2020-08-22)

- Supports nested sections in `nav`.
- Add `Keyboard key` style in material-polyfills.
- Update workaround for twemoji.

mkdocs-with-pdf 0.4.0 (2020-08-17)

- Fixed hrefs and anchors for internal links.
- Add a TOC title text option.
- Add workaround converter for twemoji.

mkdocs-with-pdf 0.3.3 (2020-08-08)

- Fixed current page refs in subdirectories w/o `directory-urls`.

mkdocs-with-pdf 0.3.2 (2020-08-07)

- Fixed current page refs when `use_directory_urls=false`.

mkdocs-with-pdf 0.3.1 (2020-07-24)

- Fixed link processing for `"index.html"`.

mkdocs-with-pdf 0.3.0 (2020-07-24)

- Supports page exclusion.
- Fixed for the internal link anchors.

mkdocs-with-pdf 0.2.4 (2020-07-15)

- Excluded form empty tags if it has image.

mkdocs-with-pdf 0.2.3 (2020-05-24)

- Fixed to skip empty pages.

mkdocs-with-pdf 0.2.2 (2020-05-17)

- Exclude custom style source from package destination.
- Add page break rule for tabs.

mkdocs-with-pdf 0.2.1 (2020-05-16)

- Update for icons for material theme

mkdocs-with-pdf 0.1.0 (2020-02-24)

- Initial release(in develop)

6. License

Copyright (c) 2020, orzih

Copyright (c) 2024-2025, Dominic Adam Walters

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

7. Stuff to Migrate

You may customize the plugin by passing options in `mkdocs.yml`:

```
plugins:
  - to-pdf:
    #custom_template_path: TEMPLATES_PATH
    #
    #excludes_children:
    #  - 'release-notes/:upgrading'
    #  - 'release-notes/:changelog'
    #
    #exclude_pages:
    #  - 'bugs/'
    #  - 'appendix/contribute/'
    #convert_iframe:
    #  - src: IFRAME_SRC
    #    img: POSTER_IMAGE_URL
    #    text: ALTERNATE_TEXT
    #  - src: ...
    #two_columns_level: 3
    #
    #render_js: true
    #headless_chrome_path: headless-chromium
    #
    #show_anchors: true
```

Options

FOR HEADING AND TOC

- `excludes_children`

Set the page `id` of `nav` url. If the `id` matches in this list, it will be excluded from the heading number addition and table of contents.

default: `[]`

FOR PAGE

- `exclude_pages`

Set the page `id` of `nav` url. If the `id` matches in this list, it will be excluded page contents.

default: `[]`

since: `v0.3.0`

- `convert_iframe`

List of `iframe` to a conversions. Every `iframe` that matches a `src` in this list will be replace to `a` contains each `img` and/or `text`. it's using for such as embedded VIDEO.

default: `[]`

since: `v0.6.0`

@see [Sample of MkDocs Material](#)

- `two_columns_level` (Experimental)

Set the heading level of **Two Column Layout**. Currently only `0` (disable) or `3` is valid for this value. So slow processing, but a little nice.

default: `0`

since: `v0.7.0`

@see [Sample of MkDocs Material](#)

RENDERER FOR JAVASCRIPT

- `render_js`

Set the value to `true` if you're using 'MathJax', 'Twemoji' or any more. Require "Chrome" which has "headless" mode.

default: `false`

since: `v0.7.0`

- `headless_chrome_path`

Set the "Headless Chrome" program path.

If `render_js` is `false`, this value will be ignored.

default: `chromium-browser`

Check on your system:

```
$ <PROGRAM_PATH> --headless \
  --disable-gpu \
  --dump-dom \
  <ANY_SITE_URL(eg. 'https://google.com')>
```

- `relaxedjs_path`

Set the value to execute command of relaxed if you're using e.g. 'Mermaid diagrams and Headless Chrome is not working for you. Require "ReLaXed" Javascript PDF renderer to be installed on your system. See: 'ReLaXed'.

Please use 'theme_handler_path' option to specify custom JS sources and CSS Stylesheets which covers your needs. E.g. for Material theme it would be `material.py`. See: `mkdocs-to-pdf/src/mkdocs_to_pdf/themes/material.py` for implementation details. **default:** `None` **since:** `v0.7.0`

Install on your system:

```
$ npm i -g relaxedjs
$ relaxed --version
```

... AND MORE

- `custom_template_path`

The path where your custom `cover.html` and/or `styles.scss` are located. **default:** `templates`

since: `v0.8.0`

- `show_anchors`

Setting this to `true` will list out of anchor points provided during the build as info message.

default: `false`

since: `v0.7.4`

7.1 Custom cover page and document style

It is possible to create a custom cover page for the document. You can also add a custom style sheet to modify the whole document.

To do so, add a `templates` folder at the root level of your `mkdocs` project and place a `cover.html` and/or a `styles.scss` inside. Alternatively, you can specify a different location with the `custom_template_path` option.

