

Options for MkDocs PDF Generate Plugin

Options

Revision 0.2

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Disclaimer: Content can change at anytime and best to refer to website for latest information. |



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The plugin allows users to pass in both global and local options.

Note

Local options has a higher precedence than global options.

1 Global Options

Some of these global options are used as default options when local options are not set. The global options are passed to the plugin through `mkdocs.yml` :

```
plugins:
  - pdf-generate:
      author: "Randy Duodu"
      author_logo: img/logo.svg
      copyright: "Copyright © 2022 - MkDocs PDF Generate"
      disclaimer: "Disclaimer: Content can change at anytime and best to
refer to website for latest information."
      cover: true
      cover_title: TITLE TEXT
      cover_subtitle: SUBTITLE TEXT
      custom_template_path: TEMPLATES PATH
      toc: false
      toc_level: 3
      toc_title: TOC TITLE TEXT
      toc_numbering: true
      cover_images:
        default: img/default.svg
        type1: img/type1.png
        type2: https://example.com/cover.svg
      enabled_if_env: ENABLE_PDF_EXPORT
```

1.1 for Cover

1.1.1 `cover`

Set the value to `false` if you don't need a cover page.

default: `true`

1.1.2 `cover_title`

Set the title text in cover page.



Note

The following rule is applied when setting the value for cover title text in cover page.

Cover Title precedence:

1. `title` (local pdf metadata option)
2. H1 heading for page
3. `cover title` (global)
4. `site_name` variable in your project's `mkdocs.yml`

default: use `site_name` in your project's `mkdocs.yml`

1.1.3 `cover_subtitle`

Set the subtitle text in cover page.

Note

The following rule is applied when setting the value for cover subtitle text in cover page.

Cover Subtitle precedence:

1. `subtitle` (local pdf metadata option)
2. `type` (local pdf metadata option)
3. `cover subtitle` (global)

default: `None`

1.1.4 `author`

Set the author text.

default: use `site_author` in your project's `mkdocs.yml`

1.1.5 `author_logo`

Provide a logo image which you can use in the cover page.

Tip

Using an SVG image as the value for author logo is recommended.



default: use `theme.logo` in your project's `mkdocs.yml`

1.1.6 copyright

Set the copyright text.

default: use `copyright` in your project's `mkdocs.yml`

1.1.7 disclaimer

Set the disclaimer text.

default: `None`

1.1.8 cover_images

Set the cover image for specific document types.

The option takes a `key-value` pair where the `key` must be the same value as you specified for the `type` local pdf metadata option.

The `value` for a `key` must be the path to the image.

Example:

```
- pdf-generate:
  cover_images:
    default: img/home-banner.svg
    home: img/manual-banner.svg
    options: img/project-banner.svg
    customize: img/tutorial-banner.svg
```

Note

Apart from the `default` key-value pair under `cover_images`, the other key-value pairs can have user-defined values.

Recommended: You must specify an image path for the `default` key-value pair. We will use the image as the cover image for any document that does not specify the `type` local pdf metadata option.

default: `None`



1.2 for Heading and TOC

1.2.1 `toc`

Set the value to `false` if you don't need a table of content section in the PDF document.

default: `true`

1.2.2 `toc_title`

Set the title text for *Table of Contents*.

default: `Table of Contents`

1.2.3 `toc_level`

Set the level of *Table of Contents*. This value is enabled in the range of from `1` to `6`.

default: `4`

1.2.4 `toc_numbering`

Set the value to `false` if you don't want your table of contents to be numbered in the PDF document.

default: `true`

1.3 ... and more

1.3.1 `custom_template_path`

A relative path inside your projects' directory. This folder is where you put both the custom cover template and custom plugin CSS file (`cover.html` and `custom.css`).

Info

The custom template's filename should be `cover` with any of these file extensions `.html.j2`, `.html.jinja2`, `.html`, or `.htm`. Example: `cover.html.j2`, `cover.html.jinja2`, `cover.html`, `cover.htm`

You can refer to this [example](#) about how to use a custom cover template and custom CSS.

default: `use default plugin template`



1.3.2 enabled_if_env

Setting this option will generate PDF files only if there is an environment variable set to 1. The environment variable must match the value of `enabled_if_env`.

This is useful to disable building the PDF files during development, since it can take a long time to export all files.

default: None

PDF generation can take significantly longer than HTML generation which can slow down MkDocs built-in dev-server.

Adding `enabled_if_env: ENABLE_PDF_EXPORT` disables PDF generation during development and runs the dev-server normally:

```
$ mkdocs serve
INFO      - Building documentation...
INFO      - PDF export is disabled (set environment variable
ENABLE_PDF_EXPORT to 1 to enable)
INFO      - Cleaning site directory
INFO      - Documentation built in 0.54 seconds
INFO      - [08:51:24] Watching paths for changes: 'docs', 'mkdocs.yml'
INFO      - [08:51:24] Serving on http://127.0.0.1:8000/
```

and to build PDF files, set the `ENABLE_PDF_EXPORT=1` environment variable:

```
$ ENABLE_PDF_EXPORT=1 mkdocs build
...
INFO      - Converting 2 files to PDF took 1.82s
INFO      - Documentation built in 2.29 seconds
```

1.3.3 verbose

Setting this to `true` will show all WeasyPrint debug messages during the build.

default: false

1.3.4 media_type

Allows you to use a different CSS media type (or a custom one like `pdf-generate`) for the PDF export.

default: print

1.3.5 theme_handler_path

Allows you to specify a custom theme handler module. This path must be **relative to your project root** (See example below).

default: None



```
mkdocs.yml:
```

```
plugins:
  - pdf-generate:
      theme_handler_path: theme-handler
```

```
project-root
├─ theme-handler.py
├─ docs
├─ mkdocs.yml
├─ site
.
.
```

2 Local Options

The plugin allows you to set document specific options using the Markdown page metadata. If a page metadata is specified, it has higher precedence than the [global options](#).

The local options are specified in the specific Markdown document you want to use:

```
---
pdf:
  - build: false
  - filename: Plugin Options
  - title: Options for MkDocs PDF Generate Plugin
  - type: Manual
  - revision: 0.2
---
```

The following options are available:

- build
- title
- subtitle
- type
- filename
- revision



2.1 `build`

Allows you to specify whether to generate a PDF file for a Markdown file. Value is `true` or `false`.

Note

The function of the `build` option is different from that of the [`enabled_if_env`](#). The `build` option disables PDF generation for a single Markdown file while `enabled_if_env` disables PDF generation for the entire project.

default: `true`

2.2 `title`

Set the title text in cover page.

2.3 `subtitle`

Set the subtitle text in cover page.

2.4 `type`

Set the document type.

NB: We use the value for this option in selecting the document's cover image from the [`cover_images`](#) option.

2.5 `filename`

Set the filename to use for a specific page when downloading the PDF document.

Note

Filename precedence:

1. [`filename`](#) (local pdf metadata) - formatted such that all are valid characters
2. [`title`](#) (local pdf metadata) - formatted such that all are valid characters
3. H1 - formatted such that all are valid characters



2.6 revision

Set the revision text in cover page.