

# Options for MkDocs PDF Generate Plugin

**Options**

**Revision 0.1.3**

*Duodu Randy*



# Table of Contents

---

1	Global Options	3
1.1	for Cover	3
1.1.1	cover	3
1.1.2	cover_title	3
1.1.3	cover_subtitle	4
1.1.4	author	4
1.1.5	author_logo	4
1.1.6	copyright	5
1.1.7	disclaimer	5
1.1.8	cover_images	5
1.2	for Heading and TOC	5
1.2.1	toc	5
1.2.2	toc_title	5
1.2.3	toc_level	6
1.2.4	toc_numbering	6
1.3	... and more	6
1.3.1	custom_template_path	6
1.3.2	enabled_if_env	6
1.3.3	verbose	7
1.3.4	debug(for development purposes only)	7
1.3.5	media_type	7
1.3.6	theme_handler_path	7
2	Local Options	8
2.1	build	8
2.2	title	8
2.3	subtitle	8
2.4	type	9
2.5	filename	9
2.6	revision	9

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

#### Note

Local options have 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 debug (for development purposes only)

Setting this to `true` enables the debug mode which saves the HTML content used in generating the PDF files into a folder called `pdf_html_debug`. The `pdf_html_debug` folder is relative to the documentation source directory.

This option is intended to help users in writing appropriate CSS styles for the HTML content used to generate the PDF documents.

**default:** `false`



#### Note

- The `debug` option only works with the `mkdocs build` command.
- It is recommended to add the `pdf_html_debug` folder to your ignored files when using a version control system.

### 1.3.5 media\_type

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

**default:** `print`

### 1.3.6 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.