7.1.1 Custom cover page

Using `jinja2` syntax, you can access all data from your `mkdocs.yml`. To make template creation easier, you can use `plugin_some_plugin` to access variables from plugins. E.g. use `{{ author }}` to get the author from your `mkdocs.yml` that looks like:

```
plugins:
  - to-pdf:
    author: WHO
```

You can use custom variables `extra: in your mkdocs.yml`. And, you can check it in the log if run with `verbose` or `debug_html` options.

7.1.2 Custom stylesheet

Since your stylesheet is appended to the default ones, you can override every setting from them.

Tip: setting the `debug_html` option to `true` to get the generated html that is passed to `weasyprint` can help you determine the html tags, classes or identifiers you want to modify in your stylesheet.

7.1.3 Advanced Rendering Hooks (Experimental)

You can hook the PDF rendering process by creating a `pdf_event_hook.py` (or `pdf_event_hook/__init__.py`) in your working directory (*usually the same directory as `mkdocs.yml`*).

since: v0.8.2

Sample `pdf_event_hook.py` (or `pdf_event_hook/__init__.py`)

```
import logging

from bs4 import BeautifulSoup
from mkdocs.structure.pages import Page

def inject_link(html: str, href: str,
                page: Page, logger: logging) -> str:
    """Adding PDF View button on navigation bar(using material theme)"""

    def _pdf_icon():
        _ICON = '''
<svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 512 512">
<path d="M128,0c-17.6,0-32,14.4-32,32v448c0,17.6,14.4,32,32,32h320c17.6,0,32-14.4,32-32V128L352,0H128z" fill="#E2E5E7"/>
<path d="m384 128h96l-128-128v96c0 17.6 14.4 32 32 32z" fill="#B0B7BD"/>
<polygon points="480 224 384 128 480 128" fill="#CAD1D8"/>
<path d="M416,416c0,8.8-7.2,16-16,16H480c-8.8,0-16-7.2-16-16V256c0-8.8,7.2-16,16-16h352c8.8,0,16,7.2,16,16 V416z" fill="#F15642"/>
<g fill="#fff">
<path d="m101.74 303.15c0-4.224 3.328-8.832 8.688-8.832h29.552c16.64 0 31.616 11.136 31.616 32.48 0 20.224-14.976 31.488-31.616 31.488h-21.36v16.896c0
5.632-3.584 8.816-8.192 8.816-4.224 0-8.688-3.184-8.688-8.816v-72.032zm16.88 7.28v31.872h21.36c8.576 0 15.36-7.568 15.36-15.504
0-8.944-6.784-16.368-15.36-16.368h-21.36z"/>
<path d="m196.66 384c-4.224 0-8.832-2.304-8.832-7.92v-72.672c0-4.592 4.608-7.936 8.832-7.936h29.296c58.464 0 57.184 88.528 1.152
88.528h-30.448zm8.064-72.912v57.312h21.232c34.544 0 36.08-57.312 0-57.312h-21.232z"/>
<path d="m303.87 312.11v20.336h32.624c4.608 0 9.216 4.608 9.216 9.072 0 4.224-4.608 7.68-9.216 7.68h-32.624v26.864c0 4.48-3.184 7.92-7.664 7.92-5.632
0-9.072-3.44-9.072-7.92v-72.672c0-4.592 3.456-7.936 9.072-7.936h44.912c5.632 0 8.96 3.344 8.96 7.936 0 4.096-3.328 8.704-8.96 8.704h-37.248v0.016z"/>
</g>
<path d="m400 432h-304v16h304c8.8 0 16-7.2 16-16v-16c0 8.8-7.2 16-16 16z" fill="#CAD1D8"/>
</svg>
'''
        # noqa: E501
        return BeautifulSoup(_ICON, 'html.parser')

    logger.info(f'(hook on inject_link: {page.title})')
    soup = BeautifulSoup(html, 'html.parser')

    nav = soup.find(class_='md-header-nav')
    if not nav:
        # after 7.x
        nav = soup.find('nav', class_='md-header__inner')
    if nav:
        a = soup.new_tag('a', href=href, title='PDF',
                        **{'class': 'md-header__button md-header-nav__button md-icon'})
        a.append(_pdf_icon())
        nav.append(a)
        return str(soup)

    return html

# def pre_js_render(soup: BeautifulSoup, logger: logging) -> BeautifulSoup:
#     logger.info('(hook on pre_js_render)')
#     return soup

# def pre_pdf_render(soup: BeautifulSoup, logger: logging) -> BeautifulSoup:
#     logger.info('(hook on pre_pdf_render)')
#     tag = soup.find(lambda tag: tag.name ==
#                     'body' and 'data-md-color-scheme' in tag.attrs)
#     if tag:
#         tag['data-md-color-scheme'] = 'print'
#     return soup
```

... and check log:

```
$ mkdocs build
INFO - Found PDF rendering event hook module.
INFO - Cleaning site directory
INFO - Building documentation to directory: /tmp/sample/site
INFO - (hook on inject_link: Home)
...
```

7.2 Contributing

From reporting a bug to submitting a pull request: every contribution is appreciated and welcome. Report bugs, ask questions and request features using [Github issues](#). If you want to contribute to the code of this project, please read the [Contribution Guidelines](#).